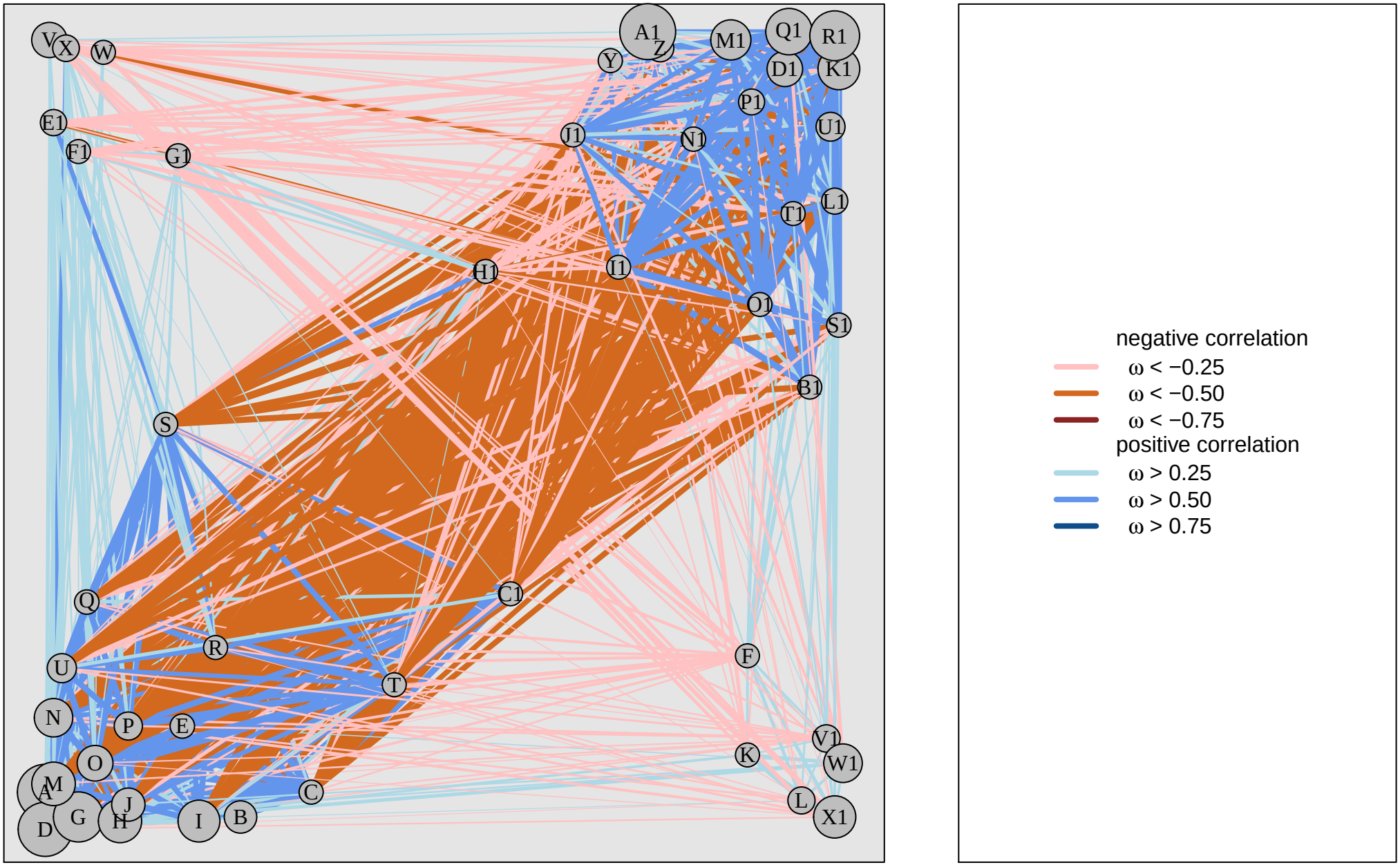
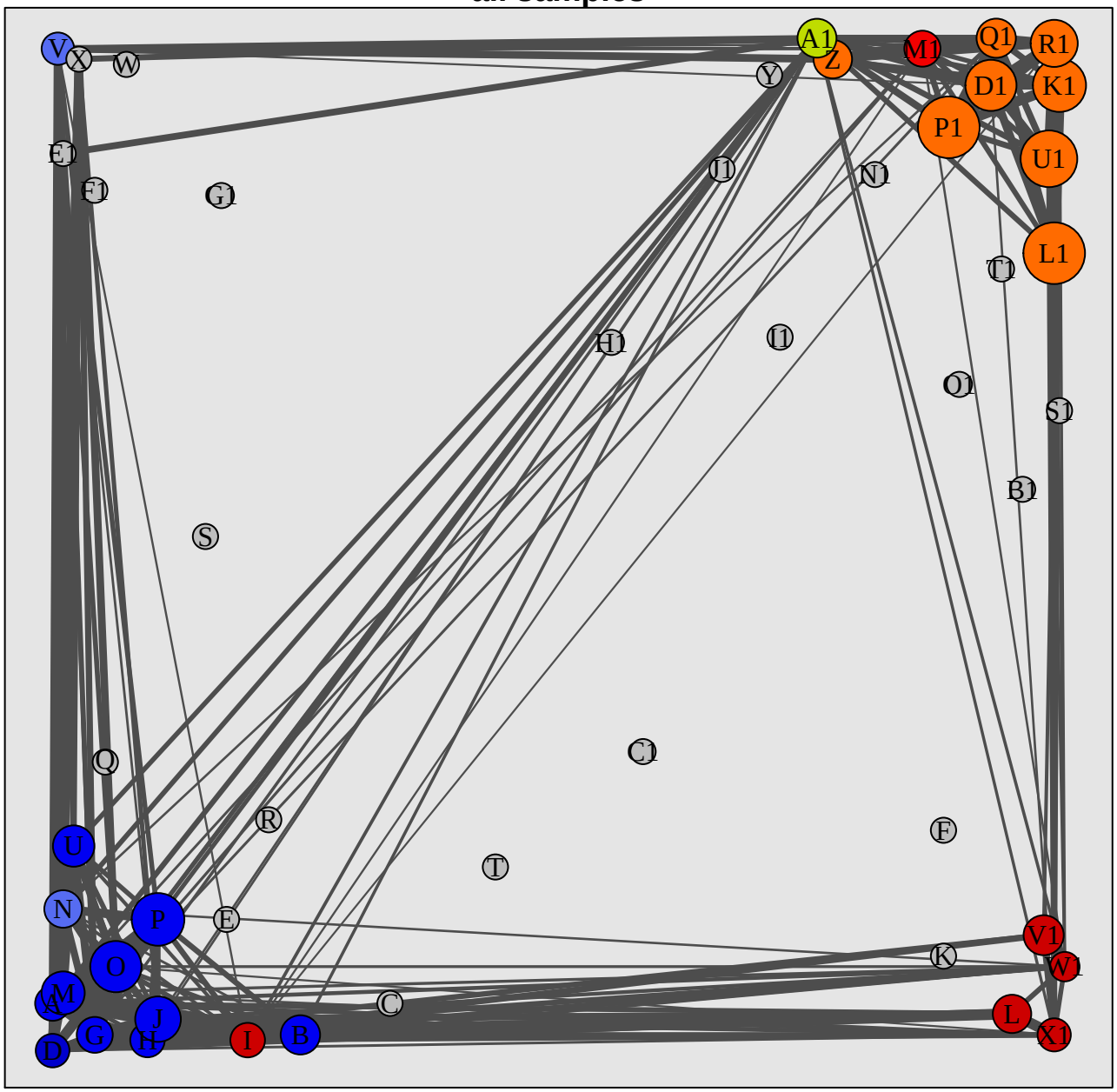
Module correlations (WTO algorithm)



Module implications (basket algorithm)

all samples



Confidence

(group implication)

100%

50%

10%

Confidence

(module implication)

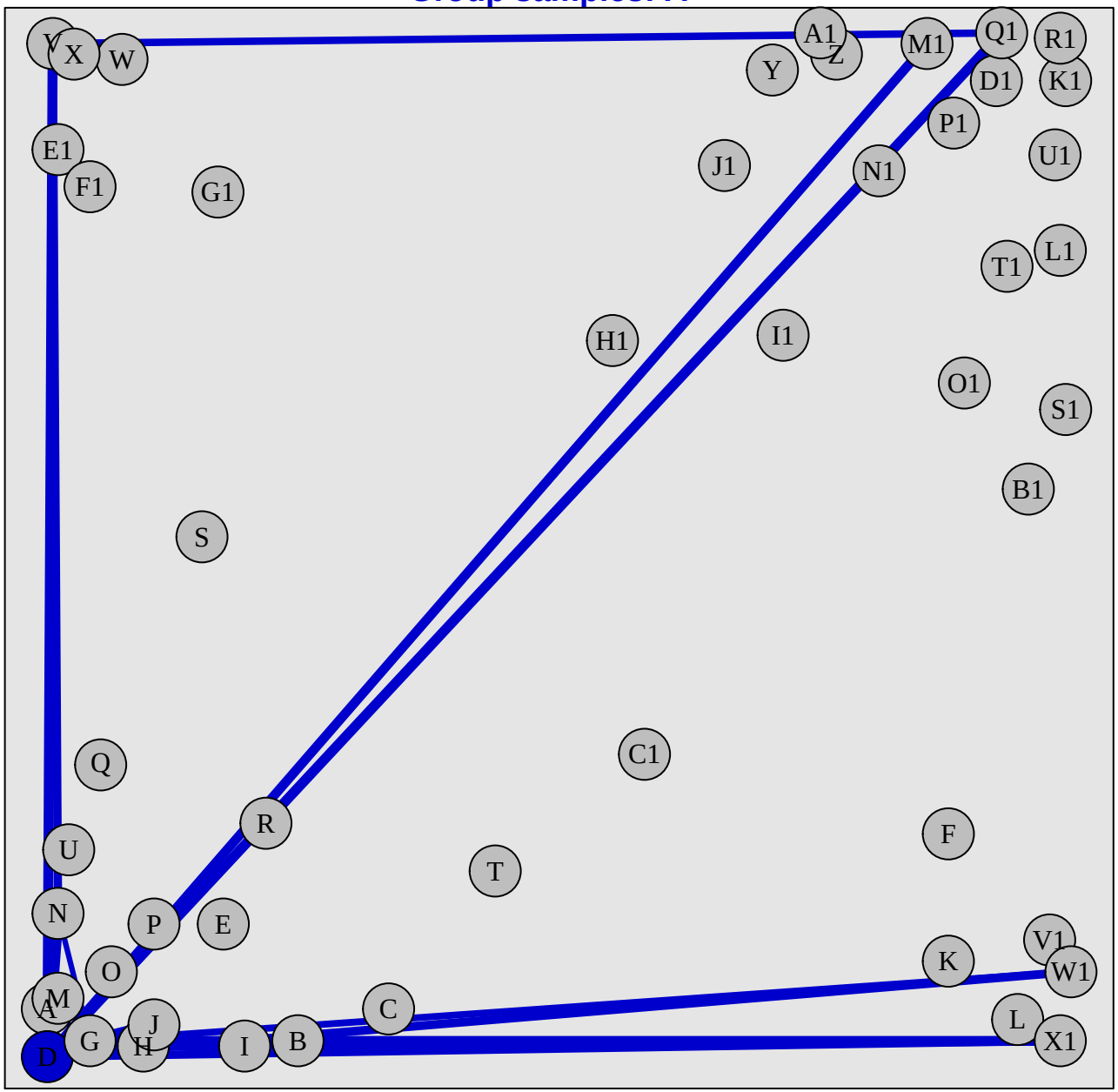
100%

50%

10%

Module implications (basket algorithm)

Group samples: A *



Confidence

(module implication)

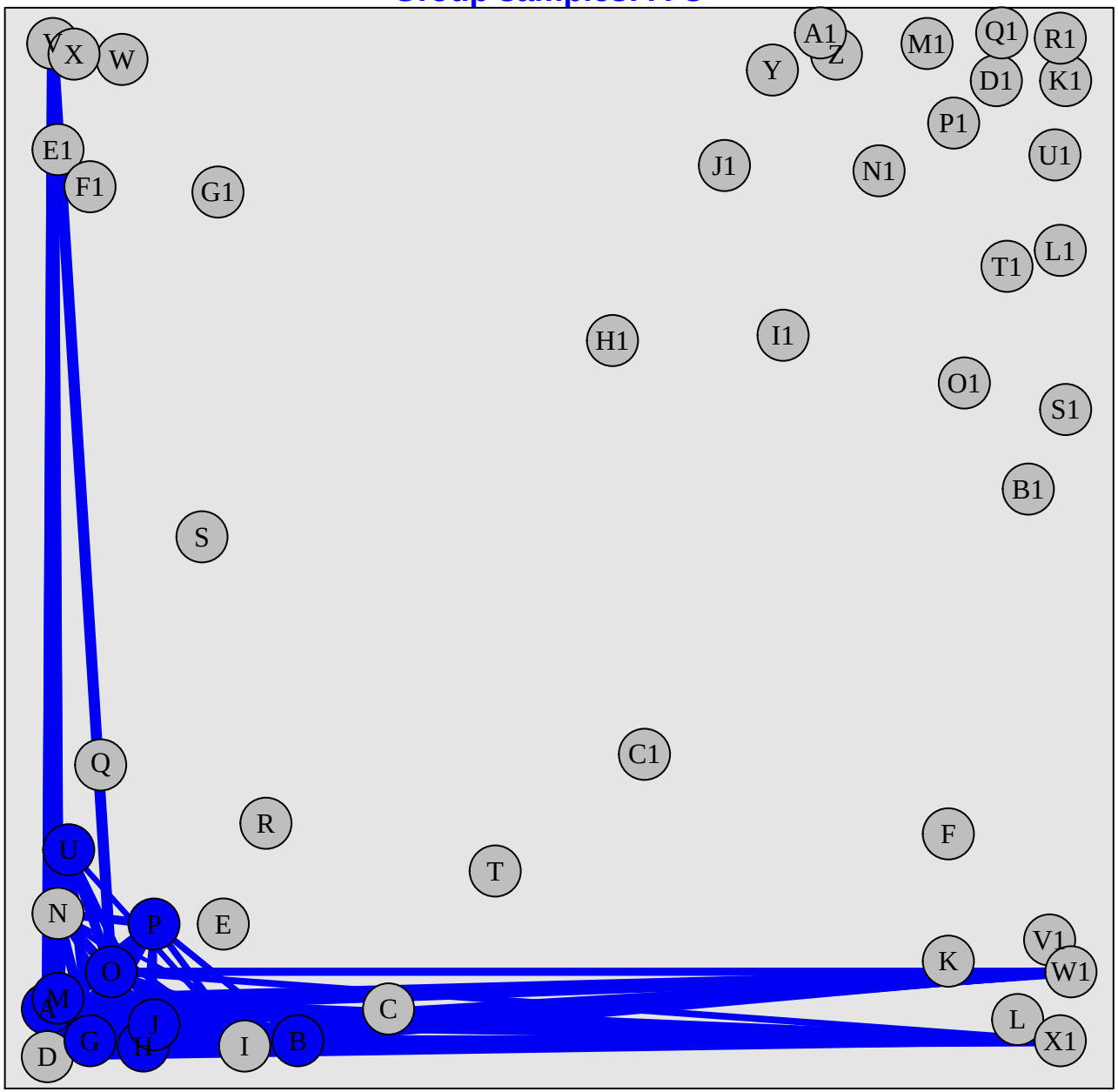
100%

50%

10%

Module implications (basket algorithm)

Group samples: A C *



Confidence

(module implication)

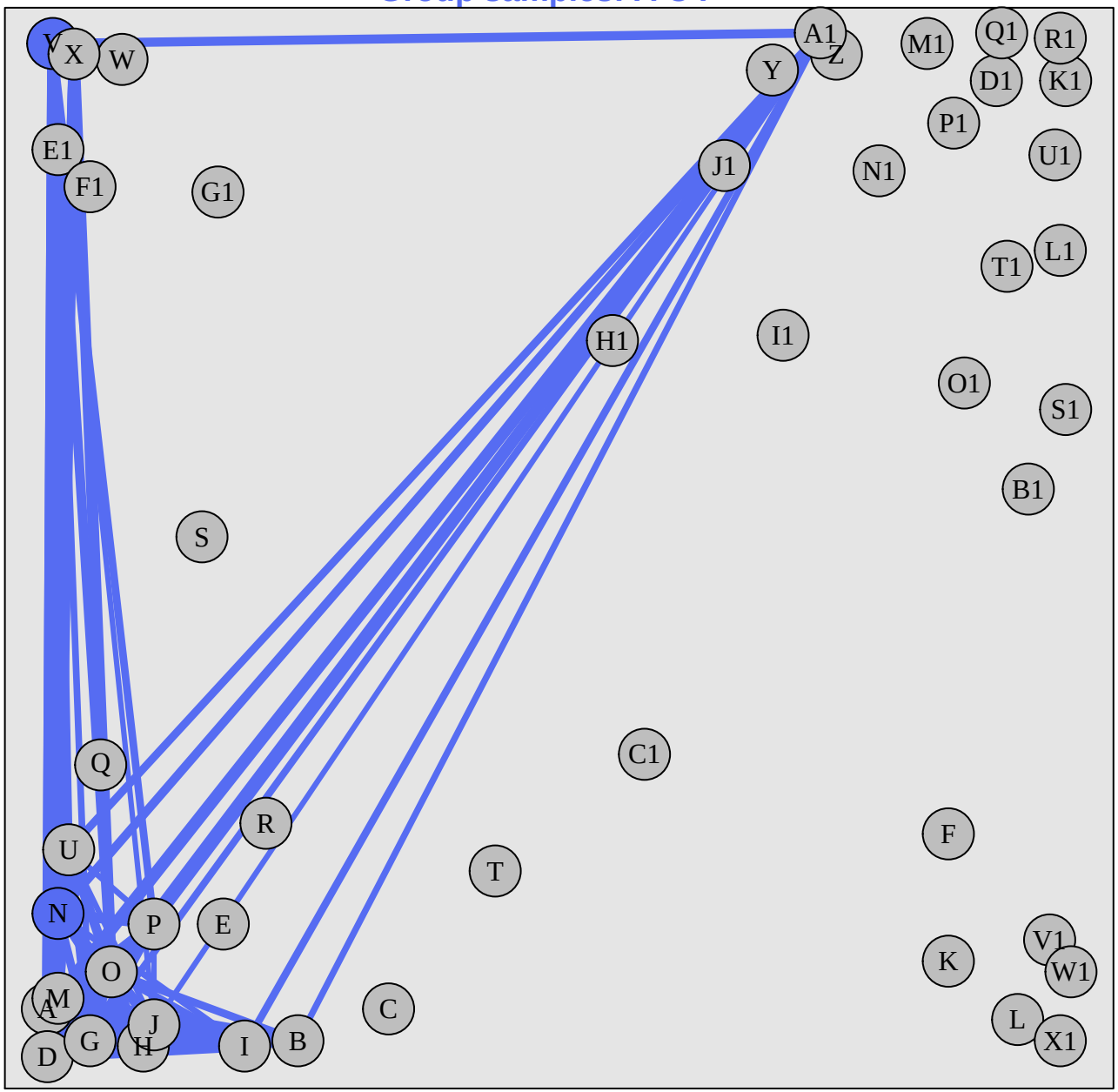
100%

50%

10%

Module implications (basket algorithm)

Group samples: A C F *



Confidence

(module implication)

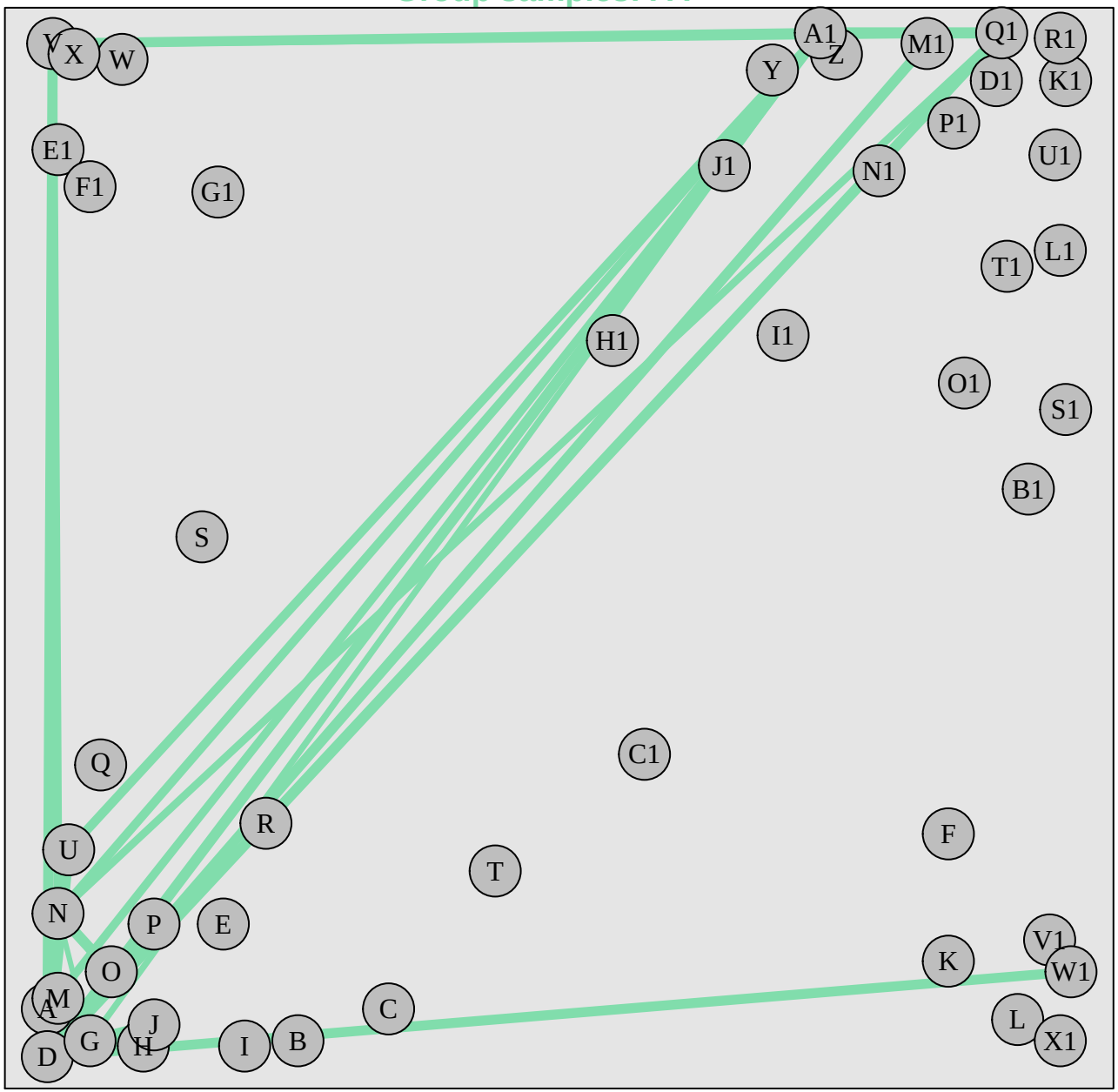
100%

50%

10%

Module implications (basket algorithm)

Group samples: A F *



Confidence

(module implication)

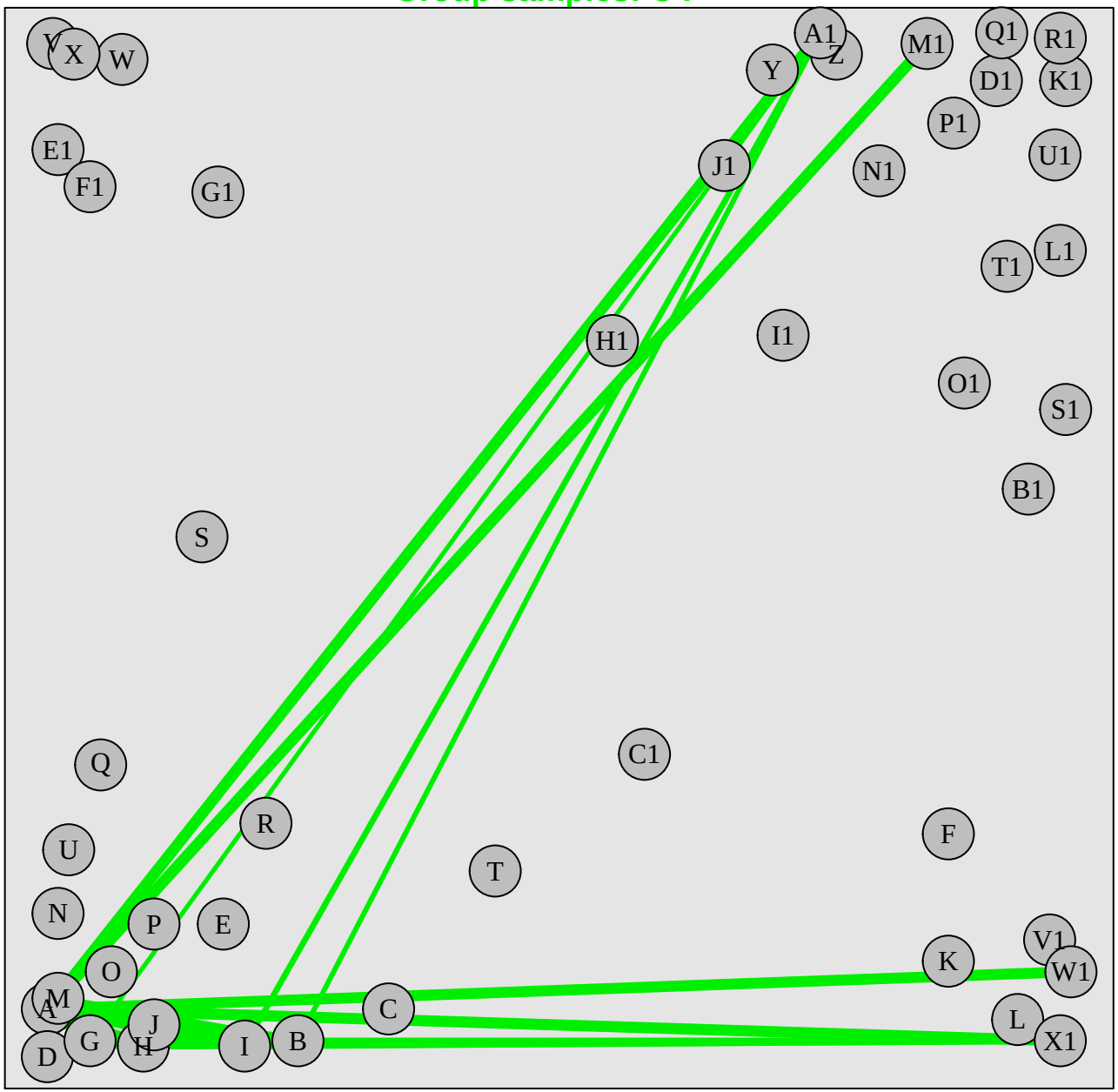
100%

50%

10%

Module implications (basket algorithm)

Group samples: C F *



Confidence

(module implication)

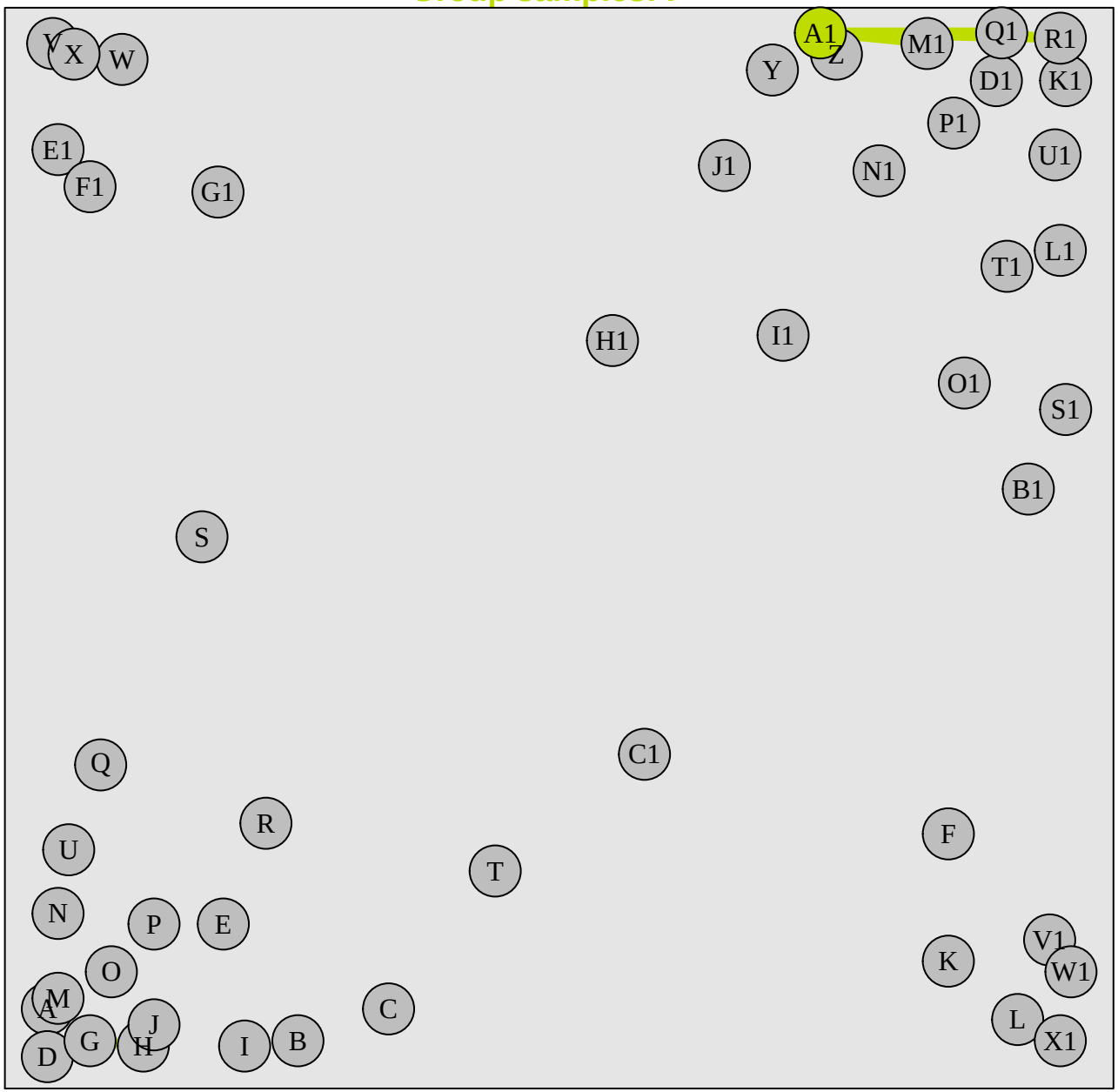
100%

50%

10%

Module implications (basket algorithm)

Group samples: F *



Confidence

(module implication)

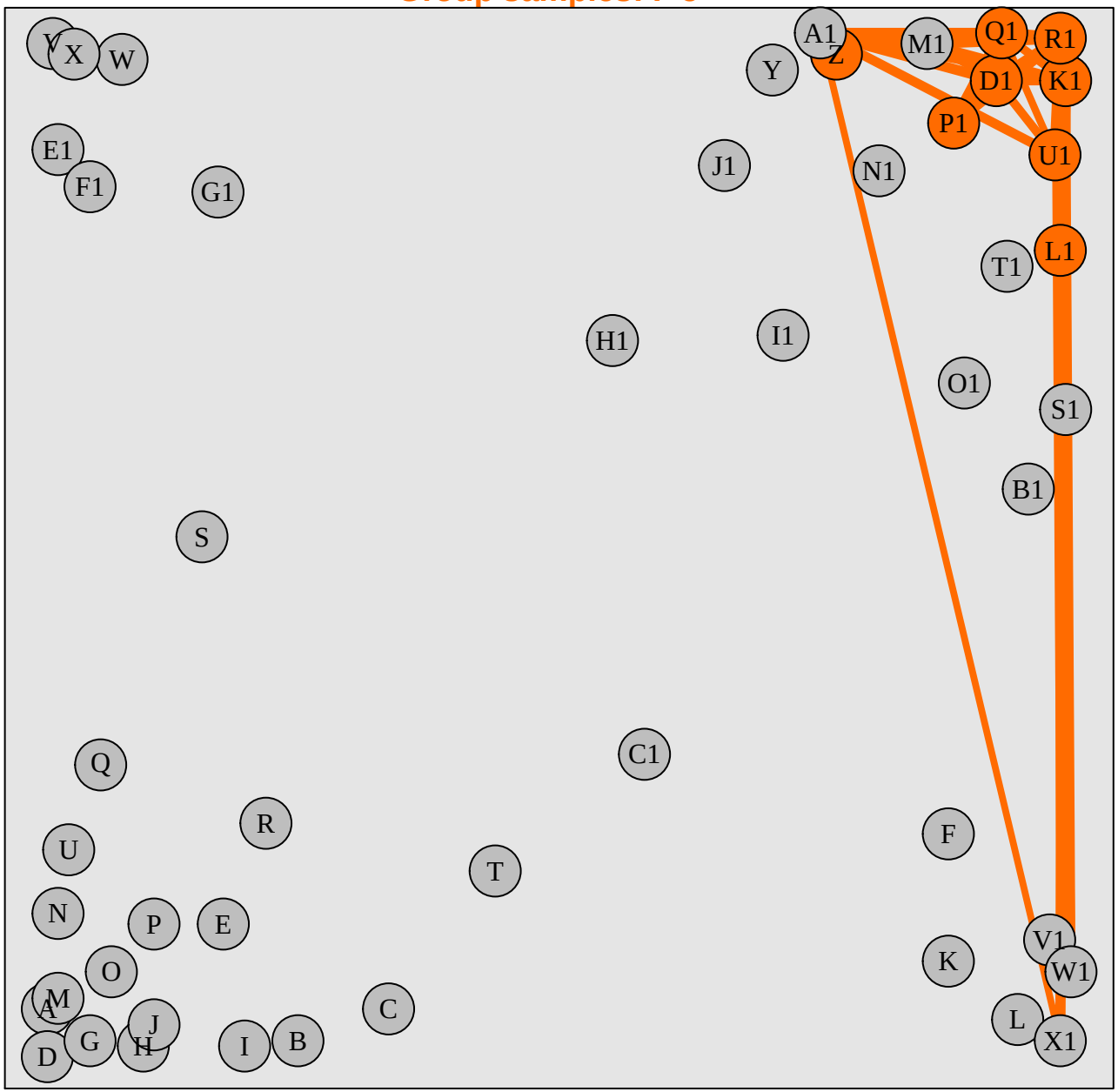
100%

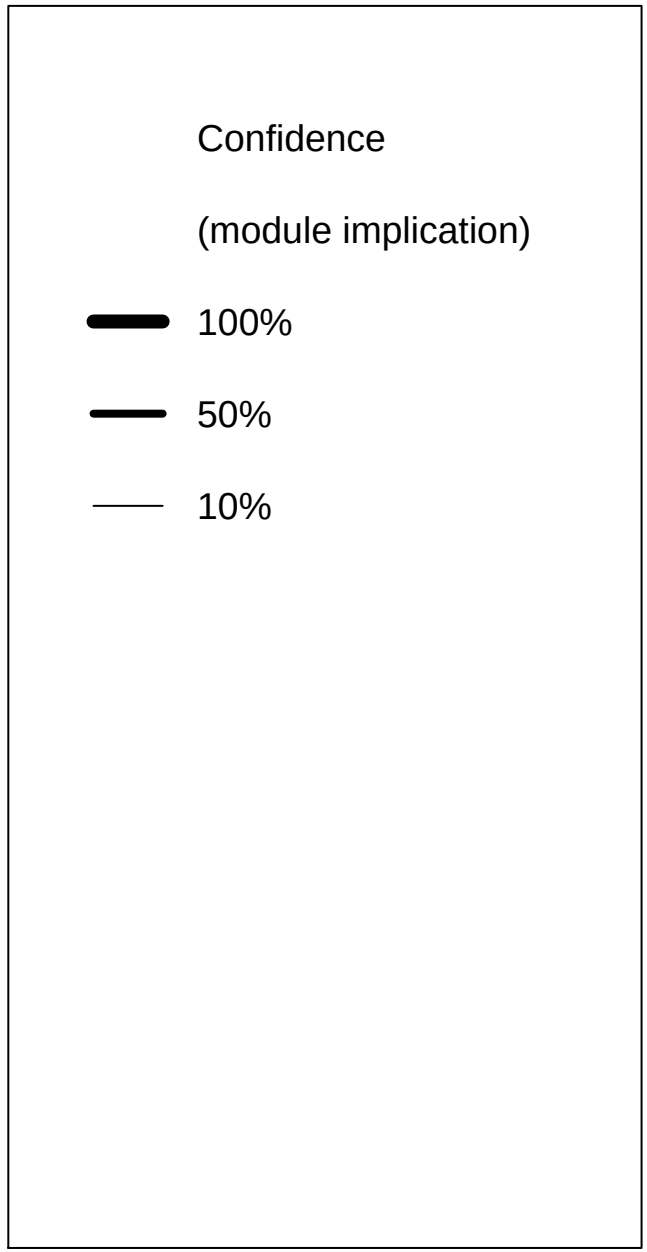
50%

10%

Module implications (basket algorithm)

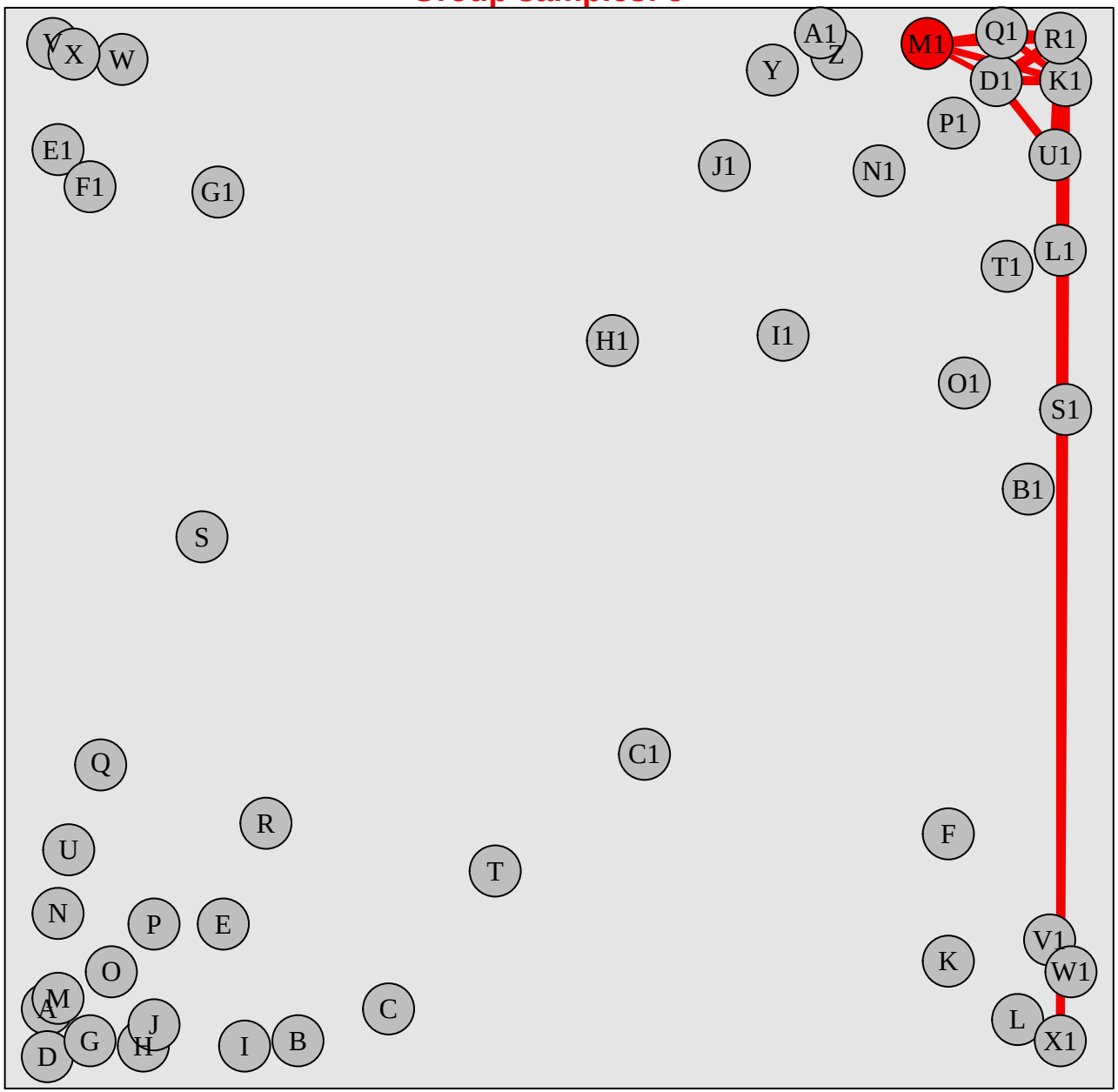
Group samples: F J *





Module implications (basket algorithm)

Group samples: J *



Confidence

(module implication)

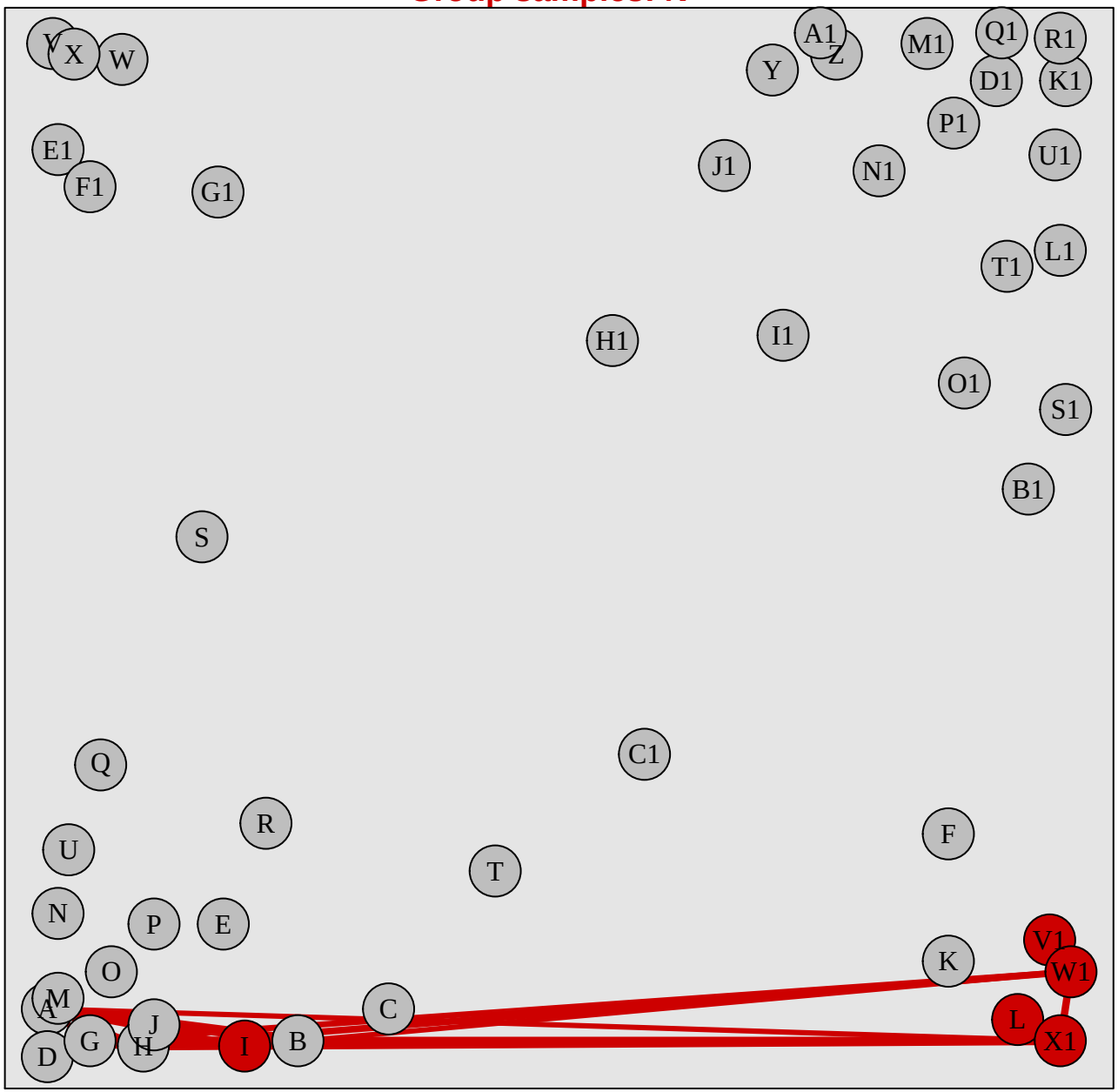
100%

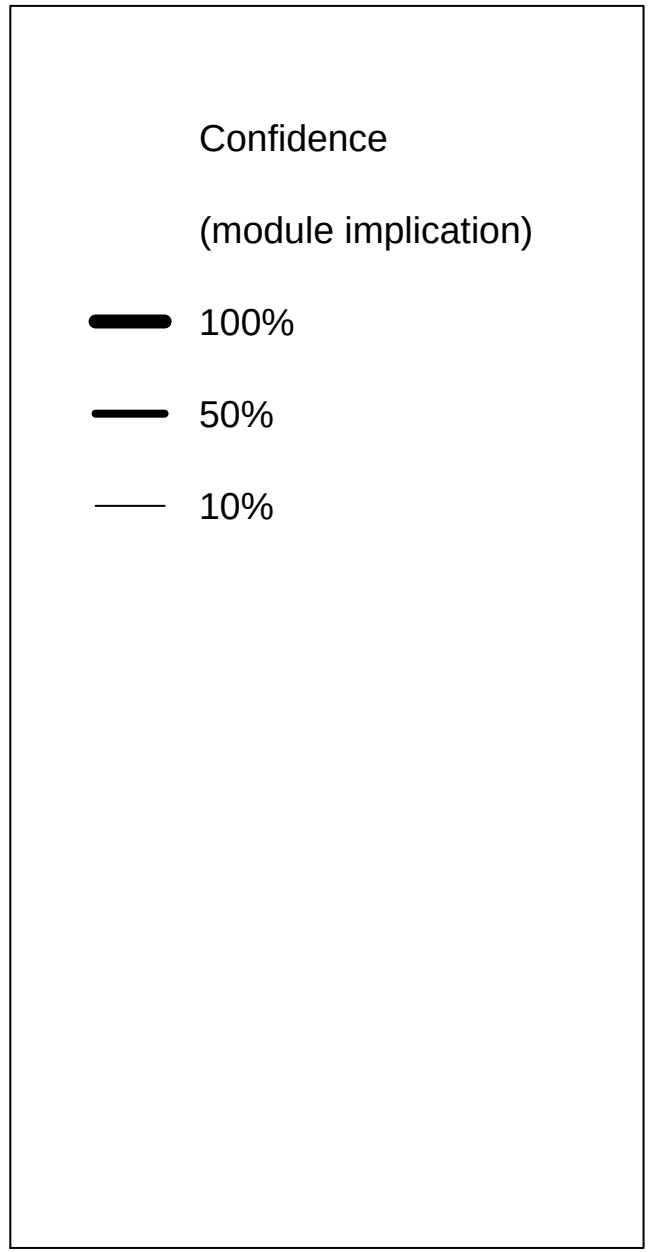
50%

10%

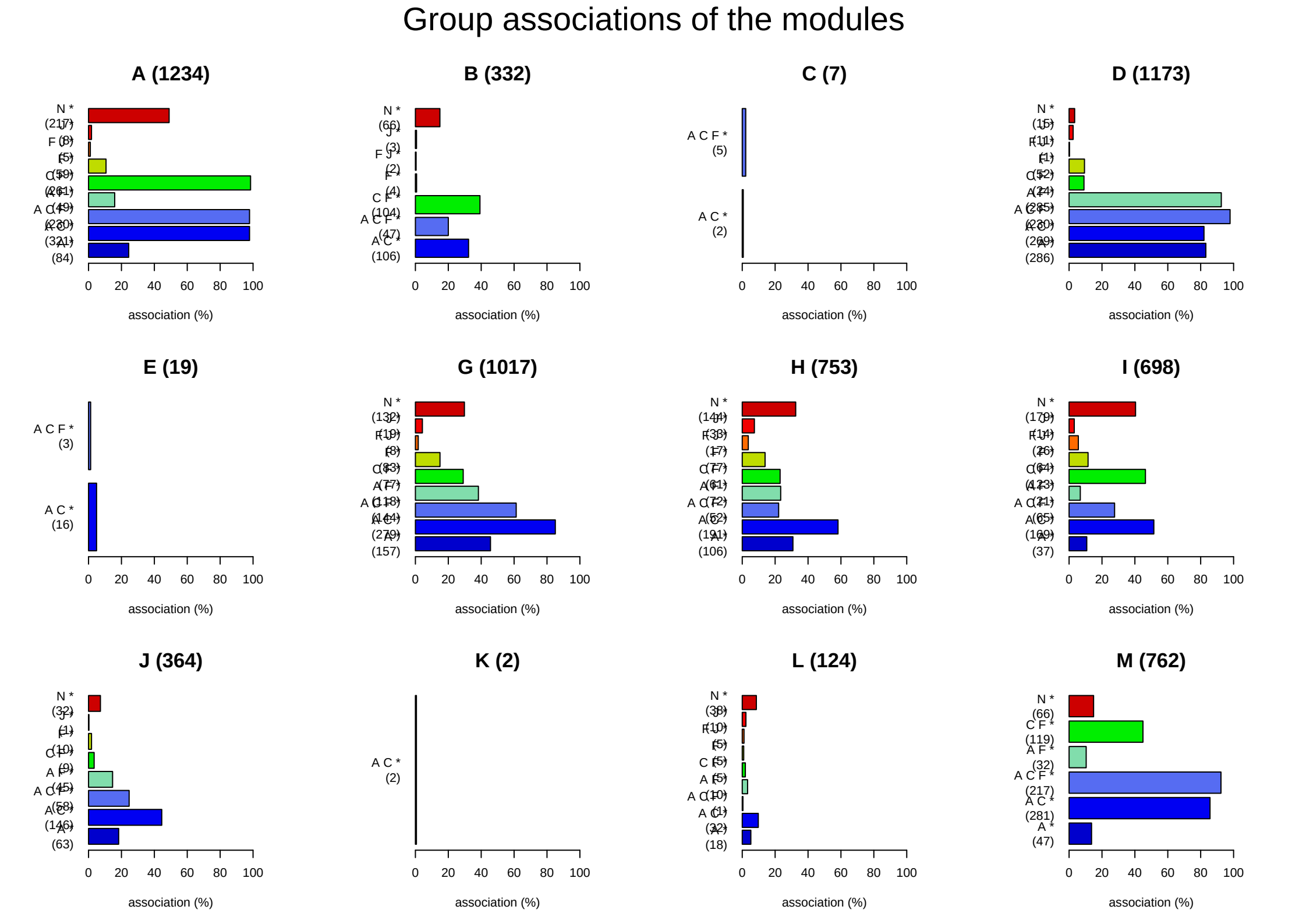
Module implications (basket algorithm)

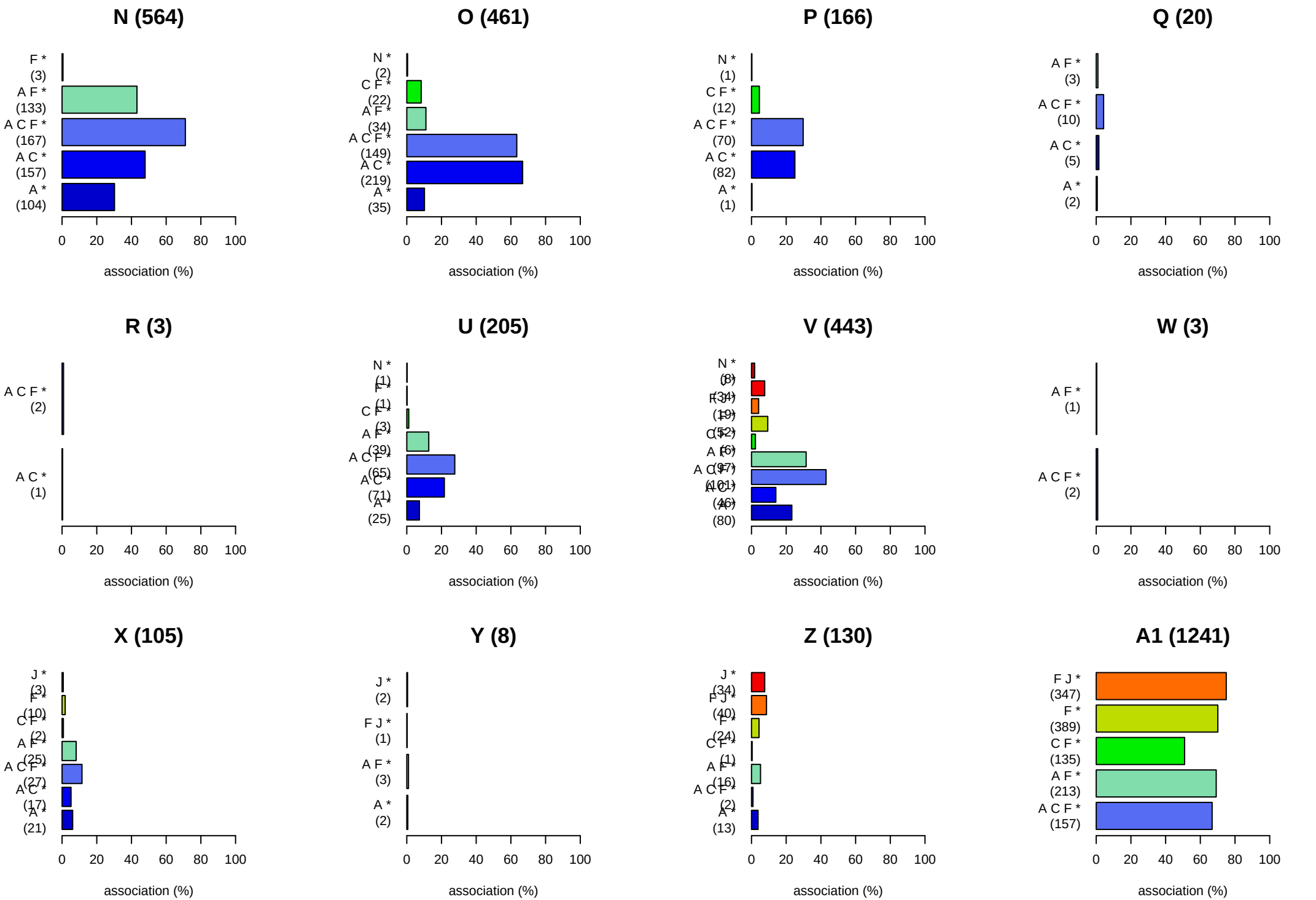
Group samples: N *

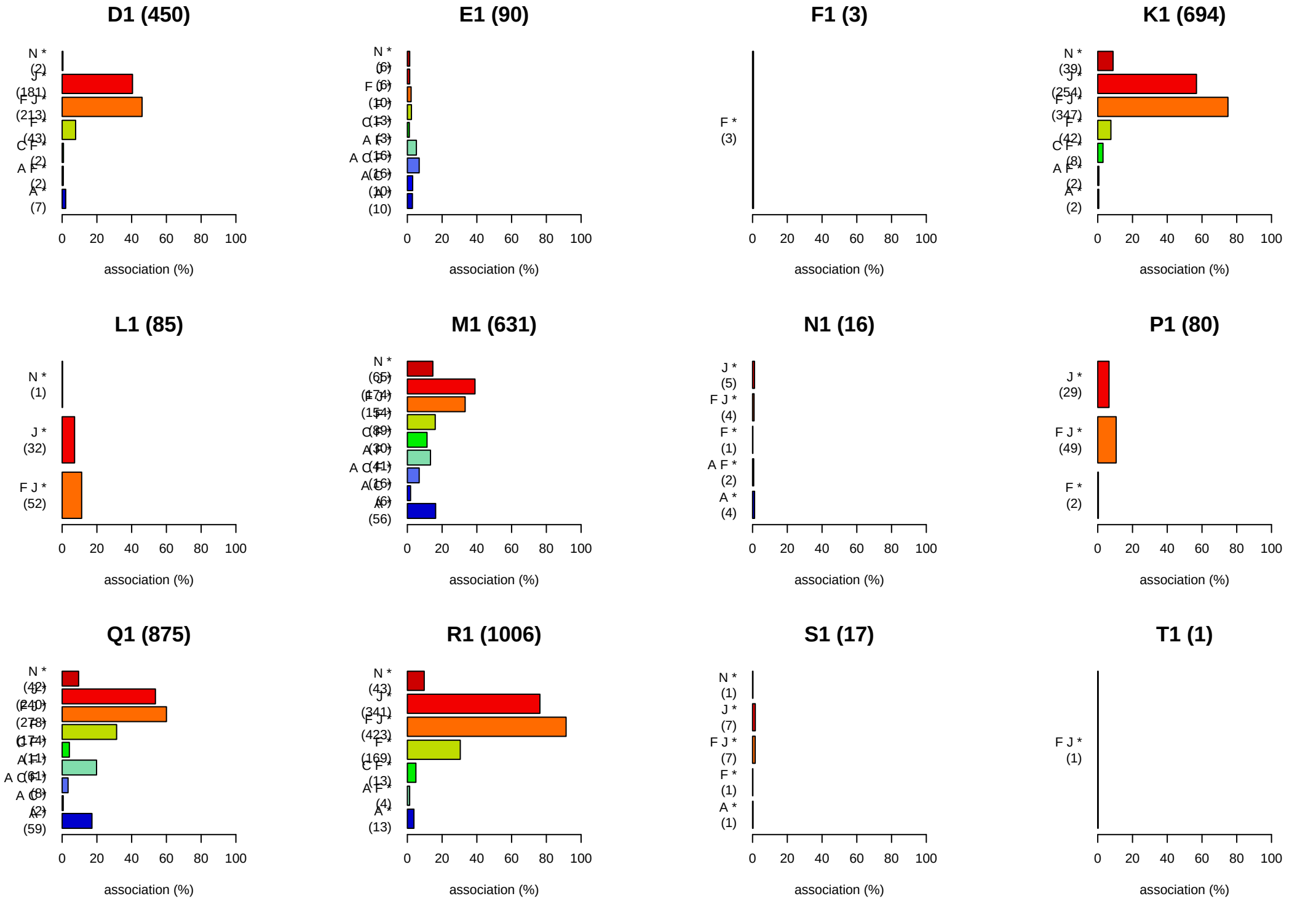


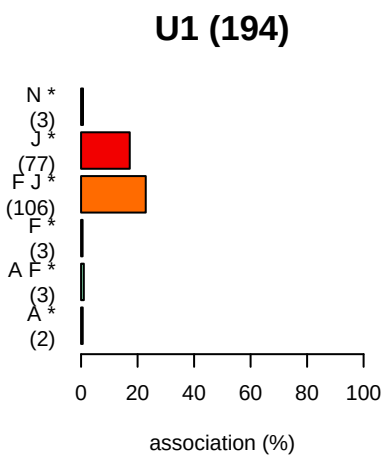


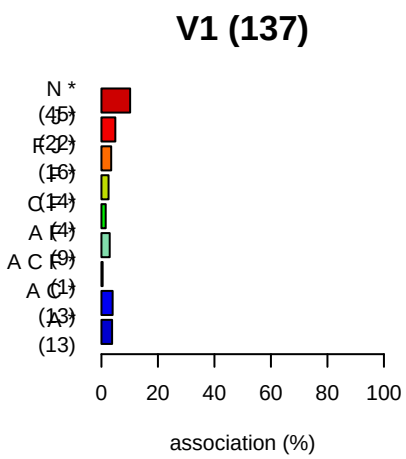
Group associations of the modules

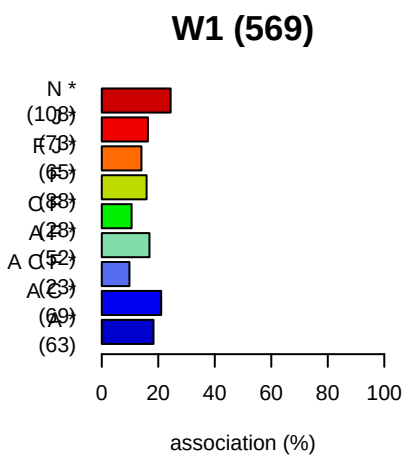


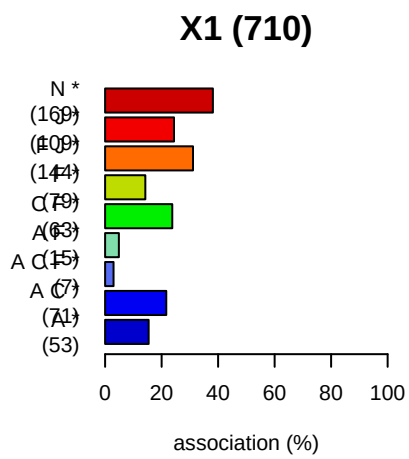

N (564)
F * (3)
A F * (133)
A C F * (167)
A C * (157)
A * (104)
O (461)
N * (2)
C F * (22)
A F * (34)
A C F * (149)
A C * (219)
A * (35)
P (166)
N * (1)
C F * (12)
A C F * (70)
A C * (82)
A * (1)
Q (20)
A F * (3)
A C F * (10)
A C * (5)
A * (2)
R (3)
A C F * (2)
A C * (1)
U (205)
N * (1)
F * (1)
C F * (3)
A F * (39)
A C F * (65)
A C * (71)
A * (25)
V (443)
N * (8)
F * (34)
C F * (19)
A F * (52)
A C F * (97)
A C * (101)
A * (46)
A (80)
W (3)
A F * (1)
A C F * (2)
X (105)
J * (3)
F * (10)
C F * (2)
A F * (25)
A C F * (27)
A C * (17)
A * (21)
Y (8)
J * (2)
F J * (1)
A F * (3)
A * (2)
Z (130)
J * (34)
F J * (40)
F * (24)
C F * (1)
A F * (16)
A C F * (2)
A * (13)
A1 (1241)
F J * (347)
F * (389)
C F * (135)
A F * (213)
A C F * (157)
0 20 40 60 80 100
association (%)


D1 (450)
N * (2)
J * (181)
F J * (213)
F * (43)
C F * (2)
A F * (2)
A * (7)
E1 (90)
N * (6)
J * (6)
F J * (10)
F * (13)
C F * (3)
A F * (16)
A C F * (16)
A C * (10)
A * (10)
F1 (3)
F * (3)
K1 (694)
N * (39)
J * (254)
F J * (347)
F * (42)
C F * (8)
A F * (2)
A * (2)
L1 (85)
N * (1)
J * (32)
F J * (52)
M1 (631)
N * (65)
J * (174)
F J * (154)
F * (89)
C F * (30)
A F * (41)
A C F * (16)
A C * (6)
A * (56)
N1 (16)
J * (5)
F J * (4)
F * (1)
A F * (2)
A * (4)
P1 (80)
J * (29)
F J * (49)
F * (2)
Q1 (875)
N * (42)
J * (240)
F J * (278)
F * (174)
C F * (11)
A F * (61)
A C F * (8)
A C * (2)
A * (59)
R1 (1006)
N * (43)
J * (341)
F J * (423)
F * (169)
C F * (13)
A F * (4)
A * (13)
S1 (17)
N * (1)
J * (7)
F J * (7)
F * (1)
A * (1)
T1 (1)
F J * (1)
0 20 40 60 80 100
association (%)


U1 (194)
N * (3)
J * (77)
F J * (106)
F * (3)
A F * (3)
A * (2)
0
20
40
60
80
100
association (%)

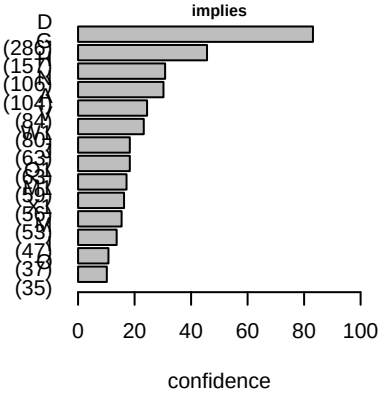

V1 (137)
N * (45)
J * (22)
F J * (16)
F * (14)
A F * (4)
A C F * (9)
A C * (1)
A * (13)
(13)
0
20
40
60
80
100
association (%)


W1 (569)
N * (108)
J * (78)
F J * (65)
F * (88)
A F * (28)
A C F * (52)
A C * (23)
A * (69)
(63)
0
20
40
60
80
100
association (%)

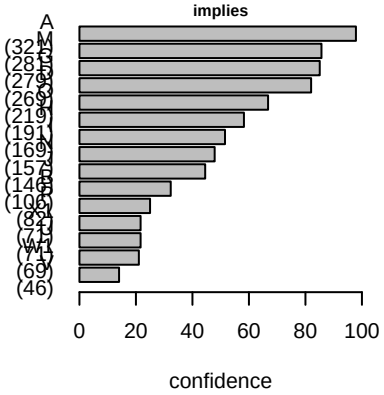

X1 (710)
N * (169)
J * (109)
F J * (144)
F * (79)
A F * (63)
A C F * (15)
A C * (7)
A * (71)
(53)
0
20
40
60
80
100
association (%)

Module implications of the groups (basket algorithm)

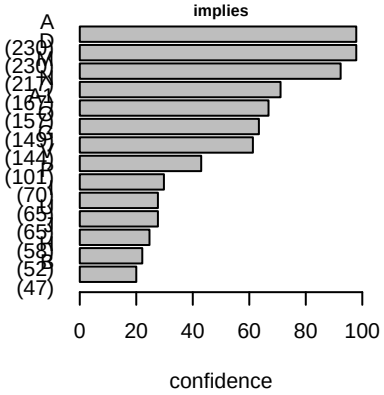
A * (344)



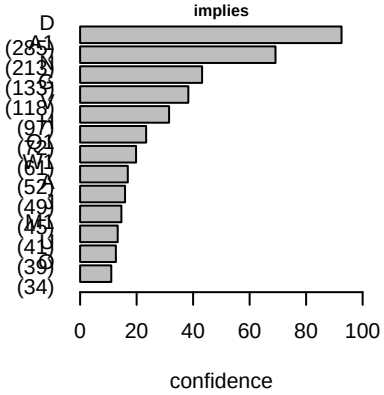
A C * (328)



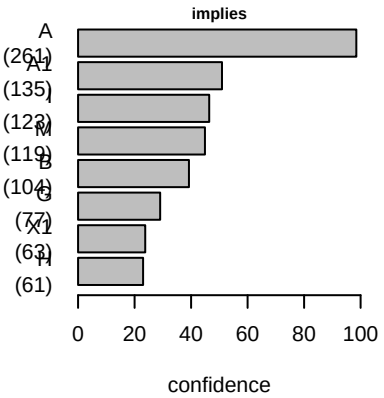
A C F * (235)



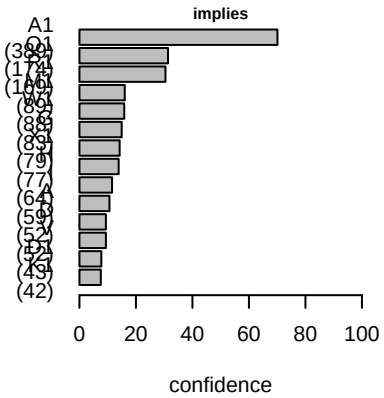
A F * (308)



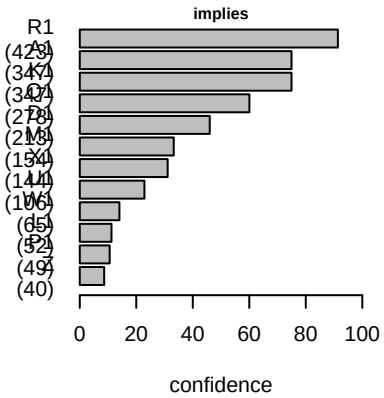
C F * (265)



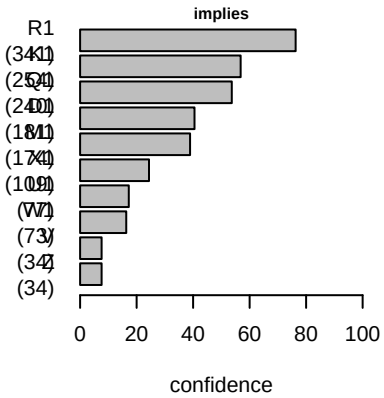
F * (555)



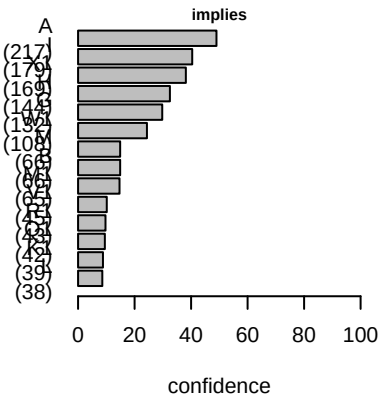
F J * (463)



J * (447)

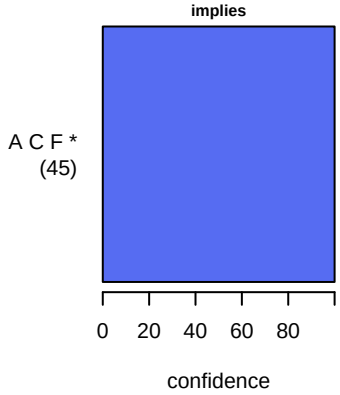


N * (443)

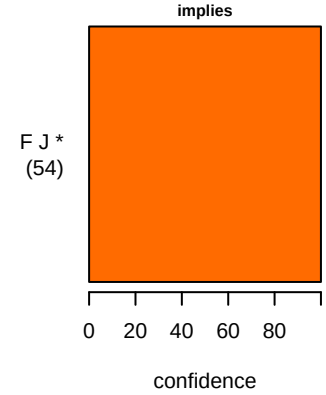


Group implications of the modules (basket algorithm)

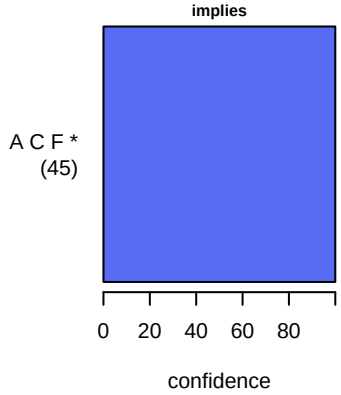
A,D,M,N,O,P,A1 (45)



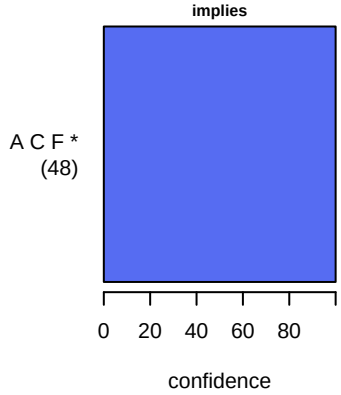
A1,D1,K1,M1,Q1,R1 (54)



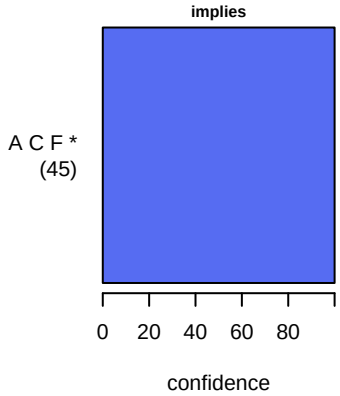
A,D,M,N,P,A1 (45)



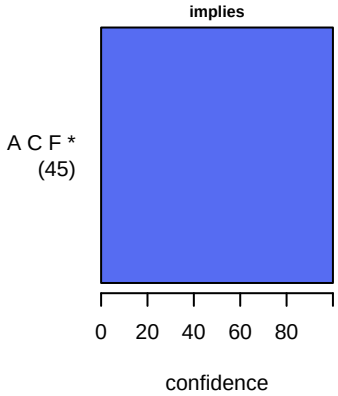
A,D,M,O,P,A1 (48)



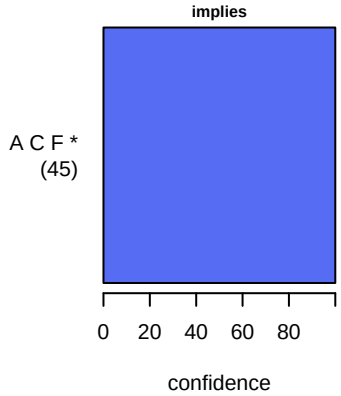
A,D,N,O,P,A1 (45)



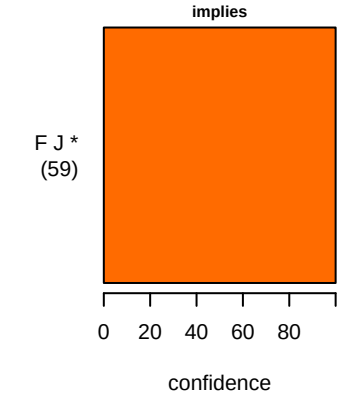
A,M,N,O,P,A1 (45)



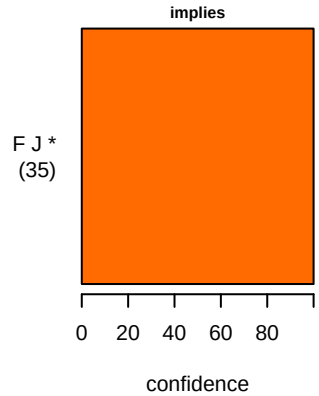
D,M,N,O,P,A1 (45)



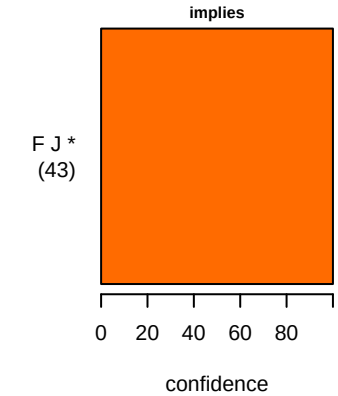
A1,D1,K1,Q1,R1,U1 (59)



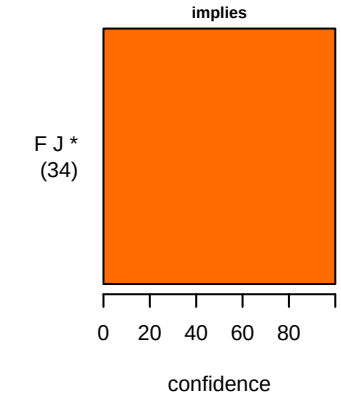
A1,D1,K1,M1,R1,U1 (35)



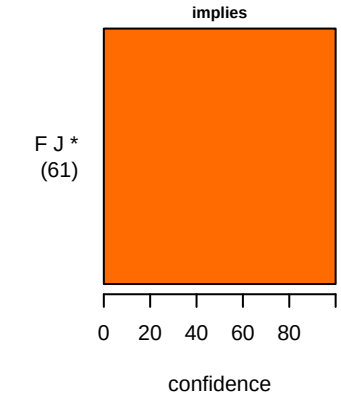
A1,D1,K1,P1,Q1,R1 (43)



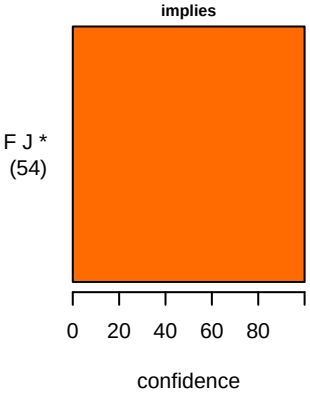
A1,K1,Q1,R1,X1 (34)



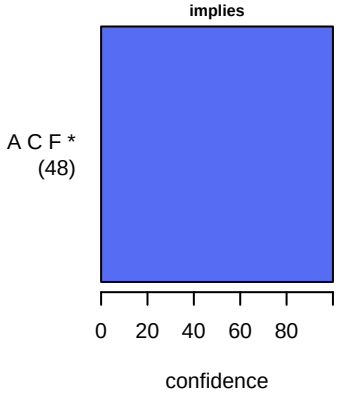
A1,D1,K1,M1,R1 (61)



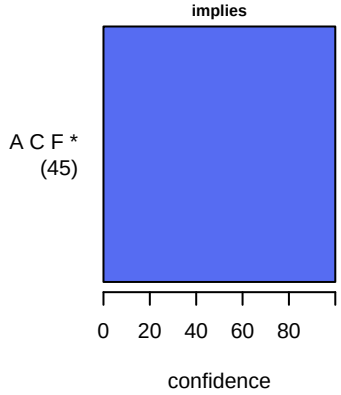
A1,D1,K1,M1,Q1 (54)



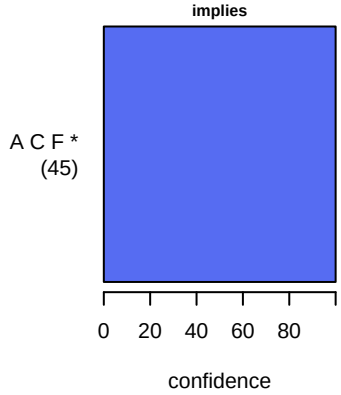
A,D,M,P,A1 (48)



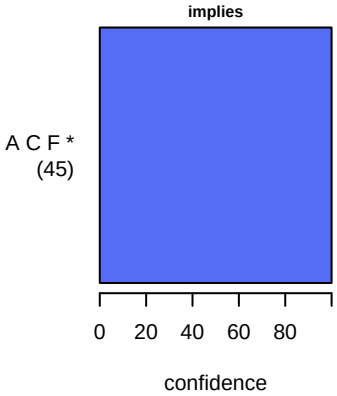
A,D,N,P,A1 (45)



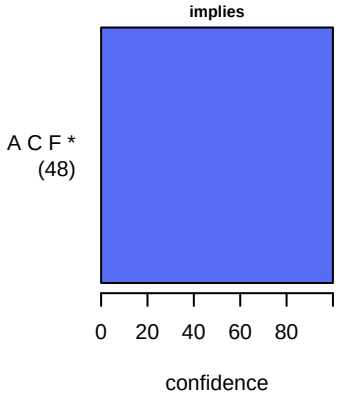
A,M,N,P,A1 (45)



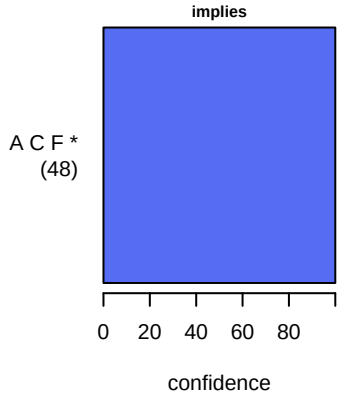
D,M,N,P,A1 (45)



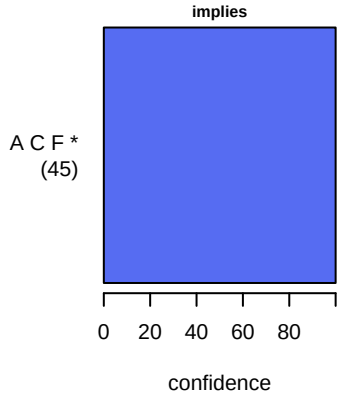
A,D,O,P,A1 (48)



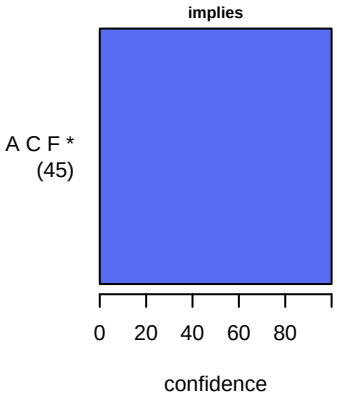
D,M,O,P,A1 (48)



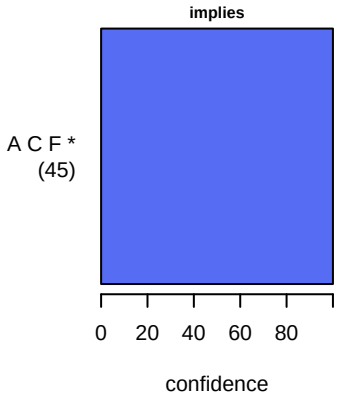
A,N,O,P,A1 (45)



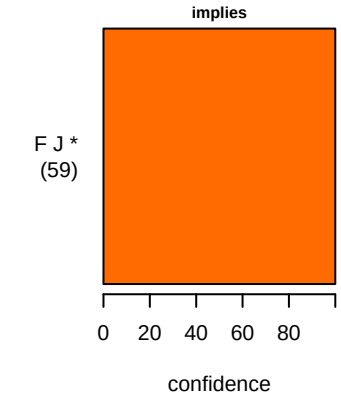
D,N,O,P,A1 (45)



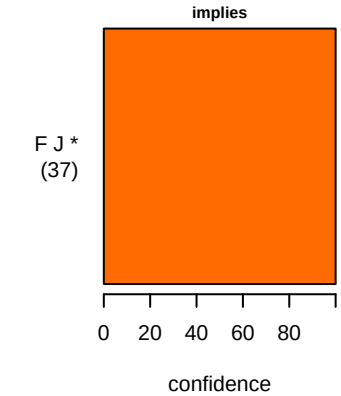
M,N,O,P,A1 (45)



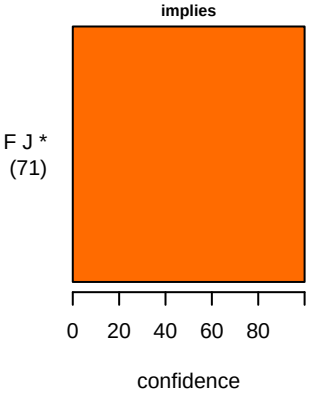
A1,K1,Q1,R1,U1 (59)



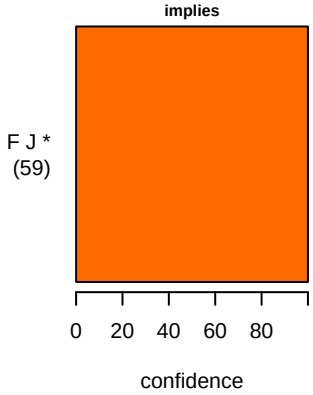
A1,K1,M1,R1,U1 (37)



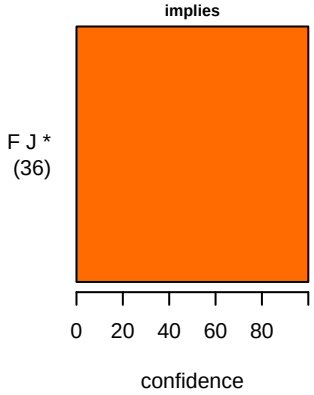
A1,D1,K1,R1,U1 (71)



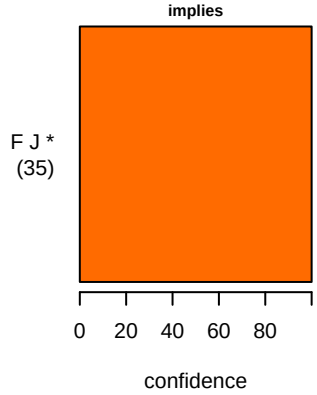
A1,D1,K1,Q1,U1 (59)



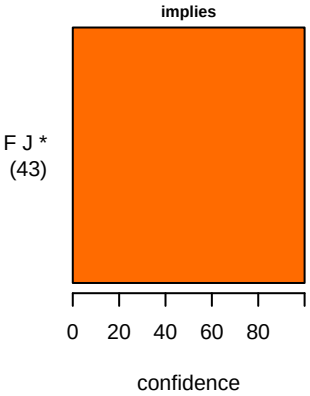
A1,D1,M1,R1,U1 (36)



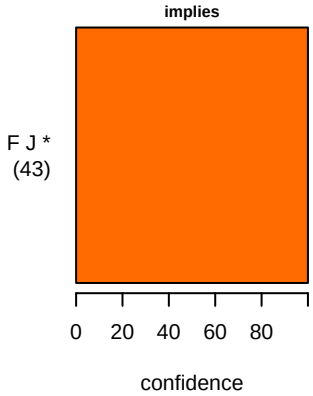
A1,D1,K1,M1,U1 (35)



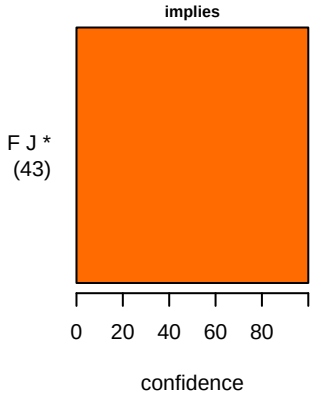
A1,K1,P1,Q1,R1 (43)



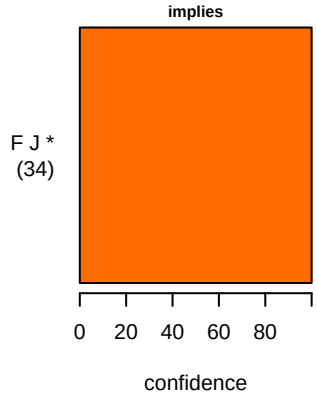
A1,D1,K1,P1,R1 (43)



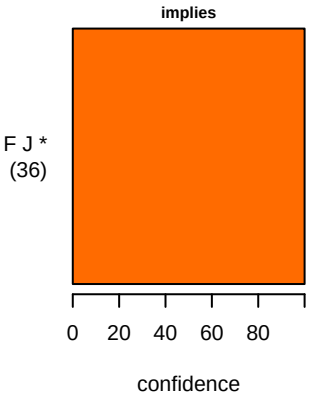
A1,D1,K1,P1,Q1 (43)



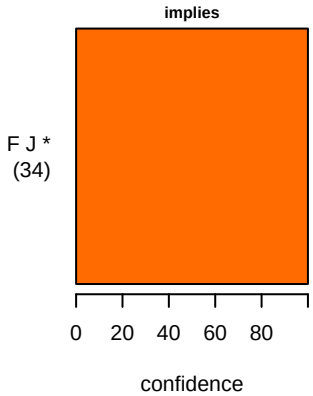
A1,K1,L1,Q1,R1 (34)



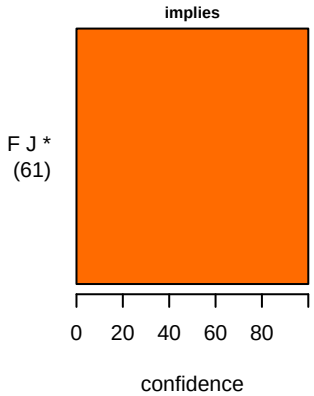
A1,Q1,R1,X1 (36)



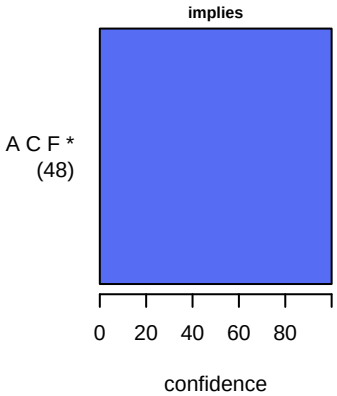
A1,K1,Q1,X1 (34)



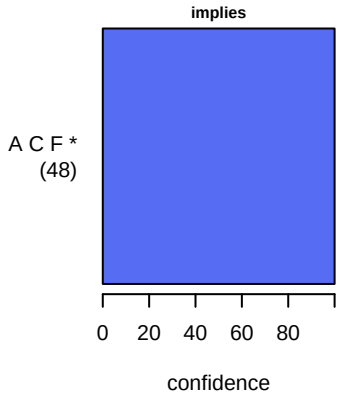
A1,D1,K1,M1 (61)



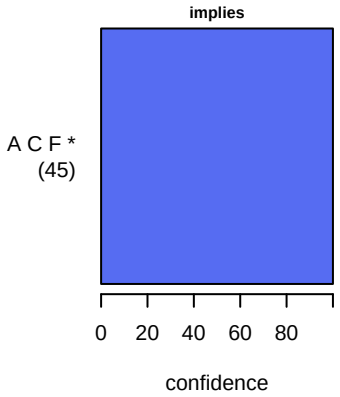
A,D,P,A1 (48)



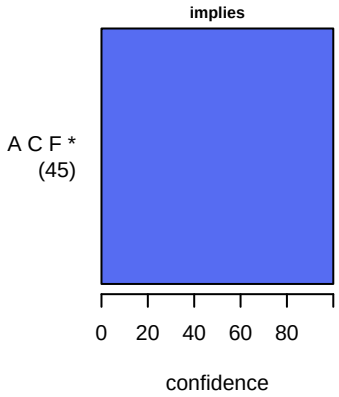
D,M,P,A1 (48)



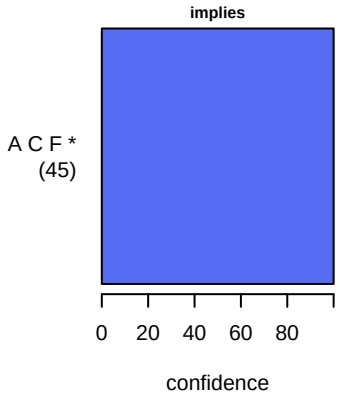
A,N,P,A1 (45)



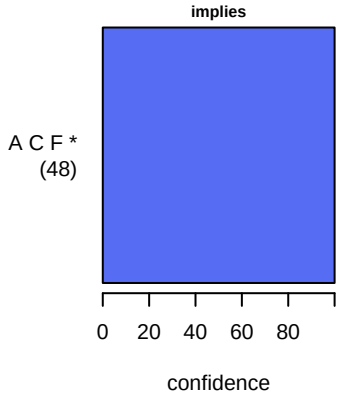
D,N,P,A1 (45)



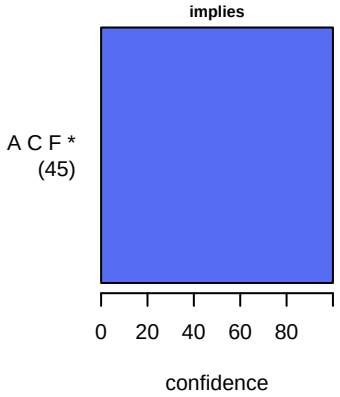
M,N,P,A1 (45)



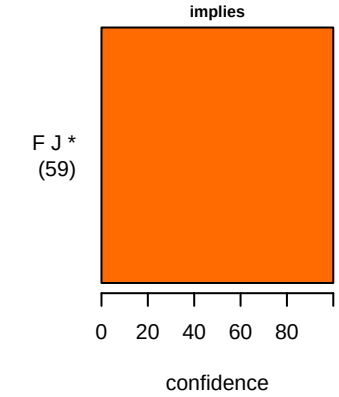
D,O,P,A1 (48)



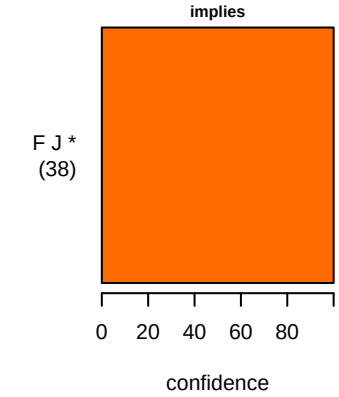
N,O,P,A1 (45)



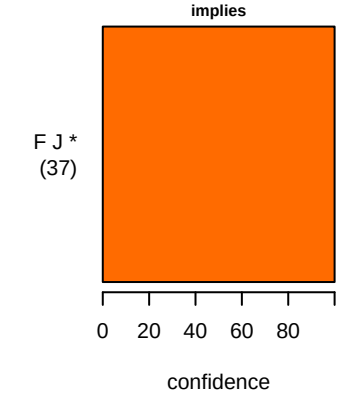
A1,K1,Q1,U1 (59)



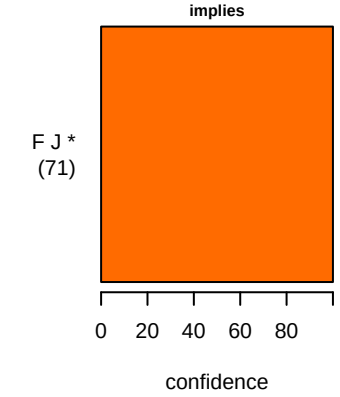
A1,M1,R1,U1 (38)



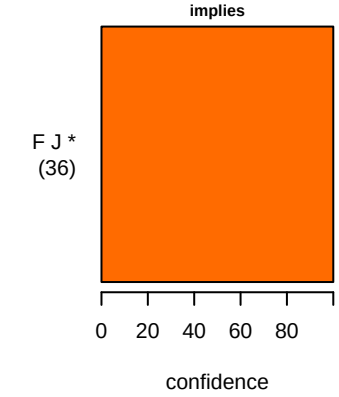
A1,K1,M1,U1 (37)



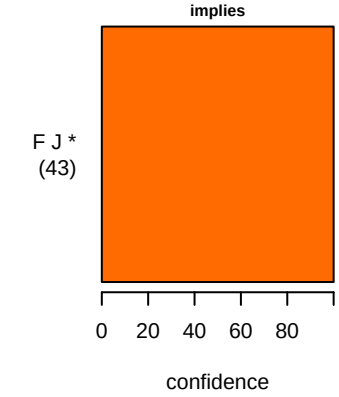
A1,D1,K1,U1 (71)



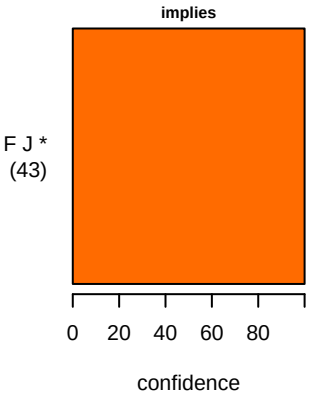
A1,D1,M1,U1 (36)



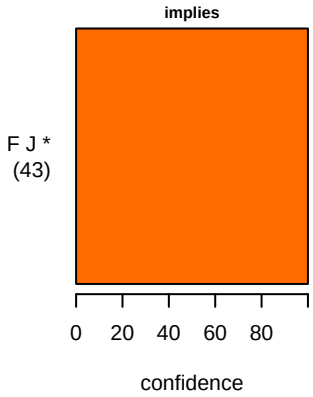
A1,K1,P1,R1 (43)



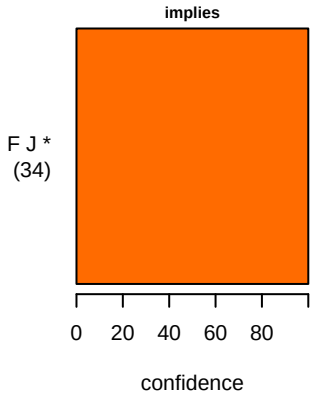
A1,K1,P1,Q1 (43)



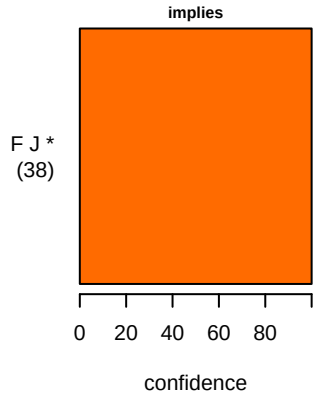
A1,D1,K1,P1 (43)



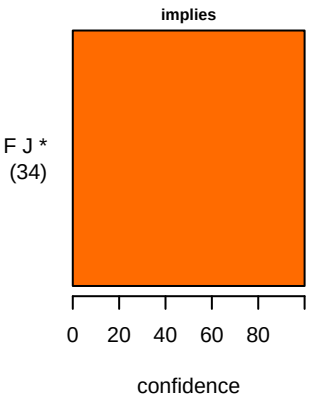
A1,L1,Q1,R1 (34)



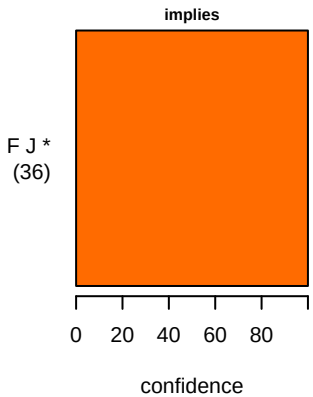
A1,K1,L1,R1 (38)



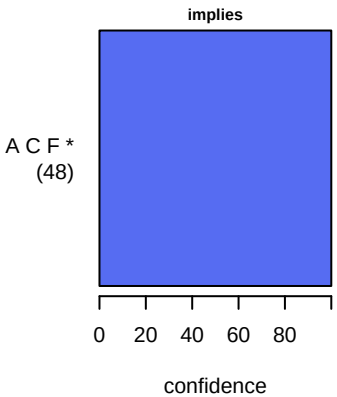
A1,K1,L1,Q1 (34)



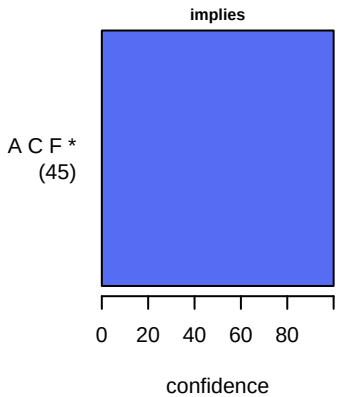
A1,Q1,X1 (36)



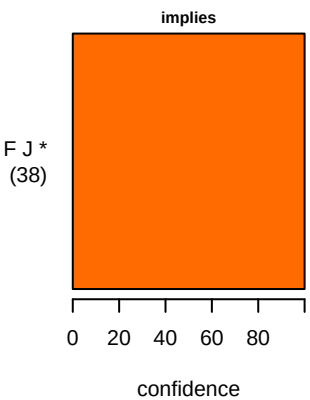
D,P,A1 (48)



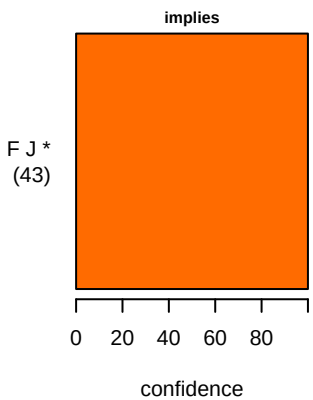
N,P,A1 (45)



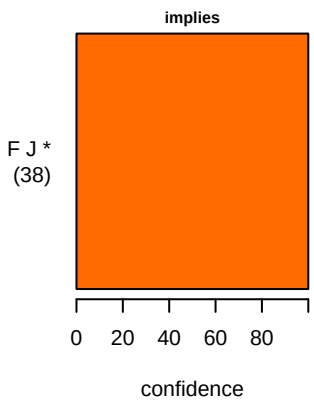
A1,M1,U1 (38)



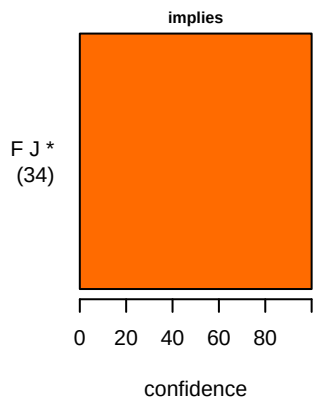
A1,K1,P1 (43)



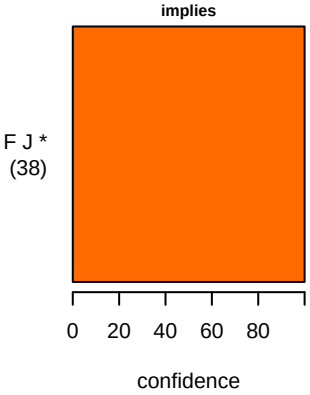
A1,L1,R1 (38)



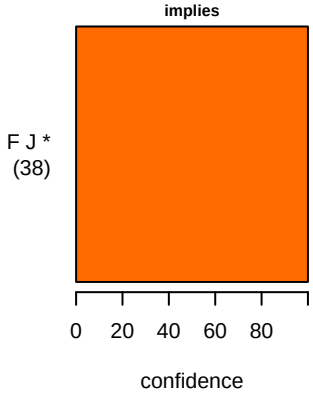
A1,L1,Q1 (34)



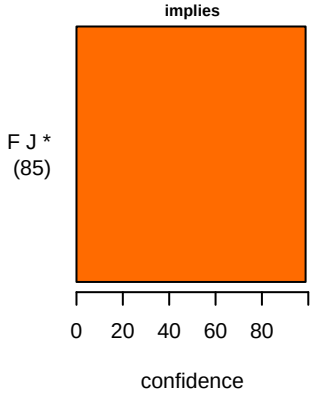
A1,K1,L1 (38)



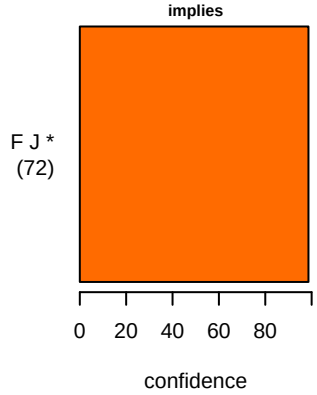
A1,L1 (38)



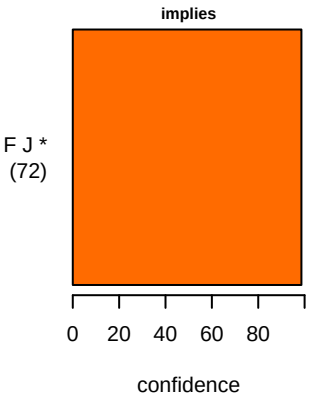
A1,K1,R1,U1 (86)



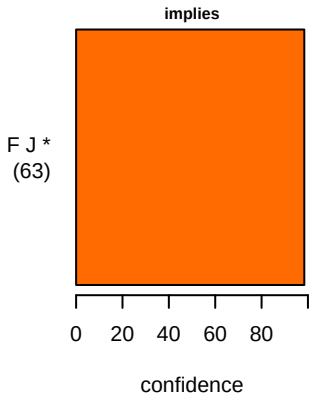
A1,D1,R1,U1 (73)



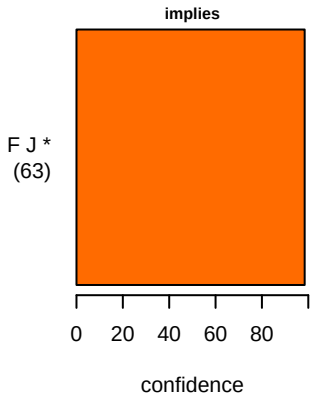
A1,D1,U1 (73)



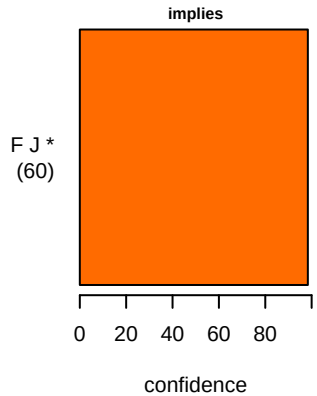
A1,K1,M1,Q1,R1 (64)



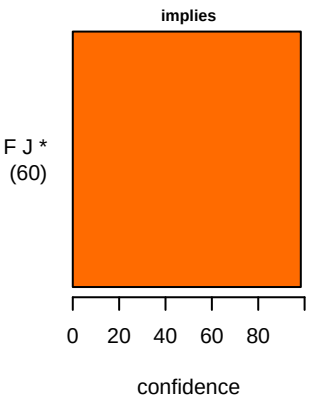
A1,K1,M1,Q1 (64)



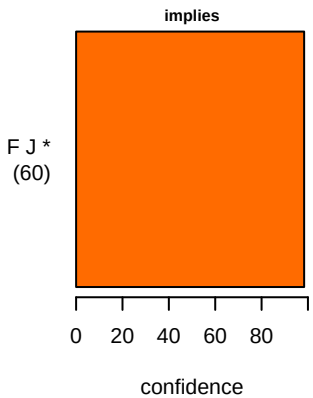
A1,D1,Q1,R1,U1 (61)



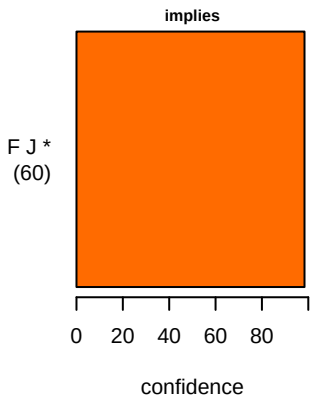
A1,Q1,R1,U1 (61)



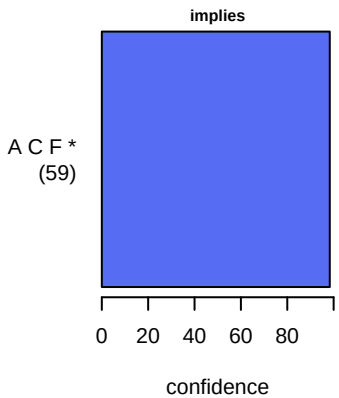
A1,D1,Q1,U1 (61)



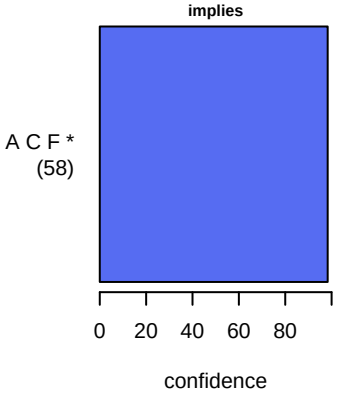
A1,Q1,U1 (61)



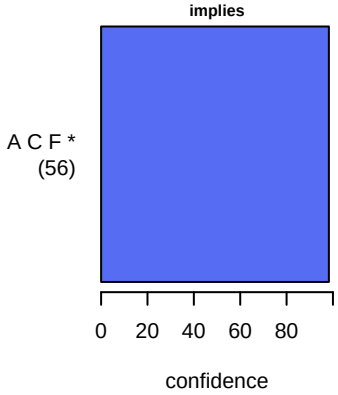
A,G,M,N,A1 (60)



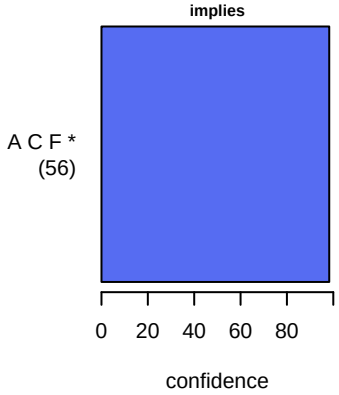
A,D,G,M,N,A1 (59)



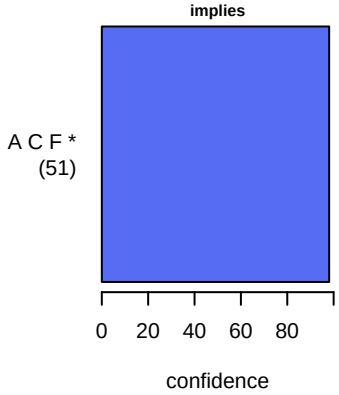
A,D,G,M,O,A1 (57)



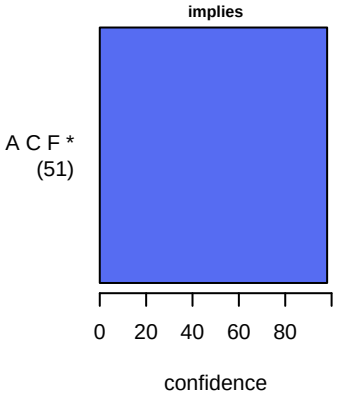
A,D,G,O,A1 (57)



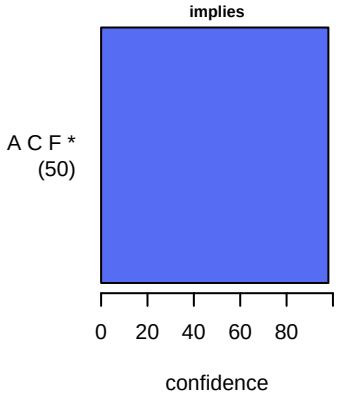
A,G,M,N,O,A1 (52)



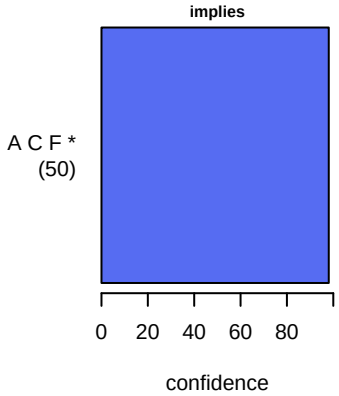
A,G,N,O,A1 (52)



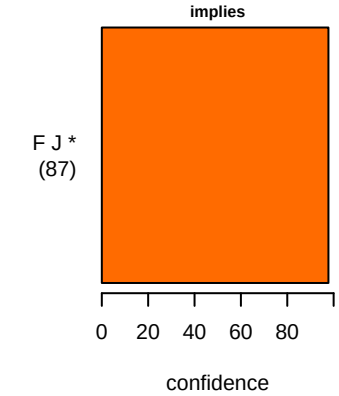
A,D,G,M,N,O,A1 (51)



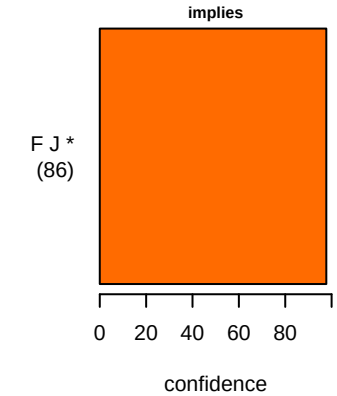
A,D,G,N,O,A1 (51)



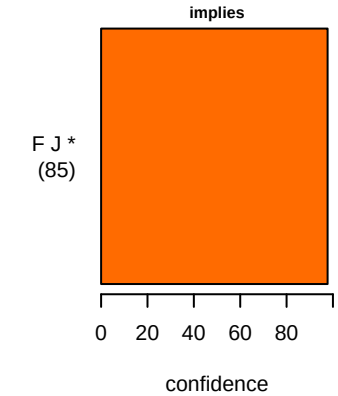
A1,K1,U1 (89)



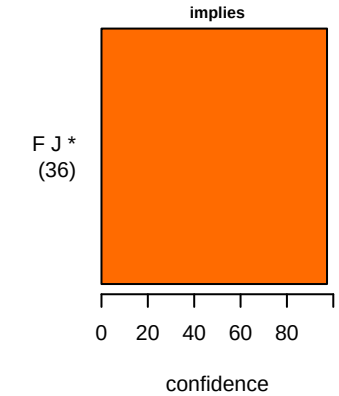
A1,R1,U1 (88)



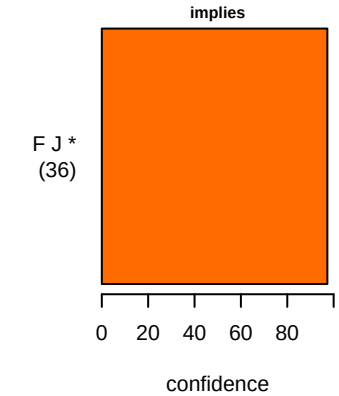
A1,K1,M1,R1 (87)



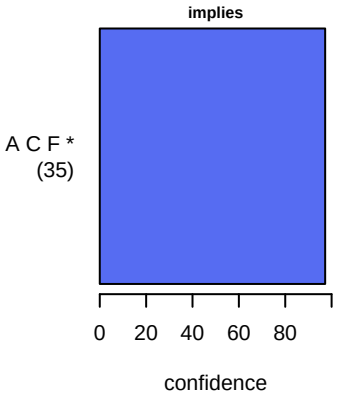
A1,K1,R1,U1,X1 (37)



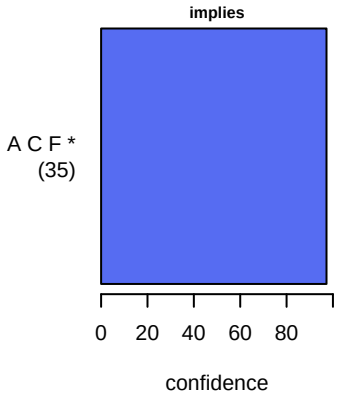
A1,R1,U1,X1 (37)



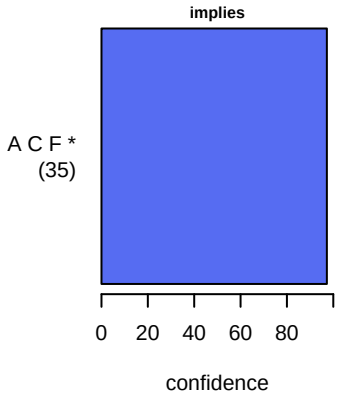
A,D,G,M,V,A1 (36)



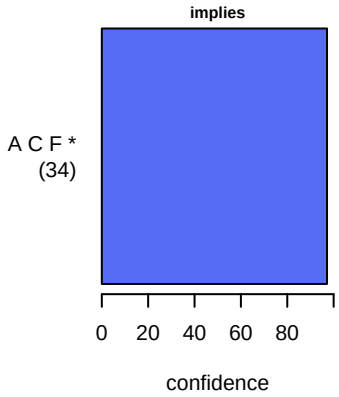
A,G,M,N,V,A1 (36)



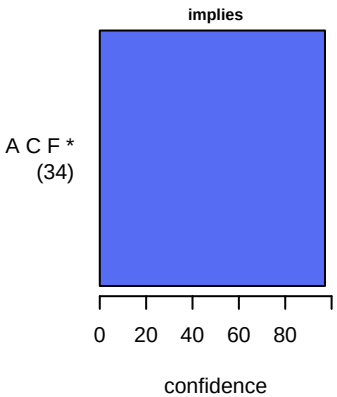
A,G,N,V,A1 (36)



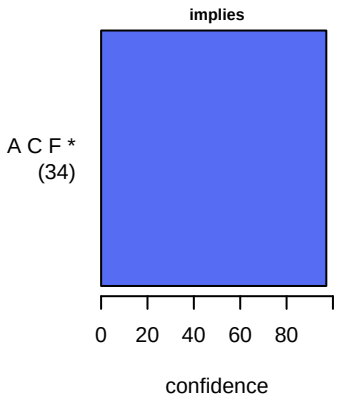
A,D,G,M,N,V,A1 (35)



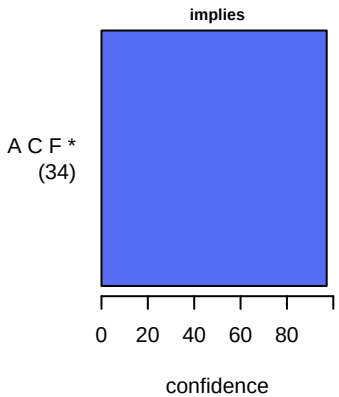
A,D,G,M,O,V,A1 (35)



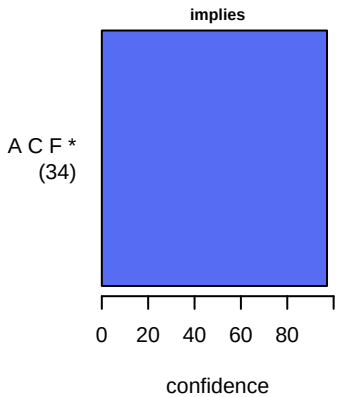
A,G,M,N,O,V,A1 (35)



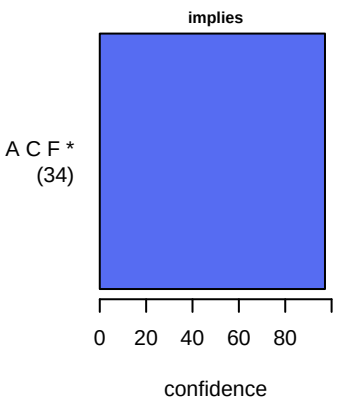
A,D,G,N,V,A1 (35)



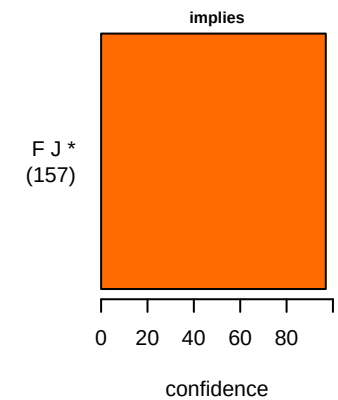
A,D,G,O,V,A1 (35)



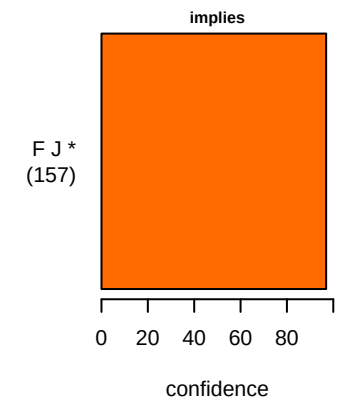
A,G,N,O,V,A1 (35)



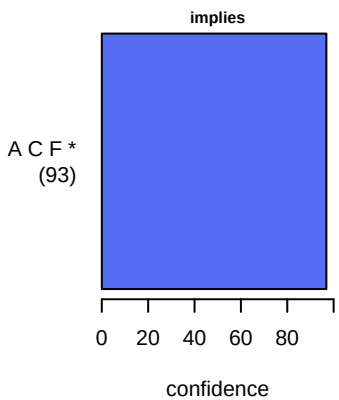
A1,D1,K1,R1 (162)



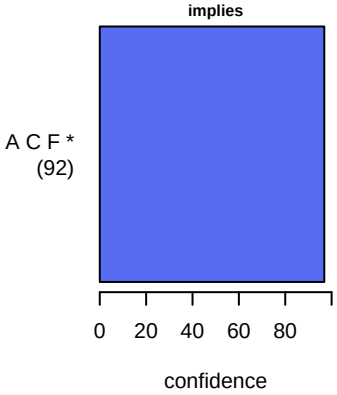
A1,D1,K1 (162)



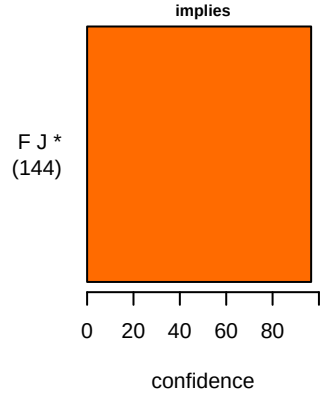
A,D,O,A1 (96)



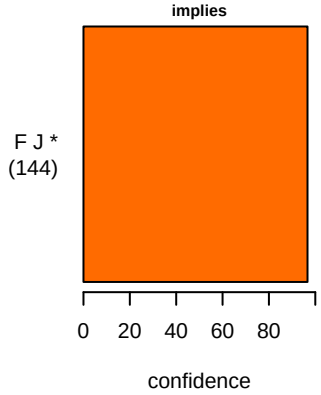
A,D,M,O,A1 (95)



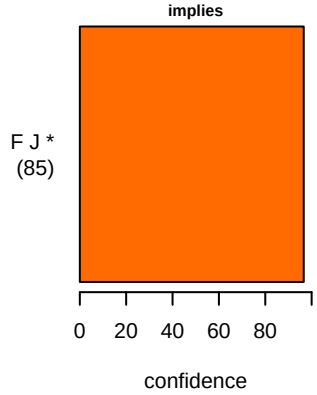
A1,D1,K1,Q1,R1 (149)



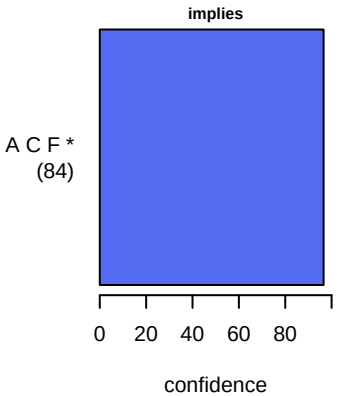
A1,D1,K1,Q1 (149)



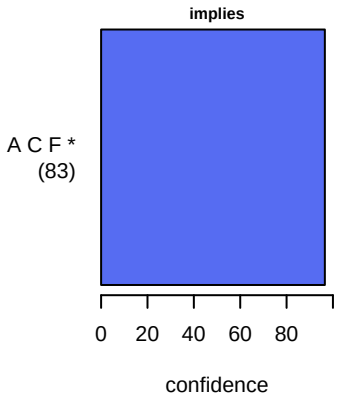
A1,K1,M1 (88)



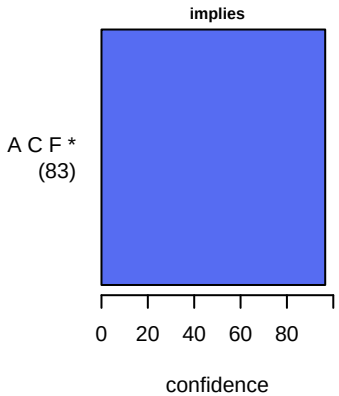
A,N,O,A1 (87)



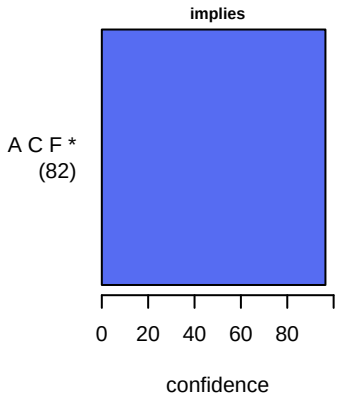
A,D,N,O,A1 (86)



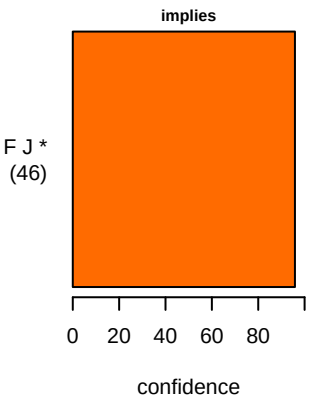
A,M,N,O,A1 (86)



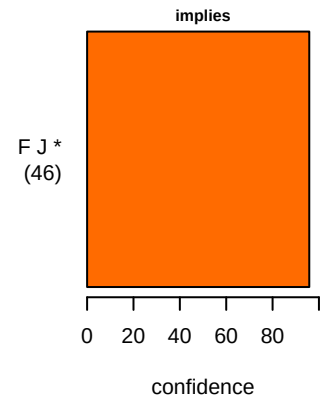
A,D,M,N,O,A1 (85)



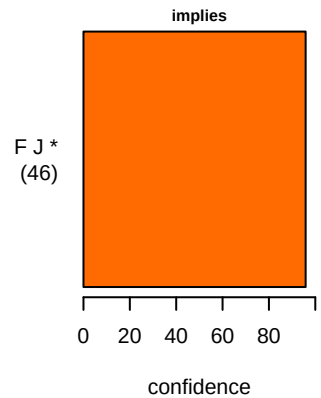
A1,D1,P1,Q1,R1 (48)



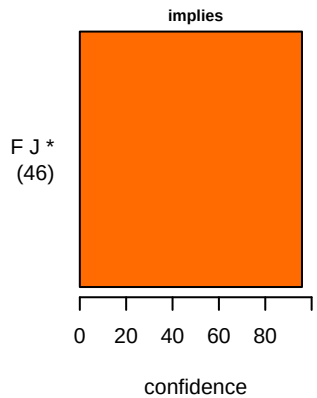
A1,P1,Q1,R1 (48)



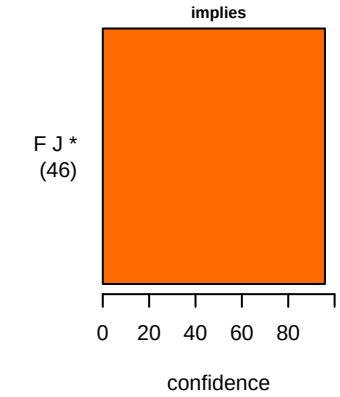
A1,D1,P1,R1 (48)



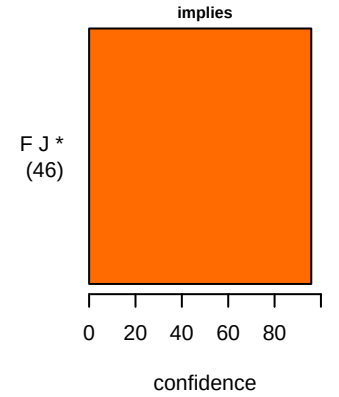
A1,D1,P1,Q1 (48)



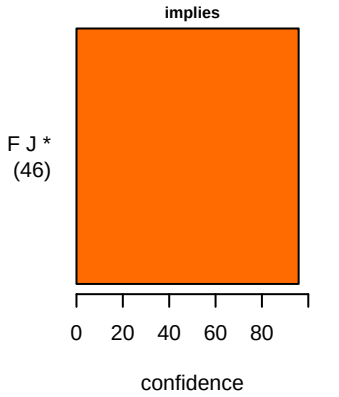
A1,P1,R1 (48)



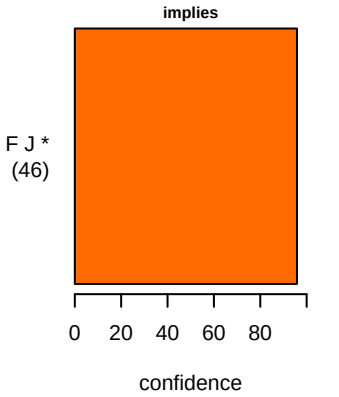
A1,P1,Q1 (48)



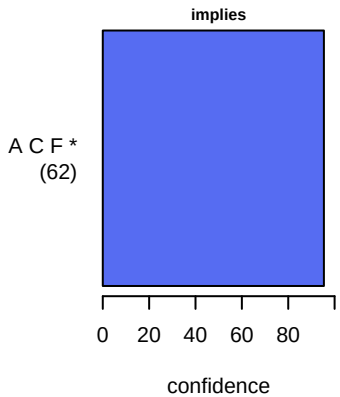
A1,D1,P1 (48)



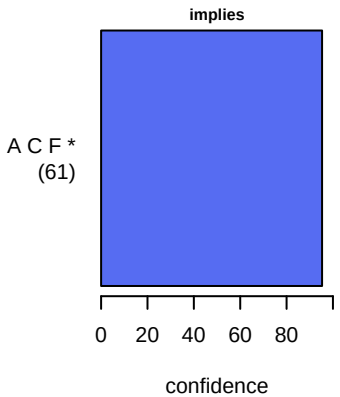
A1,P1 (48)



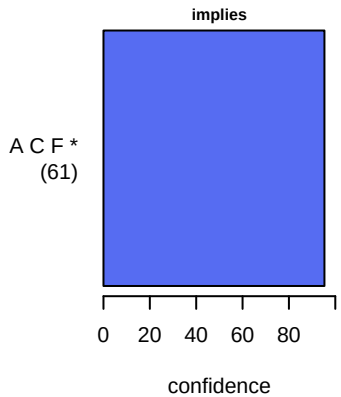
A,G,N,A1 (65)



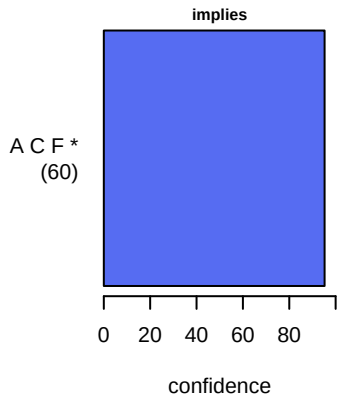
A,D,G,N,A1 (64)



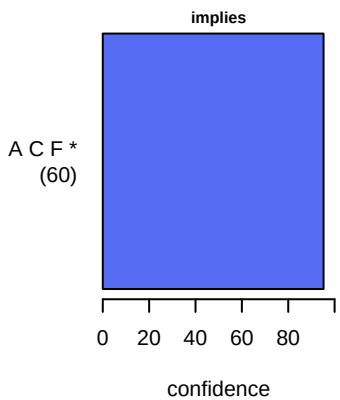
A,D,O,V,A1 (64)



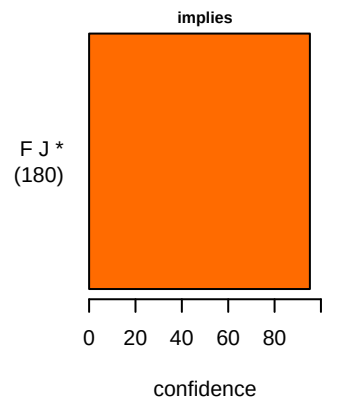
A,D,M,O,V,A1 (63)



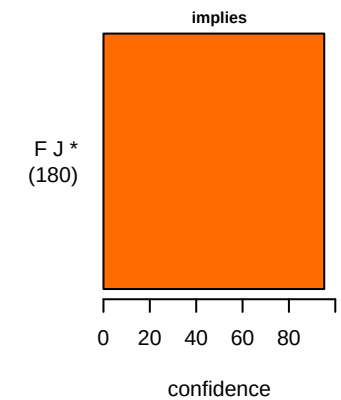
A,N,O,V,A1 (63)



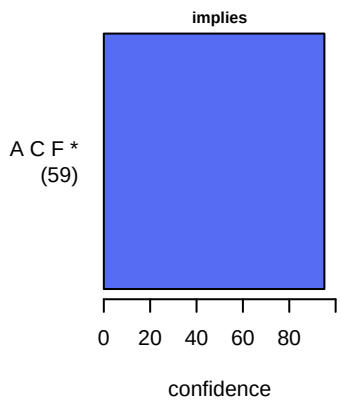
A1,K1,Q1,R1 (189)



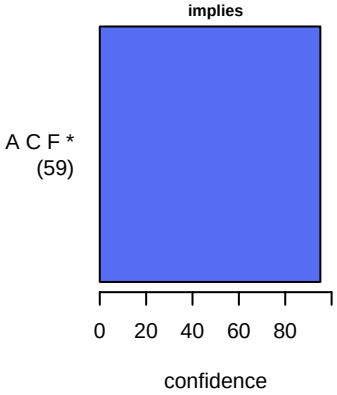
A1,K1,Q1 (189)



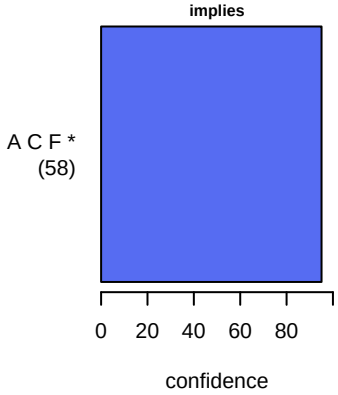
A,D,N,O,V,A1 (62)



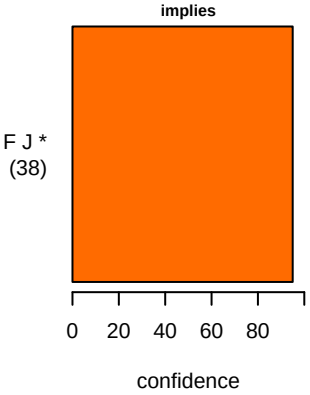
A,M,N,O,V,A1 (62)



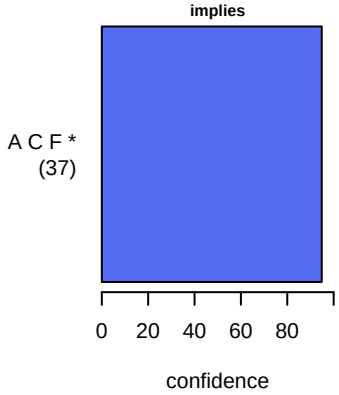
A,D,M,N,O,V,A1 (61)



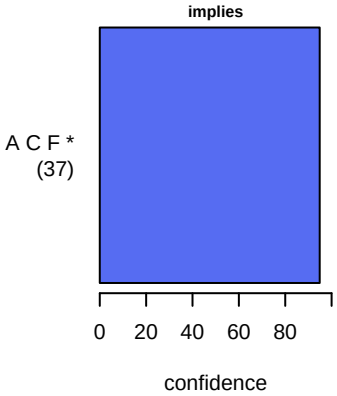
A1,K1,U1,X1 (40)



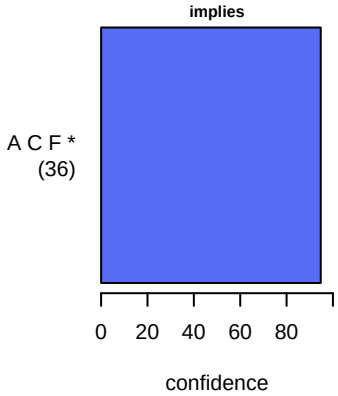
A,G,M,V,A1 (39)



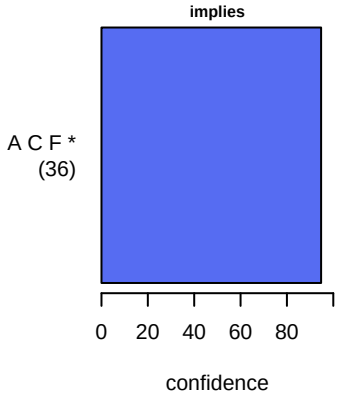
A,N,U,A1 (39)



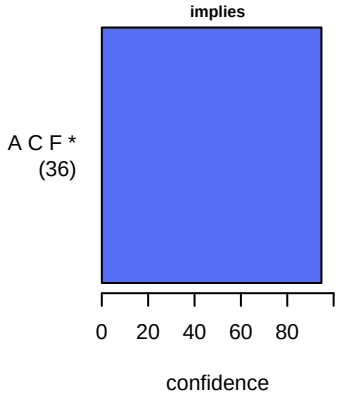
A,G,M,O,V,A1 (38)



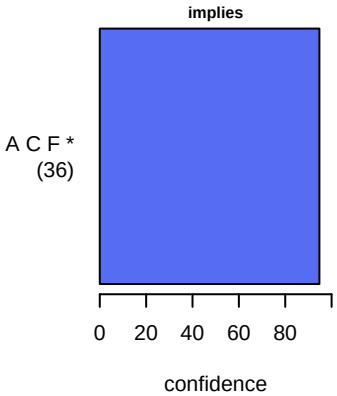
A,D,I,M,A1 (38)



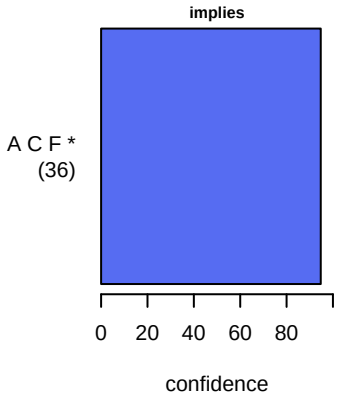
A,G,O,V,A1 (38)



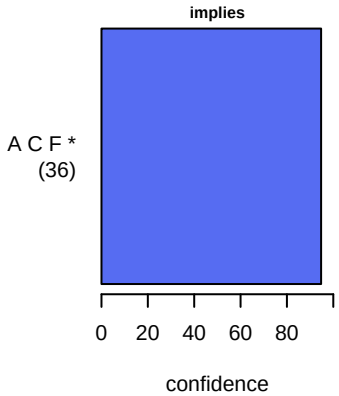
A,D,M,U,A1 (38)



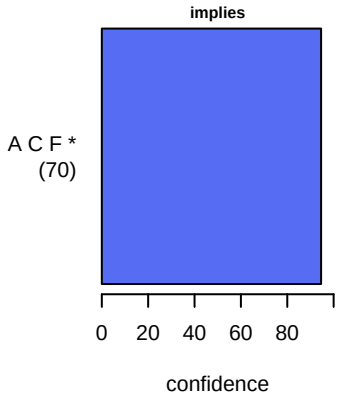
A,D,N,U,A1 (38)

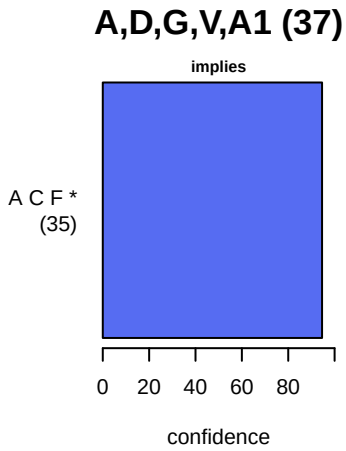


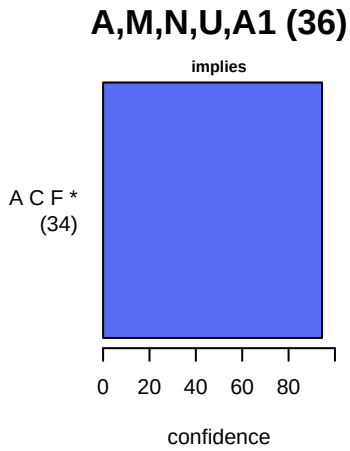
D,I,M,A1 (38)

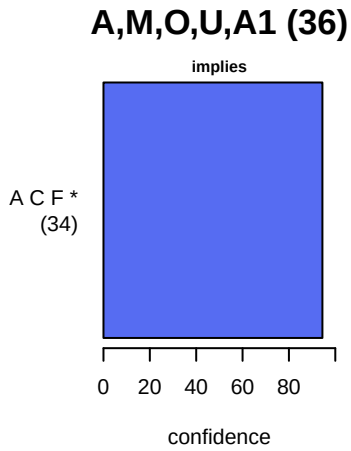


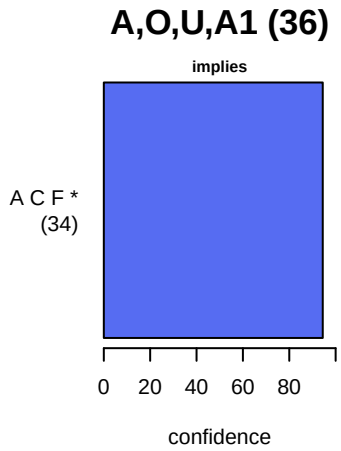
A,D,G,M,A1 (74)

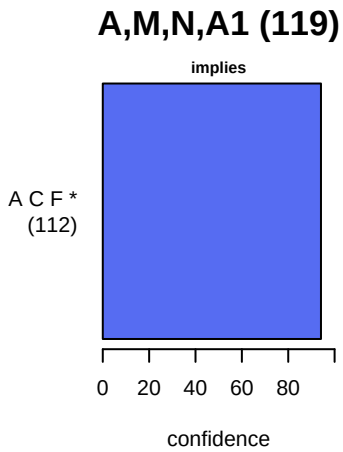


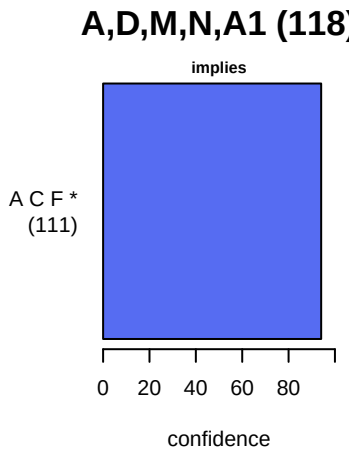

A,D,G,V,A1 (37)
implies
A C F *
(35)
0 20 40 60 80
confidence

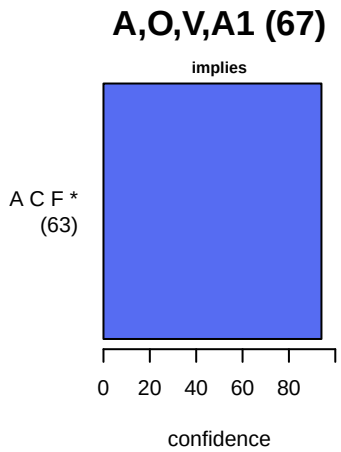

A,M,N,U,A1 (36)
implies
A C F *
(34)
0 20 40 60 80
confidence

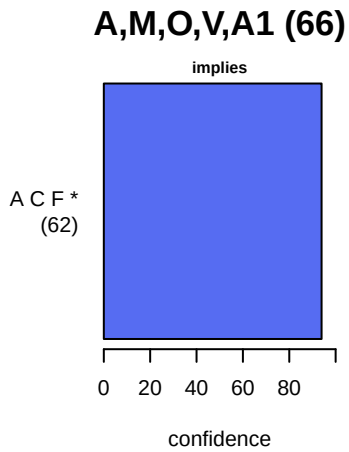

A,M,O,U,A1 (36)
implies
A C F *
(34)
0 20 40 60 80
confidence

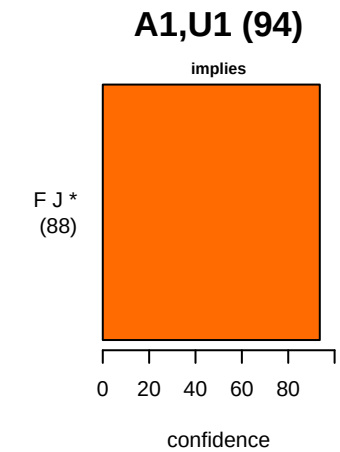

A,O,U,A1 (36)
implies
A C F *
(34)
0 20 40 60 80
confidence

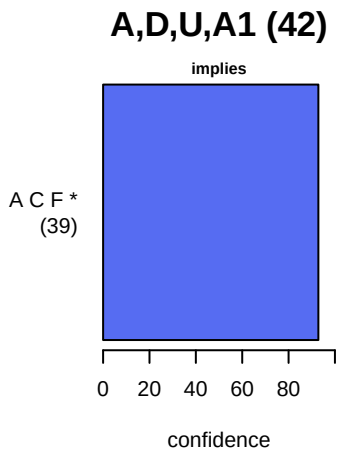

A,M,N,A1 (119)
implies
A C F *
(112)
0 20 40 60 80
confidence

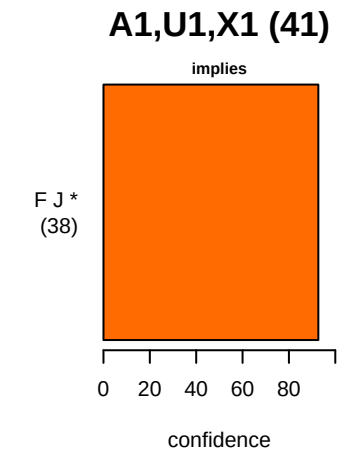

A,D,M,N,A1 (118)
implies
A C F *
(111)
0 20 40 60 80
confidence

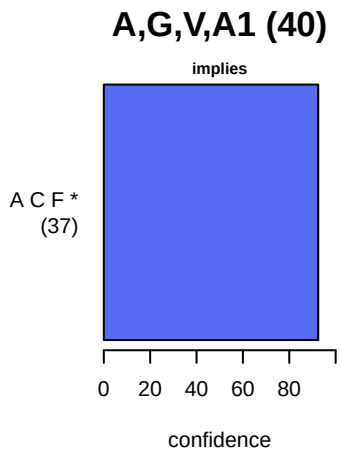

A,O,V,A1 (67)
implies
A C F *
(63)
0 20 40 60 80
confidence


A,M,O,V,A1 (66)
implies
A C F *
(62)
0 20 40 60 80
confidence

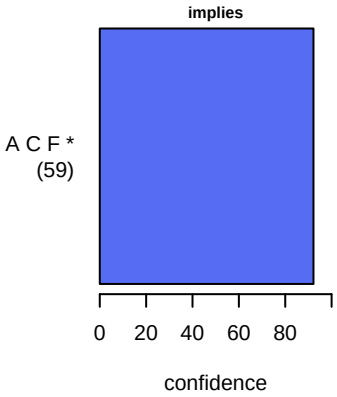

A1,U1 (94)
implies
F J *
(88)
0 20 40 60 80
confidence


A,D,U,A1 (42)
implies
A C F *
(39)
0 20 40 60 80
confidence

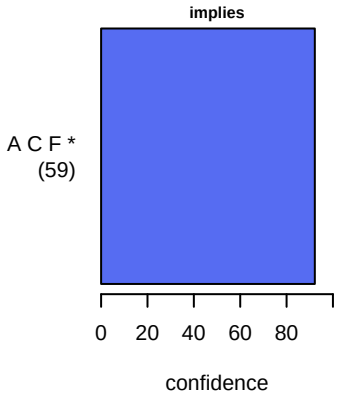

A1,U1,X1 (41)
implies
F J *
(38)
0 20 40 60 80
confidence


A,G,V,A1 (40)
implies
A C F *
(37)
0 20 40 60 80
confidence

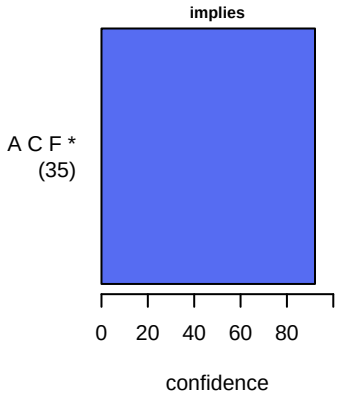
A,G,M,O,A1 (64)



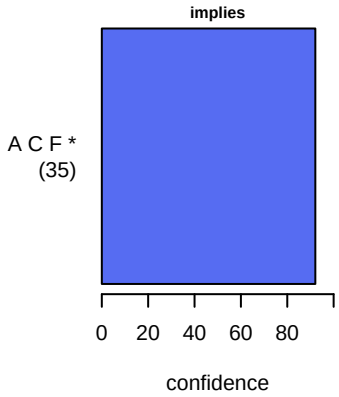
A,G,O,A1 (64)



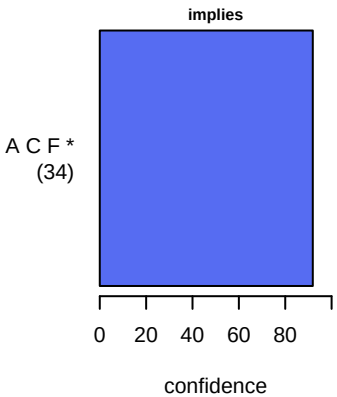
D,M,O,U,A1 (38)



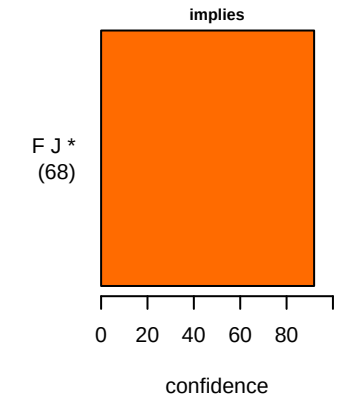
M,N,O,U,A1 (38)



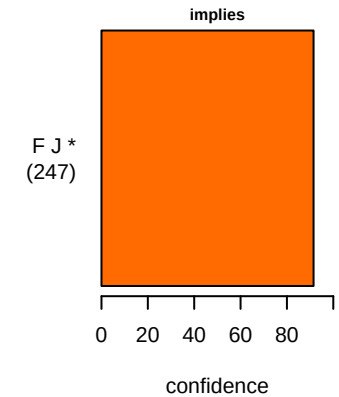
D,M,N,O,U,A1 (37)



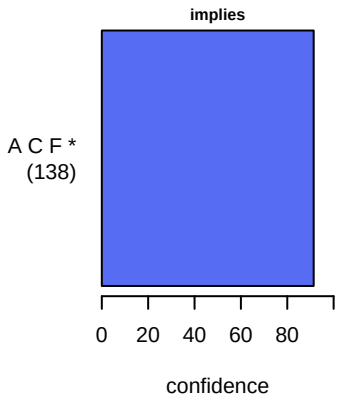
A1,K1,R1,X1 (74)



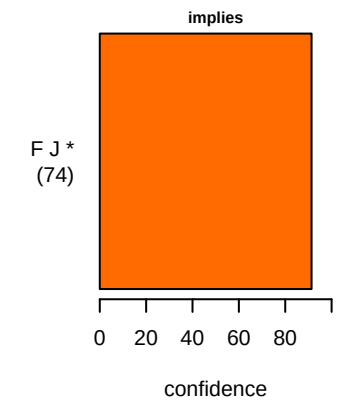
A1,K1,R1 (270)



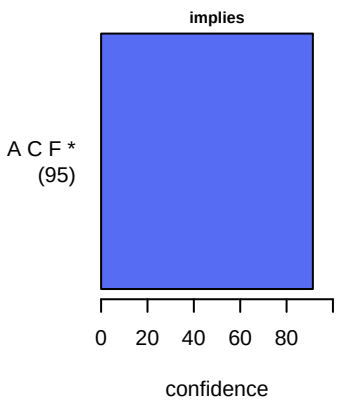
A,D,M,A1 (151)



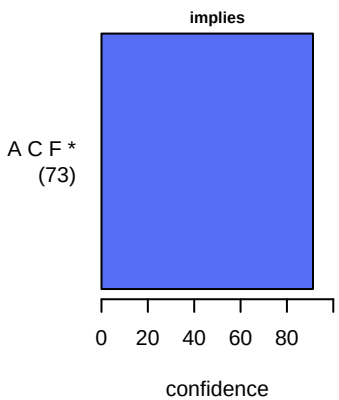
A1,D1,M1,R1 (81)



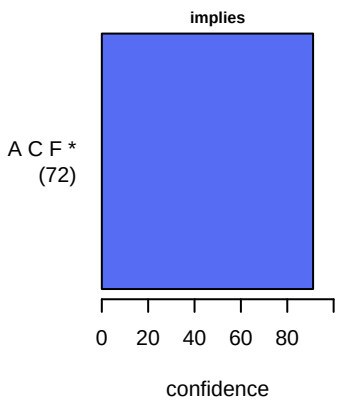
D,M,O,A1 (104)

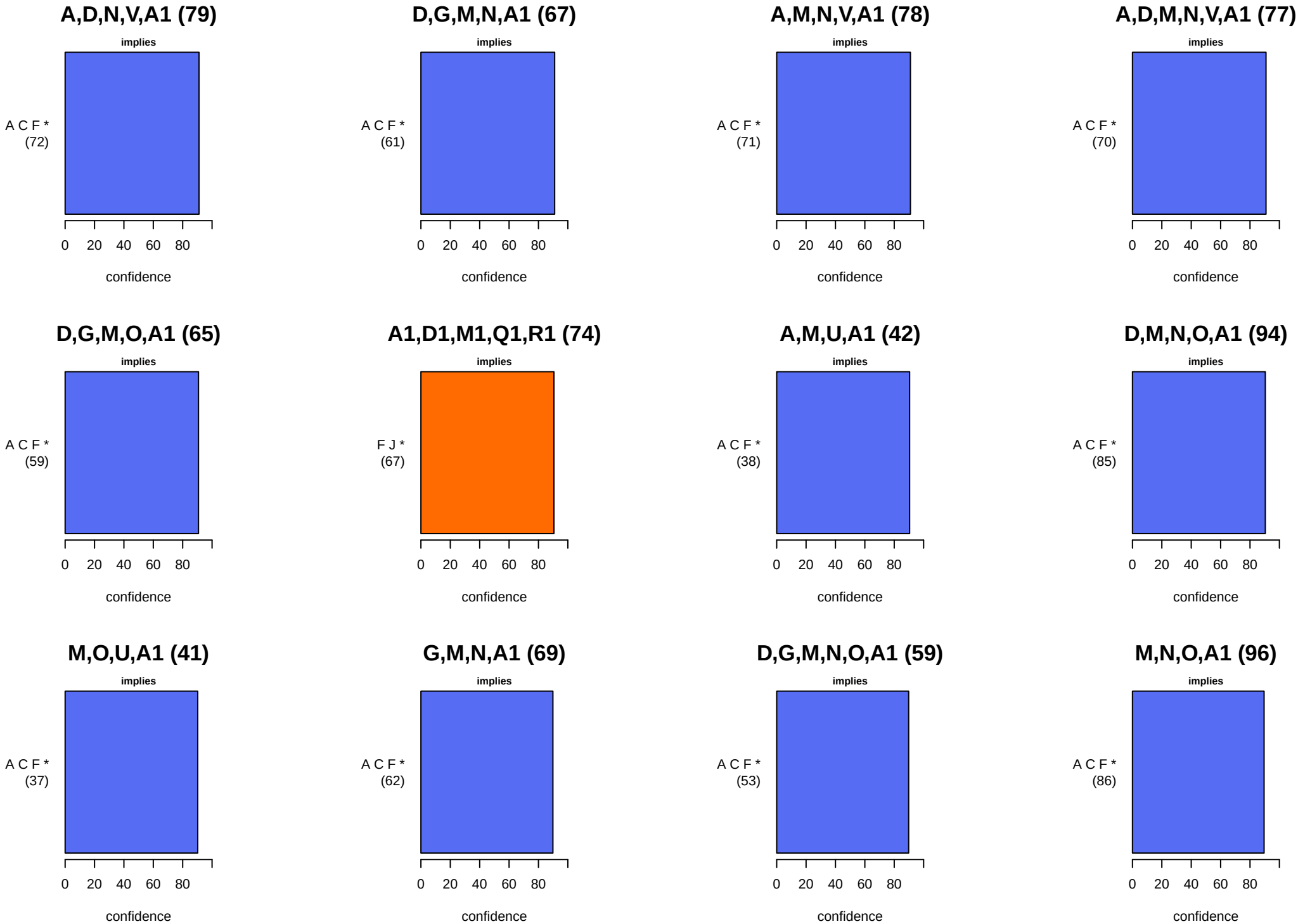


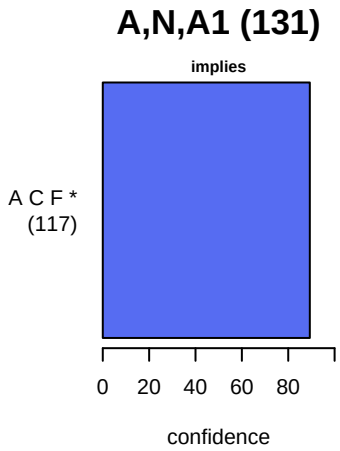
A,N,V,A1 (80)

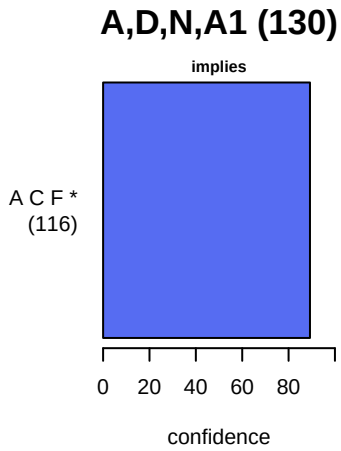


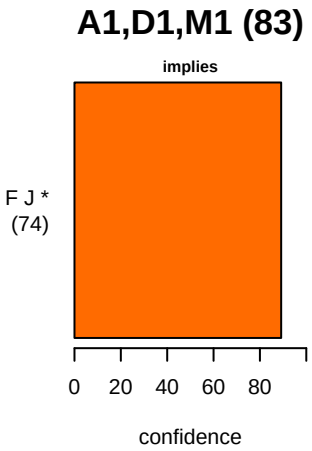
A,D,M,V,A1 (79)

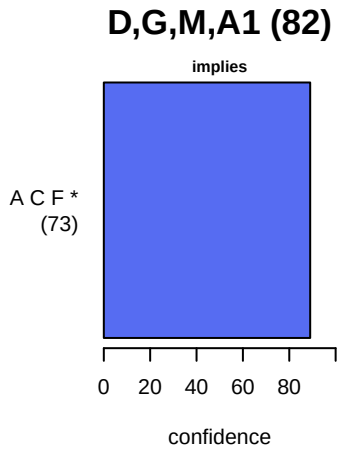


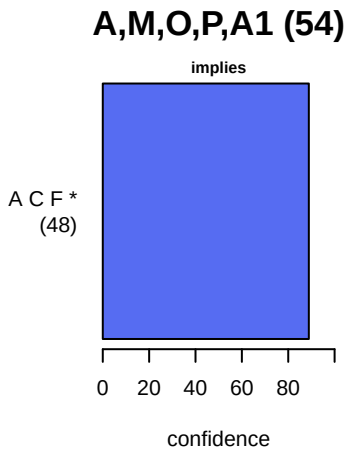

A,D,N,V,A1 (79)
implies
A C F *
(72)
0 20 40 60 80
confidence
D,G,M,N,A1 (67)
implies
A C F *
(61)
0 20 40 60 80
confidence
A,M,N,V,A1 (78)
implies
A C F *
(71)
0 20 40 60 80
confidence
A,D,M,N,V,A1 (77)
implies
A C F *
(70)
0 20 40 60 80
confidence
D,G,M,O,A1 (65)
implies
A C F *
(59)
0 20 40 60 80
confidence
A1,D1,M1,Q1,R1 (74)
implies
F J *
(67)
0 20 40 60 80
confidence
A,M,U,A1 (42)
implies
A C F *
(38)
0 20 40 60 80
confidence
D,M,N,O,A1 (94)
implies
A C F *
(85)
0 20 40 60 80
confidence
M,O,U,A1 (41)
implies
A C F *
(37)
0 20 40 60 80
confidence
G,M,N,A1 (69)
implies
A C F *
(62)
0 20 40 60 80
confidence
D,G,M,N,O,A1 (59)
implies
A C F *
(53)
0 20 40 60 80
confidence
M,N,O,A1 (96)
implies
A C F *
(86)
0 20 40 60 80
confidence

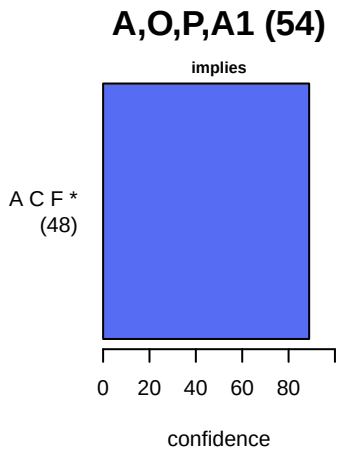

A,N,A1 (131)
implies
A C F *
(117)
0 20 40 60 80
confidence

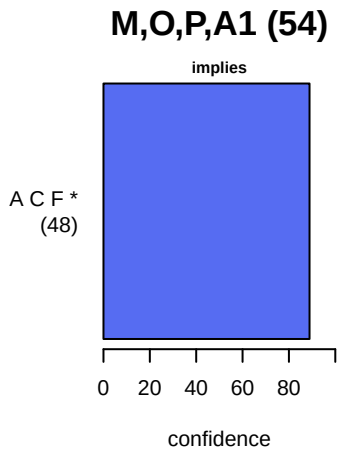

A,D,N,A1 (130)
implies
A C F *
(116)
0 20 40 60 80
confidence

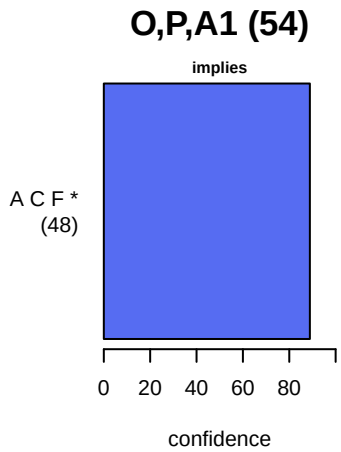

A1,D1,M1 (83)
implies
F J *
(74)
0 20 40 60 80
confidence

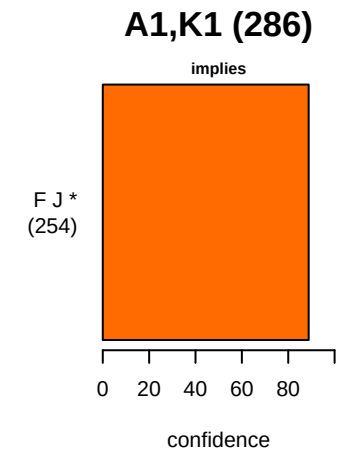

D,G,M,A1 (82)
implies
A C F *
(73)
0 20 40 60 80
confidence

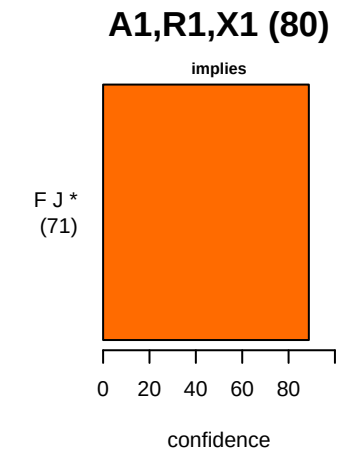

A,M,O,P,A1 (54)
implies
A C F *
(48)
0 20 40 60 80
confidence

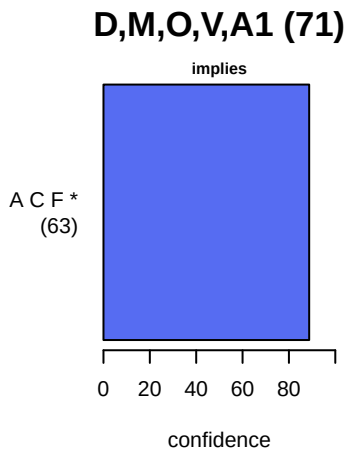

A,O,P,A1 (54)
implies
A C F *
(48)
0 20 40 60 80
confidence

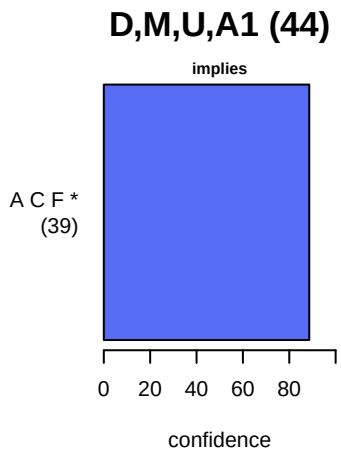

M,O,P,A1 (54)
implies
A C F *
(48)
0 20 40 60 80
confidence


O,P,A1 (54)
implies
A C F *
(48)
0 20 40 60 80
confidence

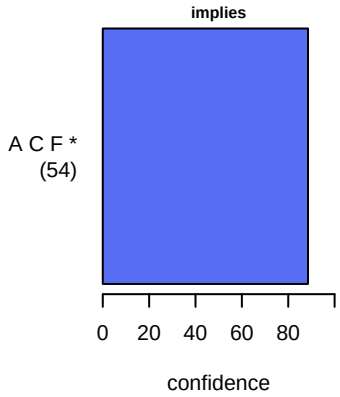

A1,K1 (286)
implies
F J *
(254)
0 20 40 60 80
confidence


A1,R1,X1 (80)
implies
F J *
(71)
0 20 40 60 80
confidence

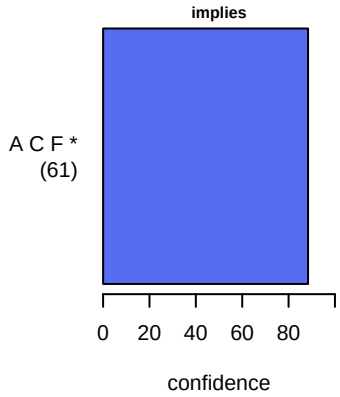

D,M,O,V,A1 (71)
implies
A C F *
(63)
0 20 40 60 80
confidence


D,M,U,A1 (44)
implies
A C F *
(39)
0 20 40 60 80
confidence

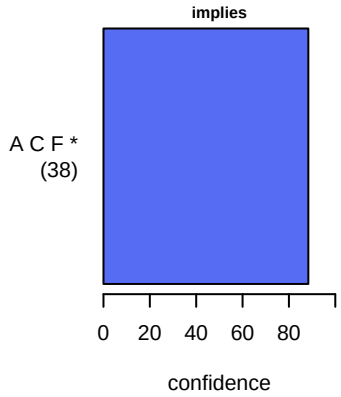
G,M,N,O,A1 (61)



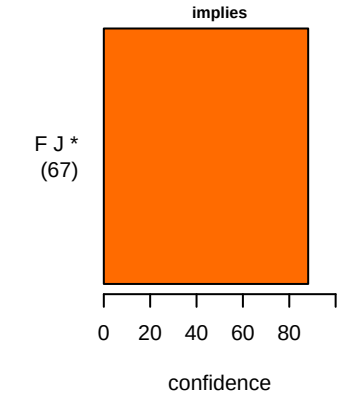
D,M,N,O,V,A1 (69)



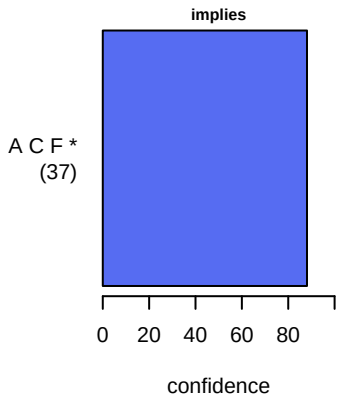
D,G,M,V,A1 (43)



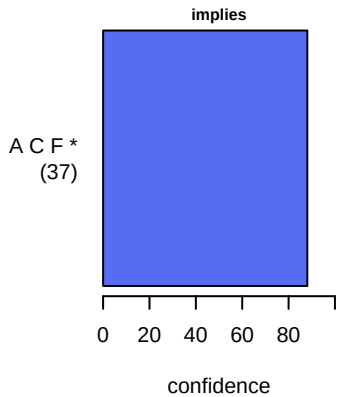
A1,D1,M1,Q1 (76)



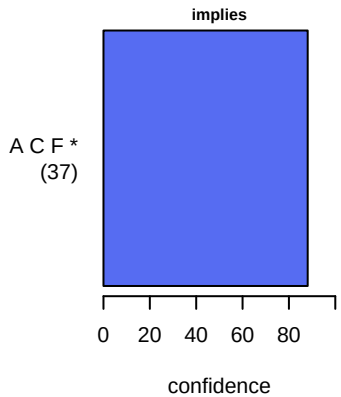
D,G,M,N,V,A1 (42)



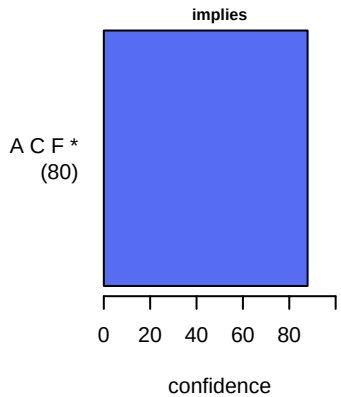
D,G,M,O,V,A1 (42)



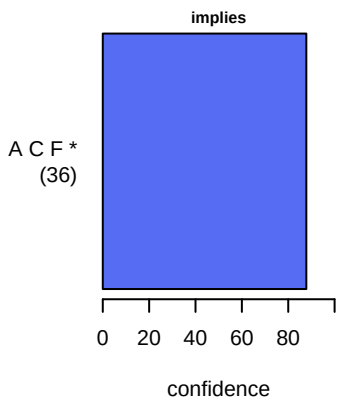
M,N,U,A1 (42)



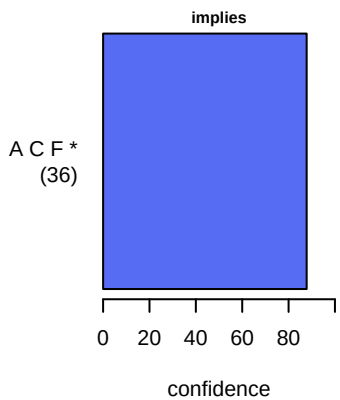
A,D,G,A1 (91)



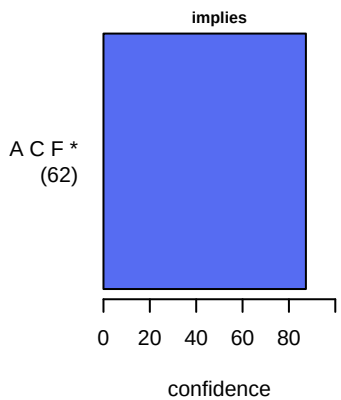
D,G,M,N,O,V,A1 (41)



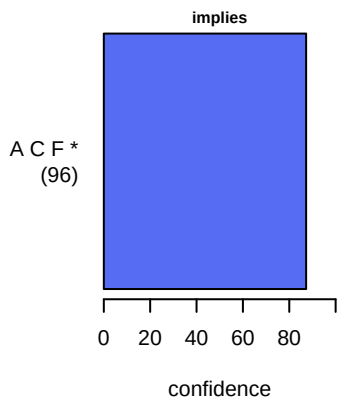
D,M,N,U,A1 (41)



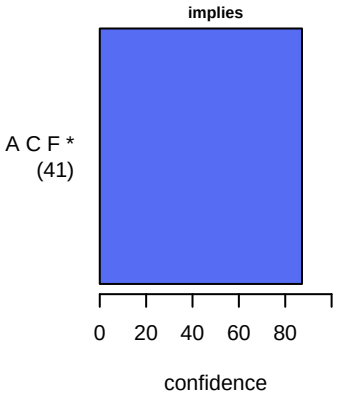
M,N,O,V,A1 (71)



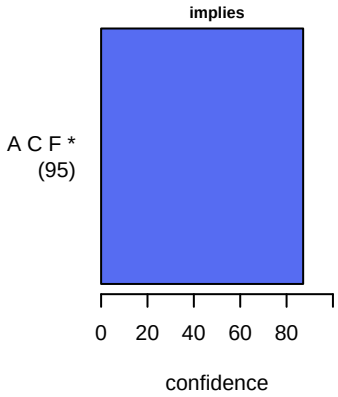
A,O,A1 (110)



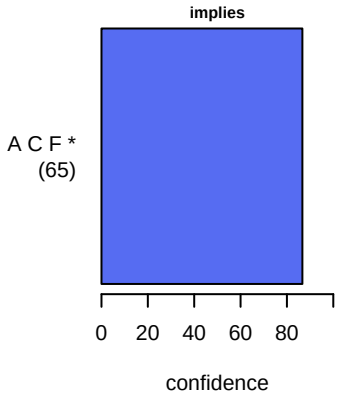
A,U,A1 (47)



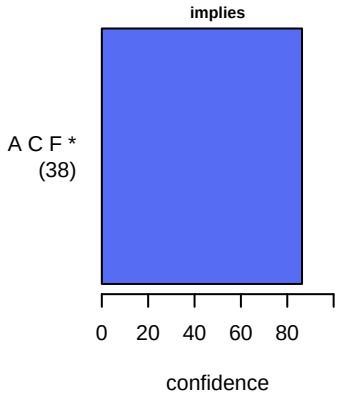
A,M,O,A1 (109)



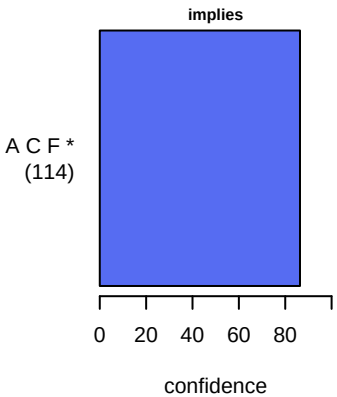
M,O,V,A1 (75)



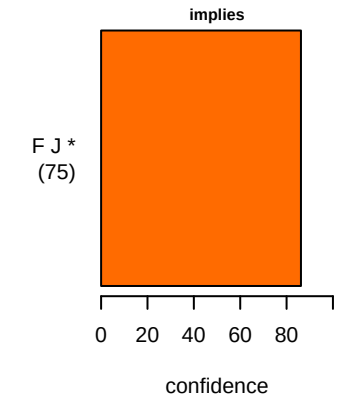
G,M,N,V,A1 (44)



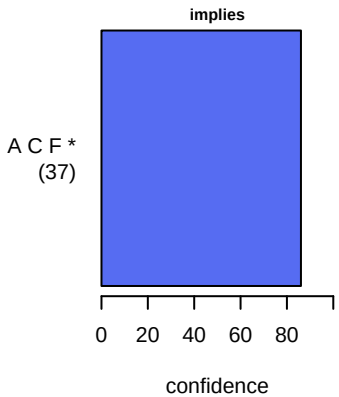
D,M,N,A1 (132)



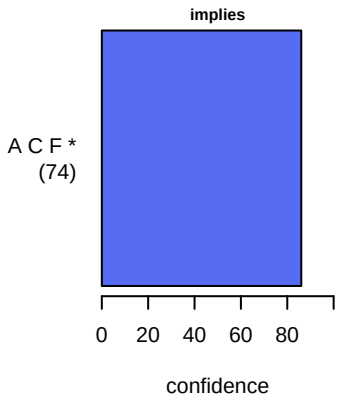
A1,K1,X1 (87)



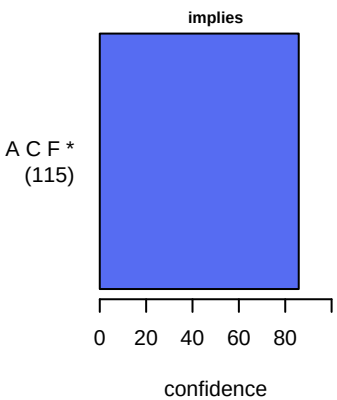
G,M,N,O,V,A1 (43)



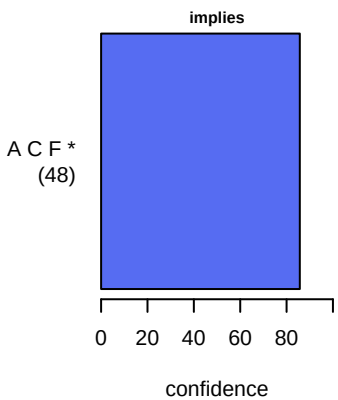
A,M,V,A1 (86)



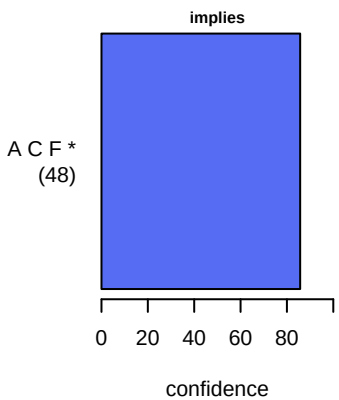
M,N,A1 (134)



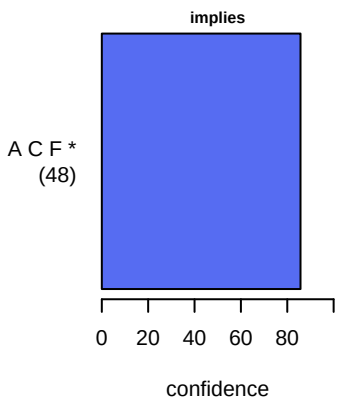
A,M,P,A1 (56)



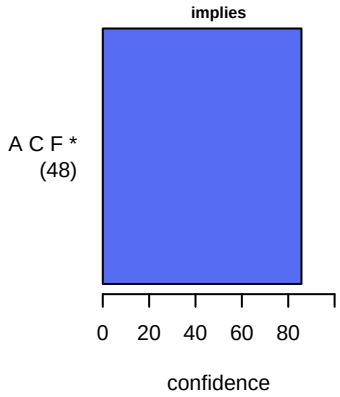
A,P,A1 (56)



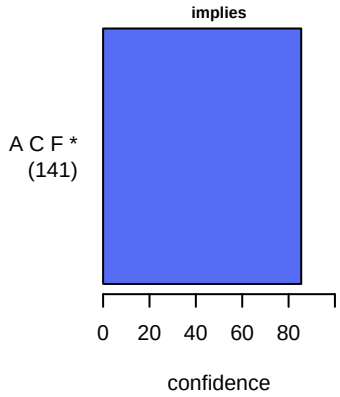
M,P,A1 (56)



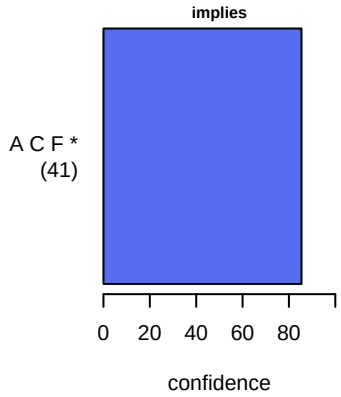
P,A1 (56)



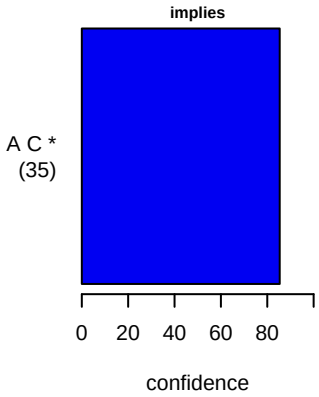
D,M,A1 (165)



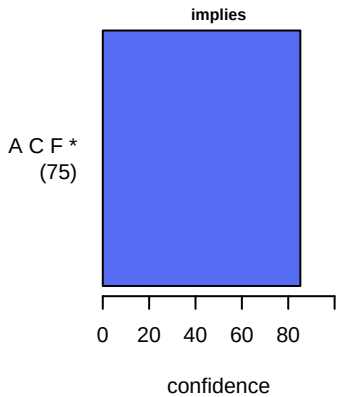
M,U,A1 (48)



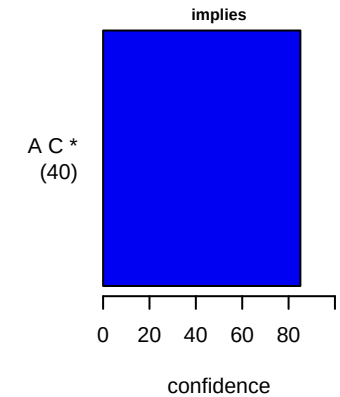
A,M,O,X1 (41)



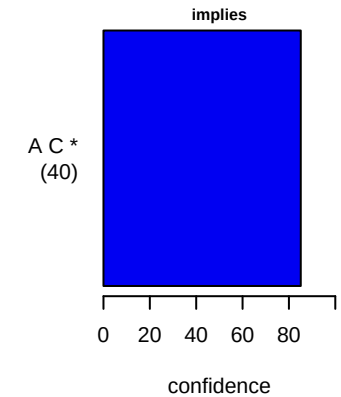
A,D,V,A1 (88)



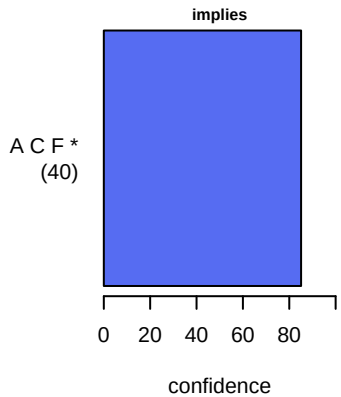
A,D,G,H,I,J,O (47)



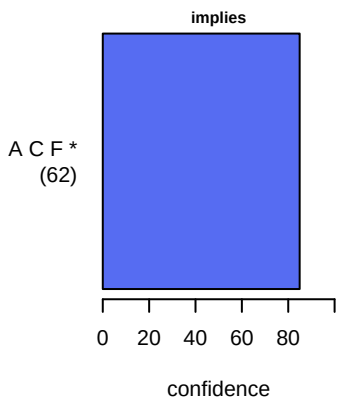
A,D,H,I,J,O (47)



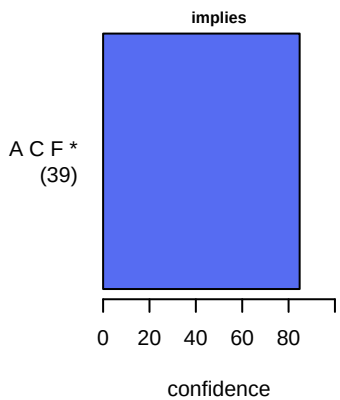
G,M,V,A1 (47)



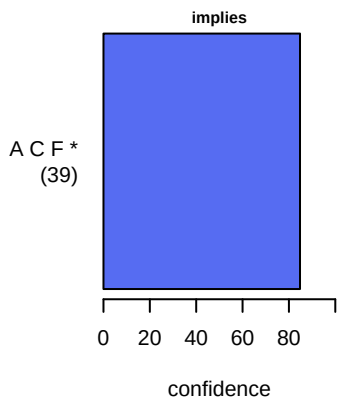
G,M,O,A1 (73)



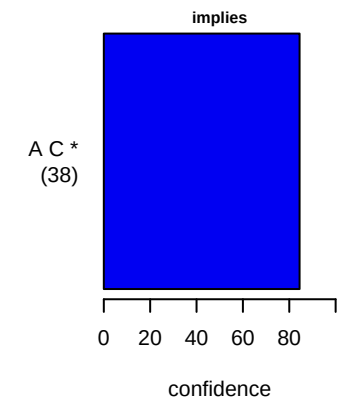
G,M,O,V,A1 (46)



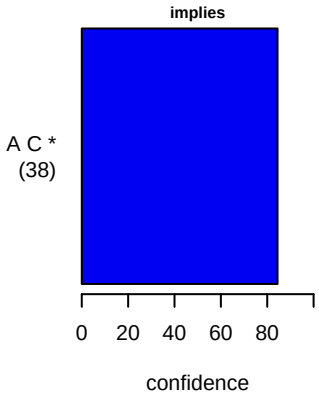
A,D,I,A1 (46)



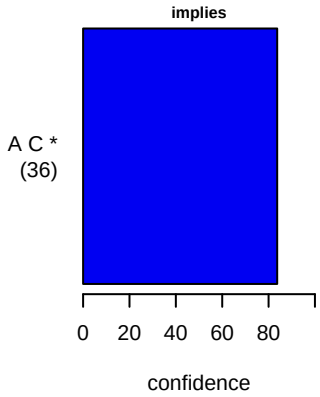
A,D,G,H,I,J,M,O (45)



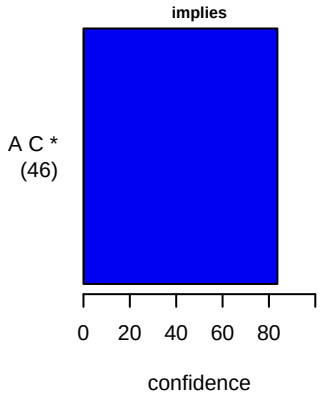
A,D,H,I,J,M,O (45)



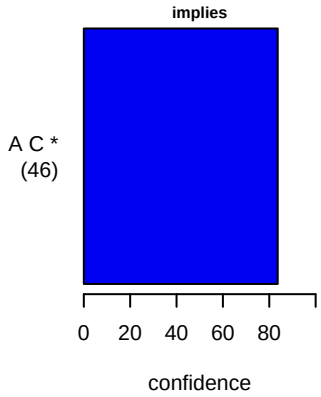
A,O,X1 (43)



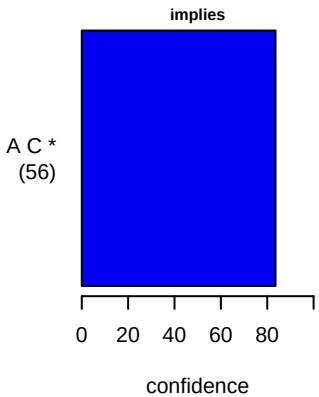
A,D,G,H,I,O (55)



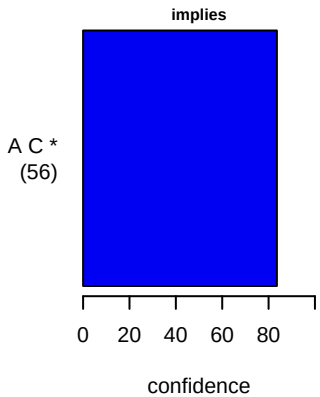
A,D,H,I,O (55)



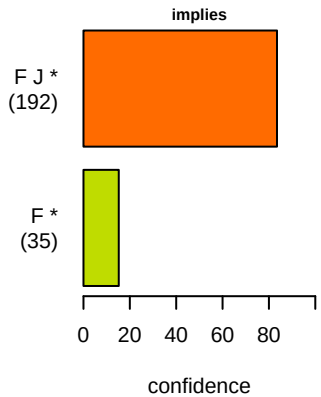
A,G,H,I,J,O (67)



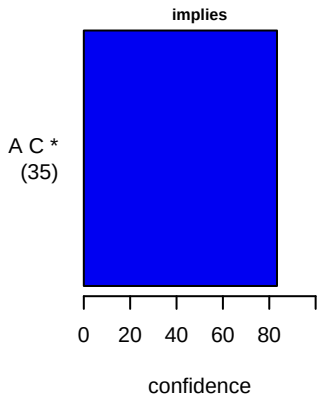
A,H,I,J,O (67)



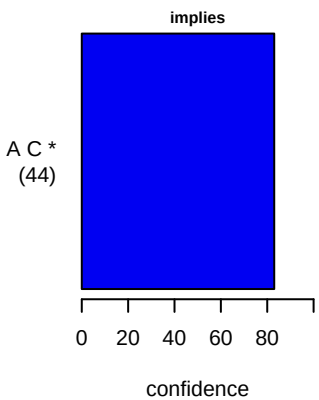
A1,D1,R1 (230)



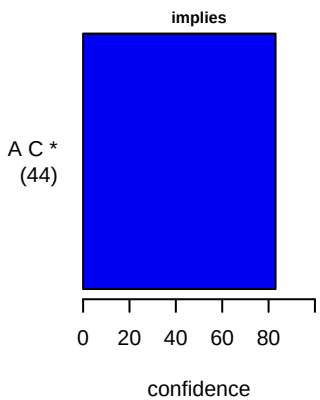
M,O,X1 (42)



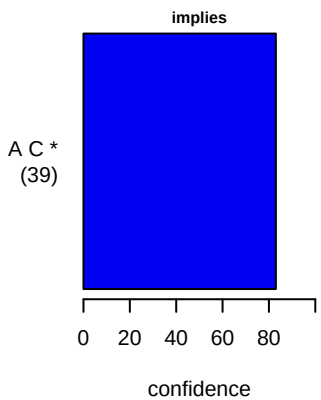
A,D,G,H,I,M,O (53)



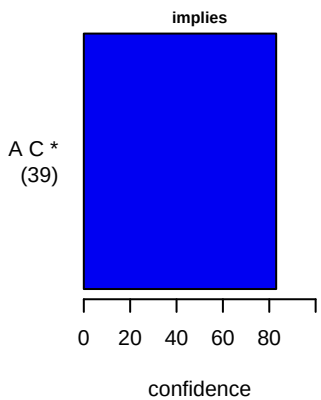
A,D,H,I,M,O (53)



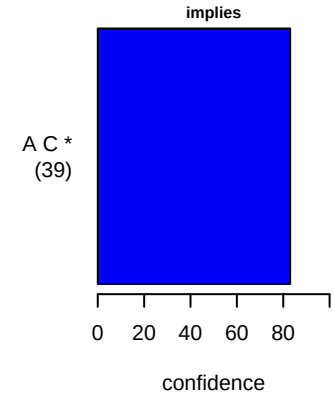
D,G,H,I,J,M,O (47)



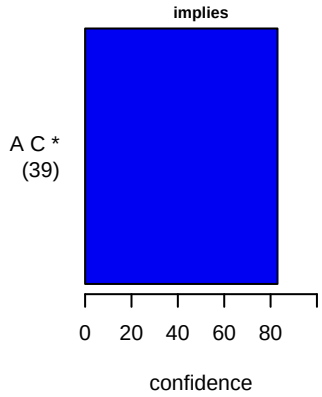
A,B,G,H,J,M,O (47)



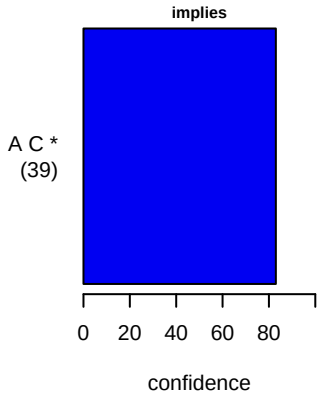
D,H,I,J,M,O (47)



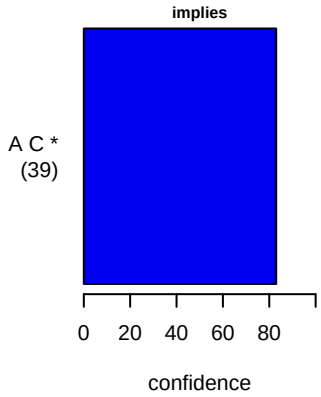
A,B,H,J,M,O (47)



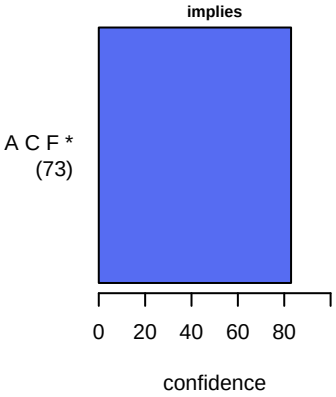
B,G,H,J,M,O (47)



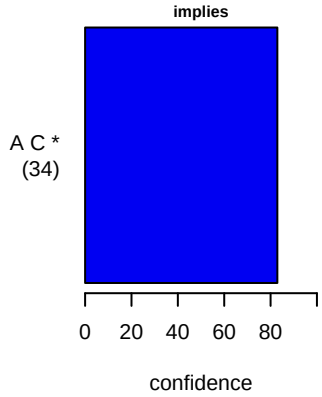
B,H,J,M,O (47)



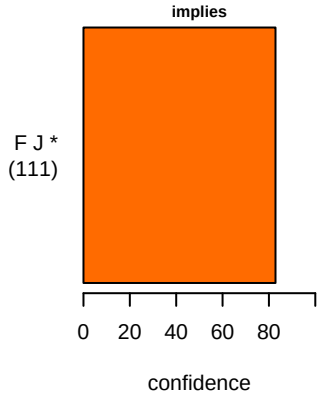
A,G,M,A1 (88)



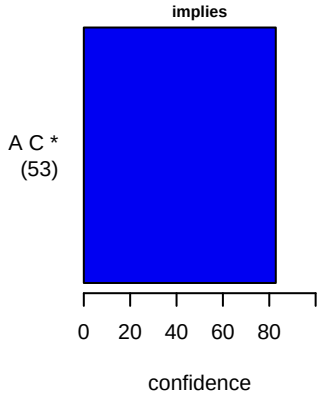
A,G,O,X1 (41)



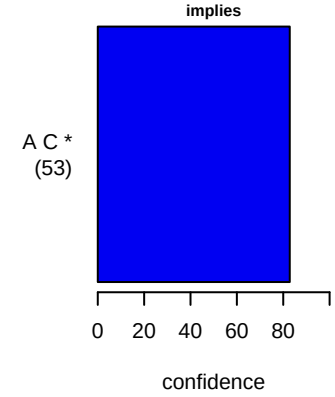
A1,M1,R1 (134)



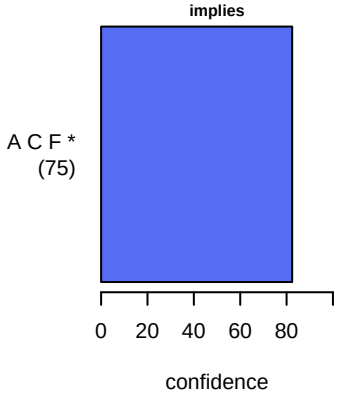
A,G,H,I,J,M,O (64)



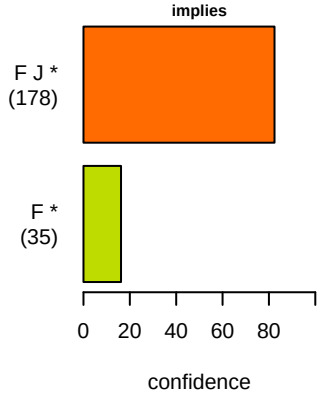
A,H,I,J,M,O (64)



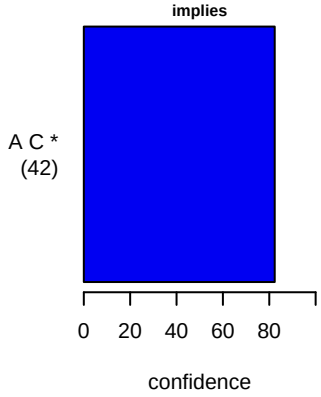
D,M,V,A1 (91)



A1,D1,Q1,R1 (216)



A,B,G,H,I,O (51)



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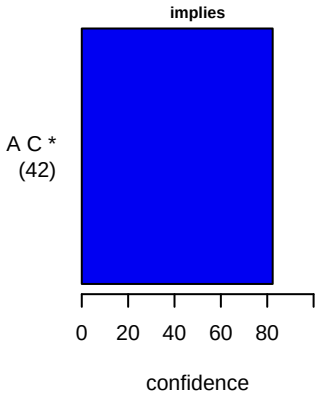

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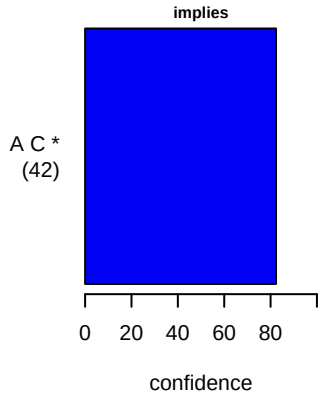

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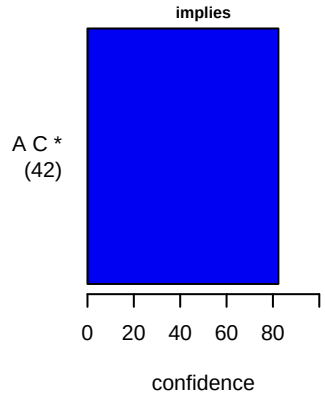
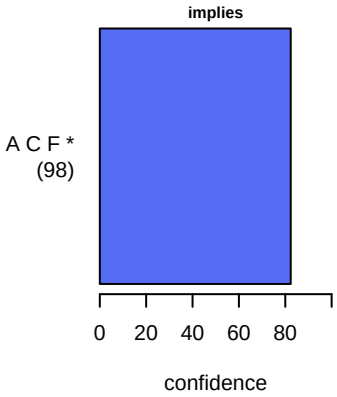
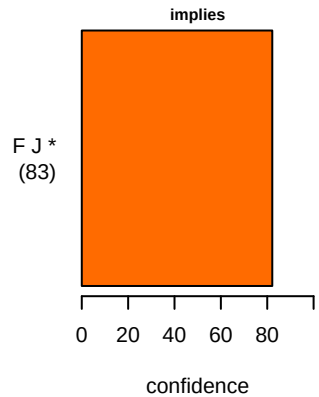


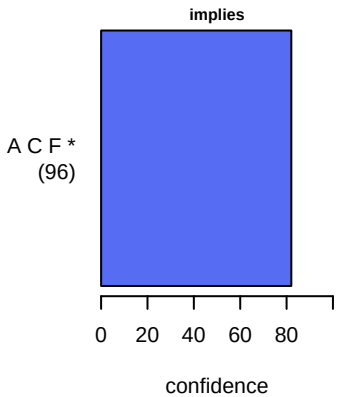
M,O,A1 (119)



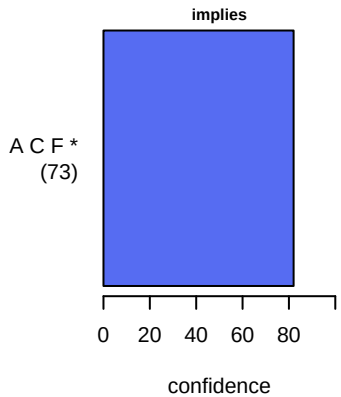
A1,M1,Q1,R1 (101)



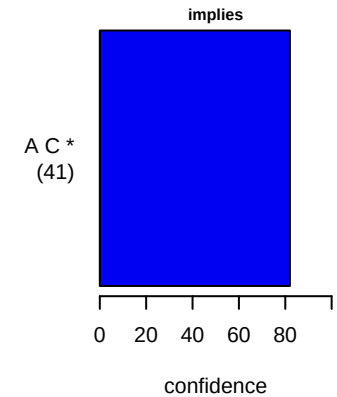
D,O,A1 (117)



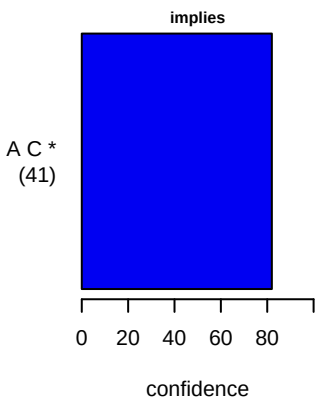
D,M,N,V,A1 (89)



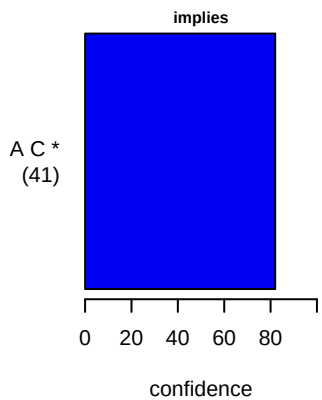
A,B,G,H,I,M,O (50)



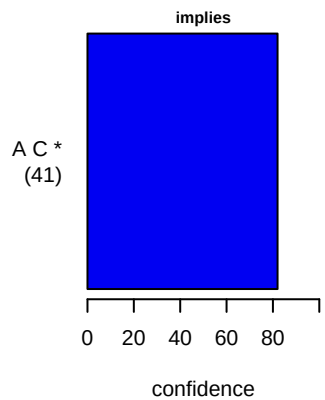
A,B,H,I,M,O (50)



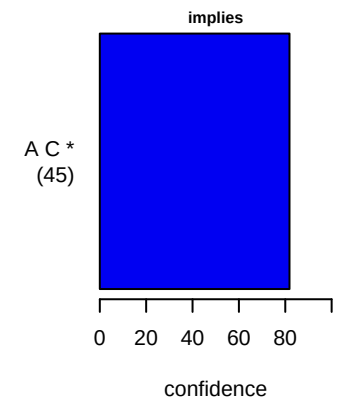
B,G,H,I,M,O (50)



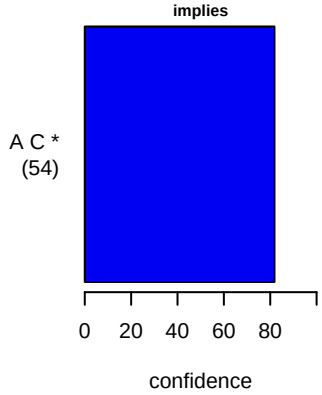
B,H,I,M,O (50)



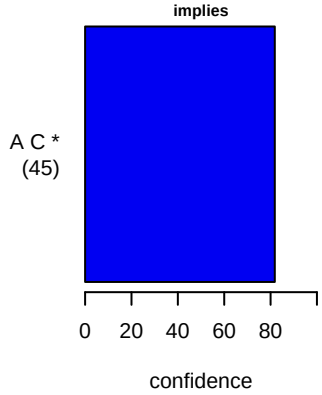
D,G,H,I,M,O (55)



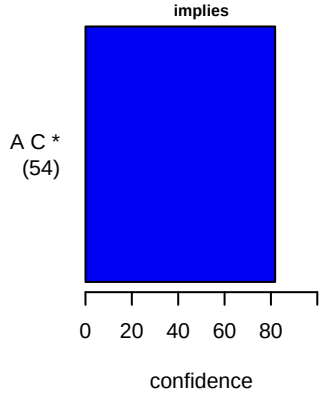
G,H,I,J,M,O (66)



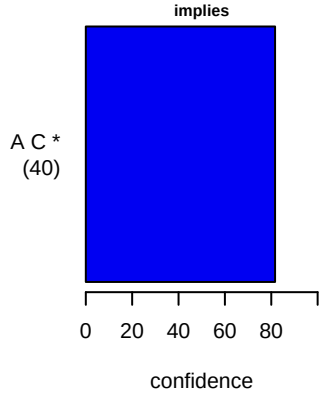
D,H,I,M,O (55)



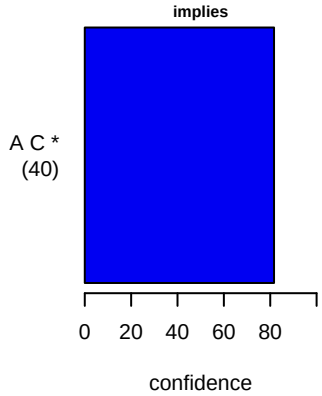
H,I,J,M,O (66)



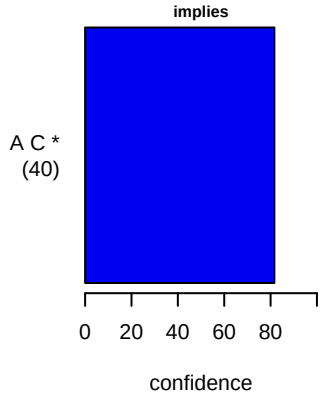
A,B,G,H,J,O (49)



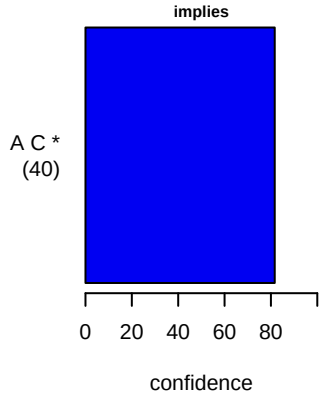
A,B,H,J,O (49)



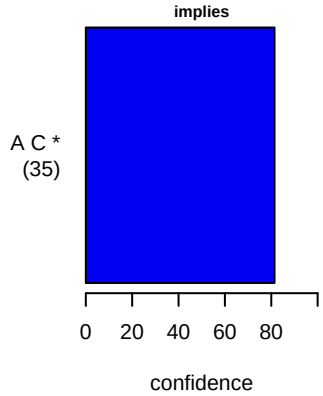
B,G,H,J,O (49)



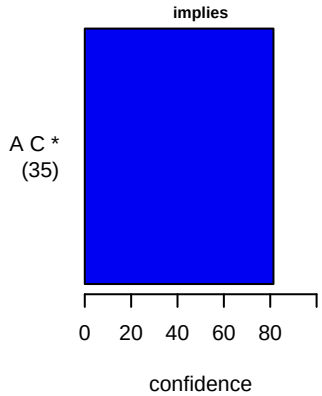
B,H,J,O (49)



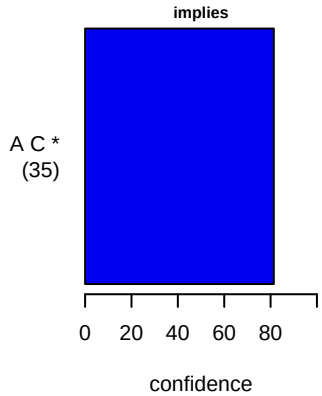
A,B,D,G,I,O (43)



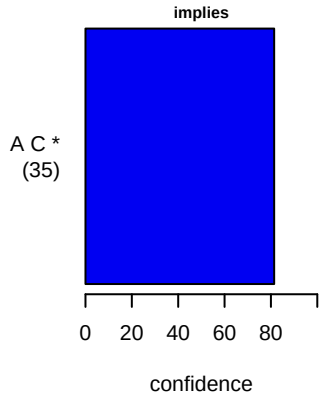
A,G,H,O,W1 (43)



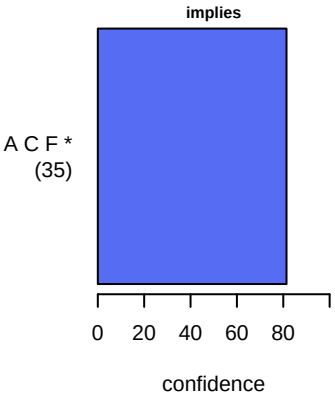
B,D,G,I,O (43)



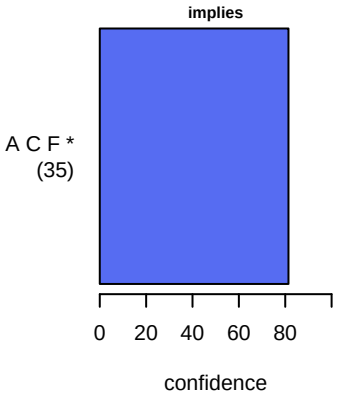
A,H,O,W1 (43)



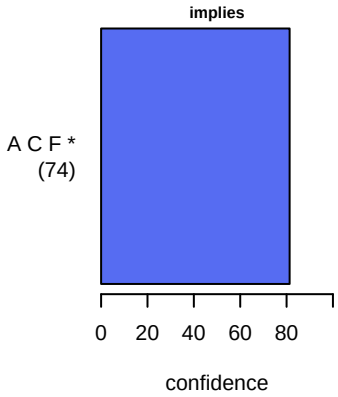
D,O,U,A1 (43)



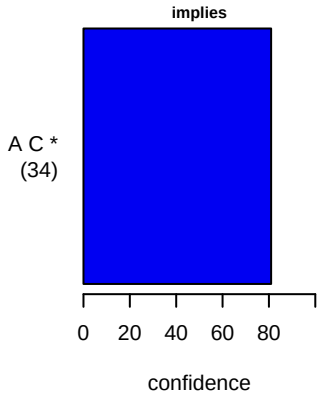
N,O,U,A1 (43)



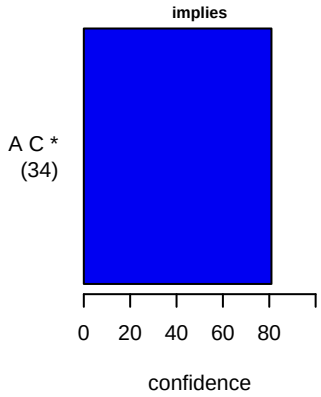
M,N,V,A1 (91)



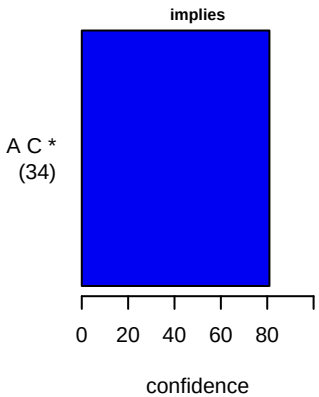
A,B,D,G,I,M,O (42)



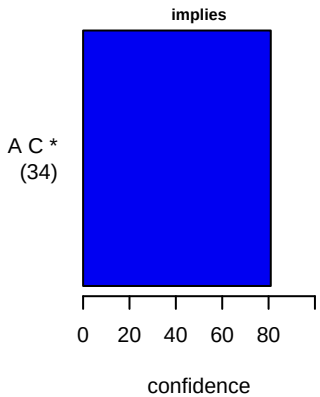
A,G,H,M,O,W1 (42)



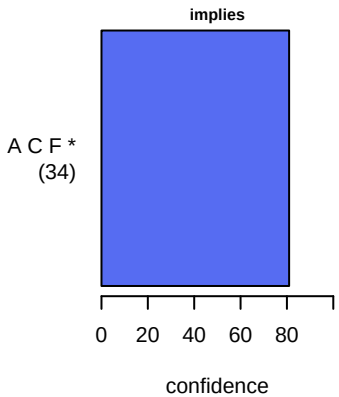
B,D,G,I,M,O (42)



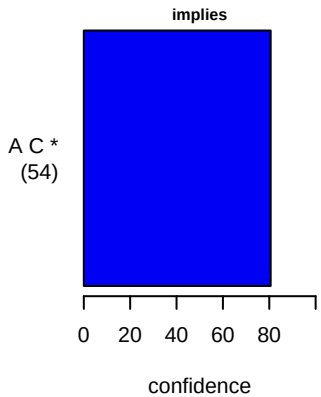
A,H,M,O,W1 (42)



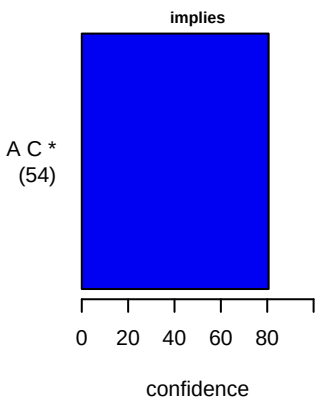
D,N,O,U,A1 (42)



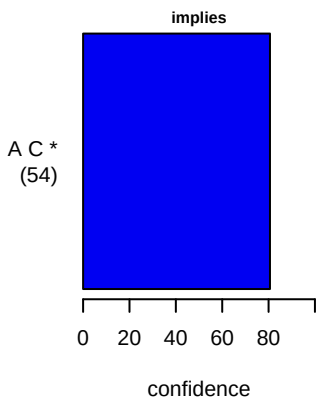
A,B,G,H,M,O (67)



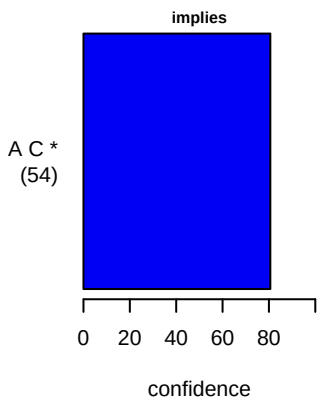
A,B,H,M,O (67)



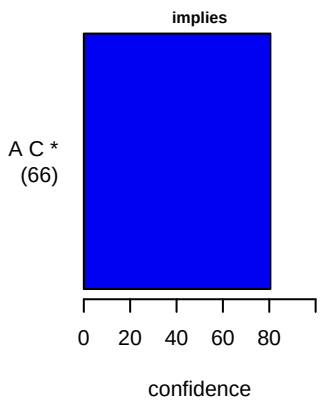
B,G,H,M,O (67)



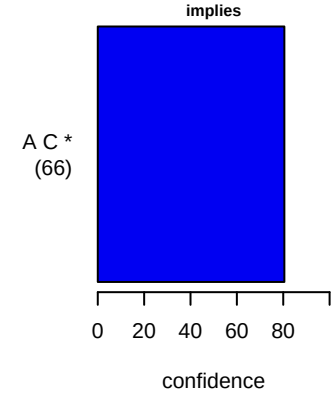
B,H,M,O (67)



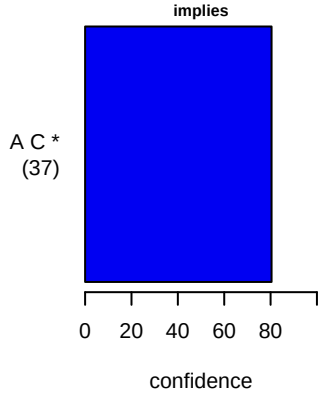
A,G,H,I,M,O (82)



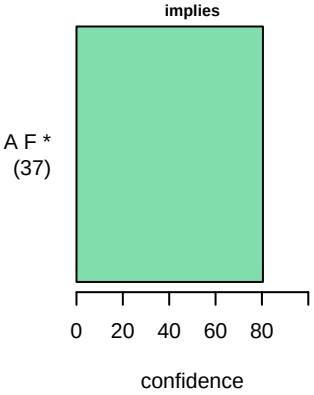
A,H,I,M,O (82)



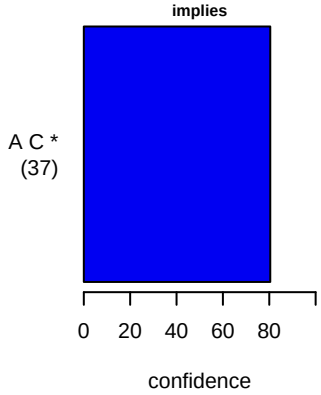
G,H,O,X1 (46)



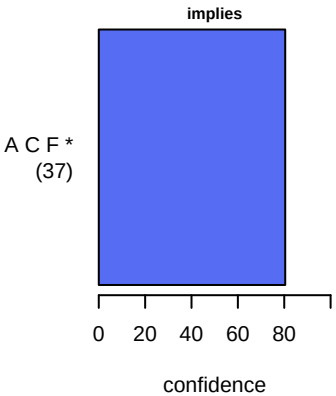
D,N,A1,Q1 (46)



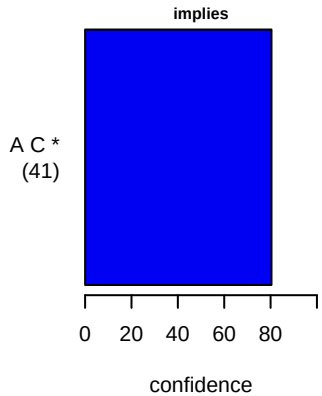
H,O,X1 (46)



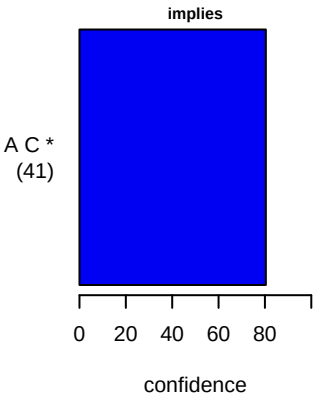
O,U,A1 (46)



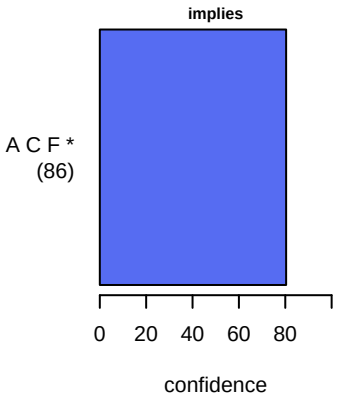
A,D,G,H,I,J,M (51)



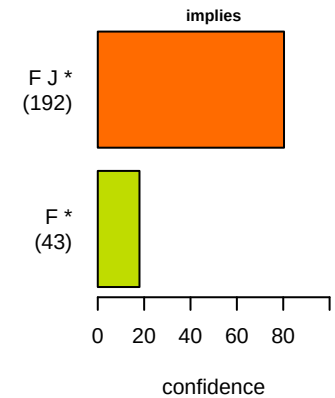
A,D,H,I,J,M (51)



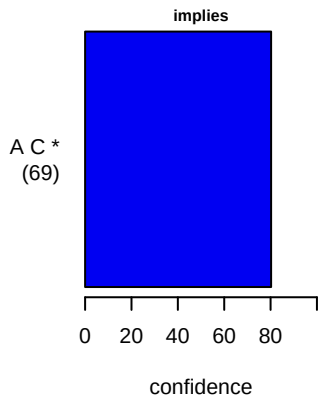
D,N,O,A1 (107)



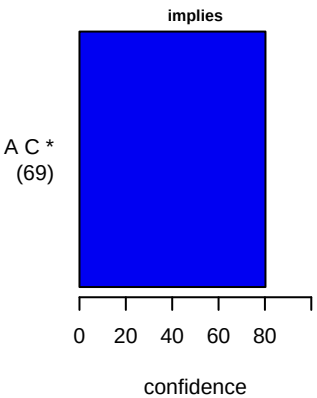
A1,D1 (239)



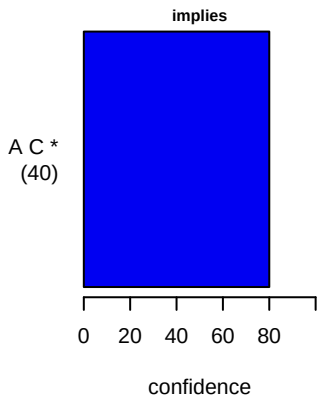
A,G,H,I,O (86)



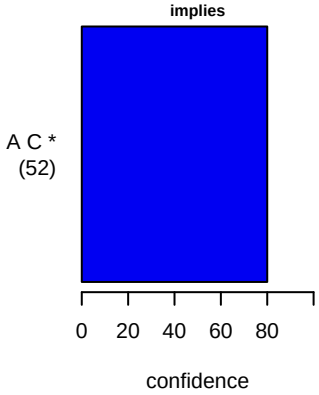
A,H,I,O (86)



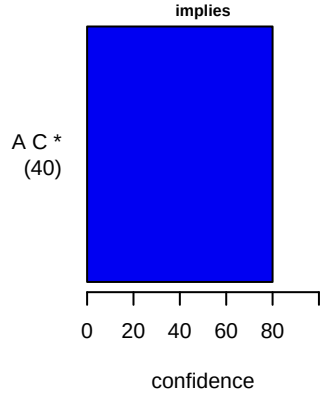
A,B,G,J,M,O (50)



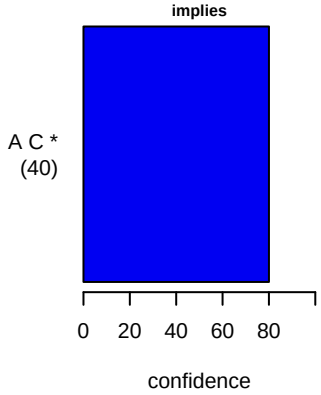
A,B,G,I,O (65)



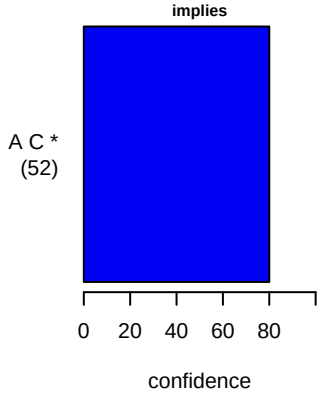
A,B,J,M,O (50)



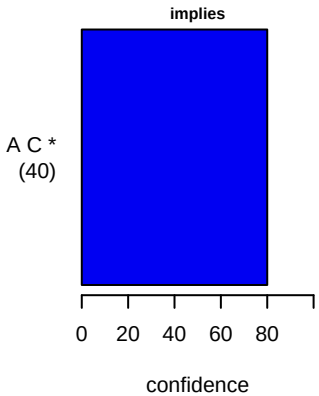
B,G,J,M,O (50)



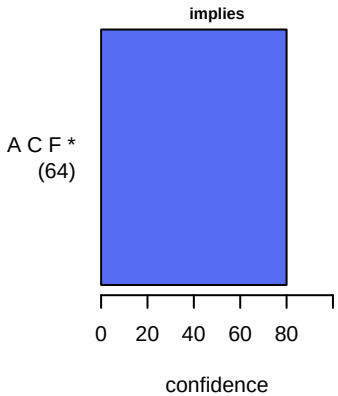
B,G,I,O (65)



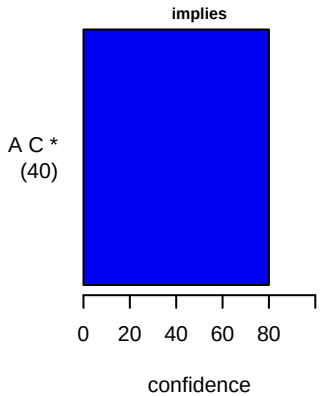
B,J,M,O (50)



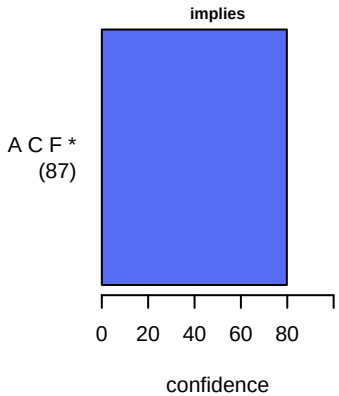
D,O,V,A1 (80)



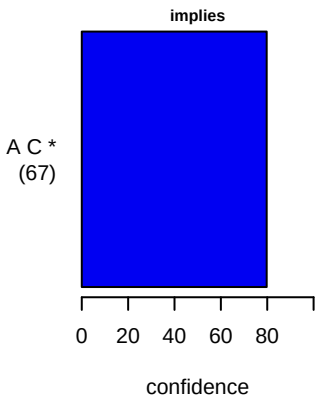
O,X1 (50)



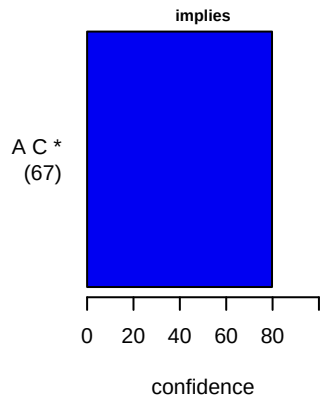
N,O,A1 (109)



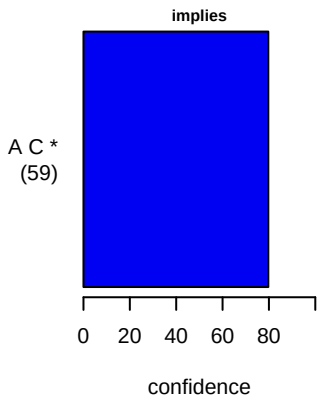
G,H,I,M,O (84)



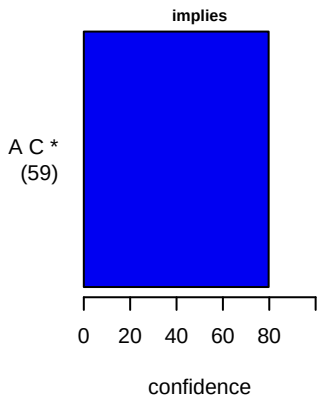
H,I,M,O (84)



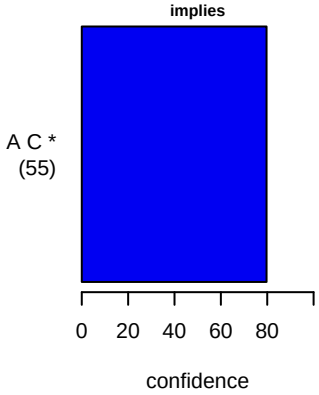
G,H,I,J,O (74)



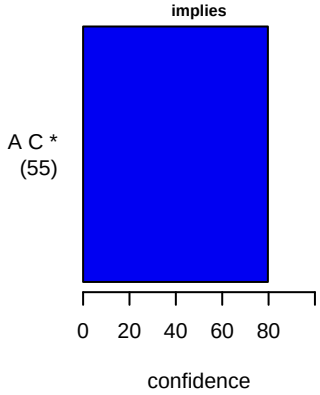
H,I,J,O (74)



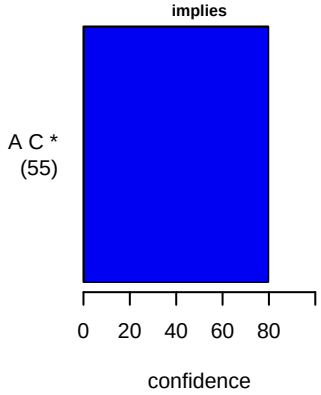
A,B,G,H,O (69)



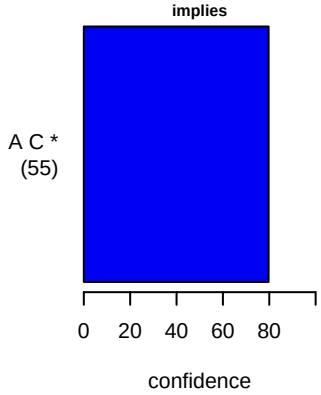
A,B,H,O (69)



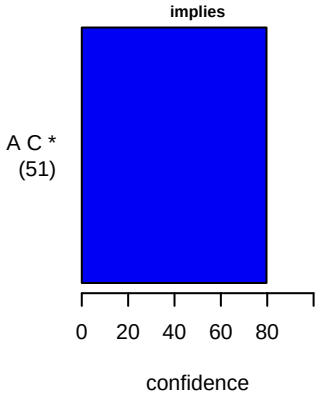
B,G,H,O (69)



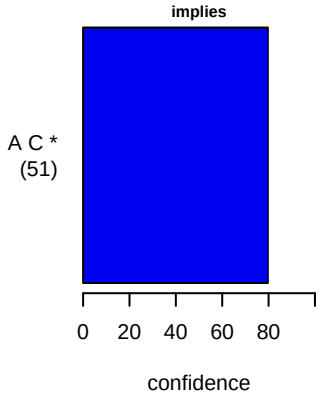
B,H,O (69)



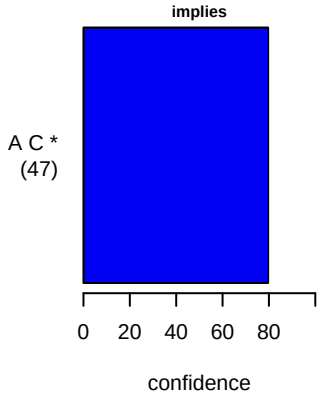
A,B,G,I,M,O (64)



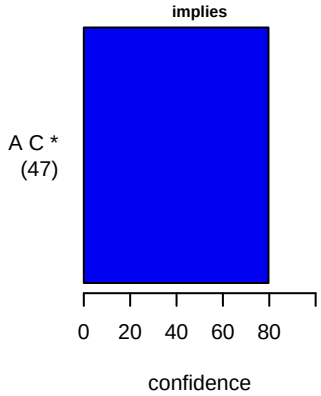
B,G,I,M,O (64)



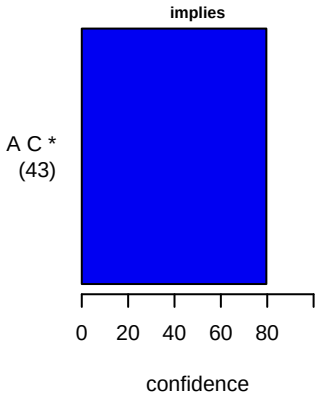
A,D,G,I,J,O (59)



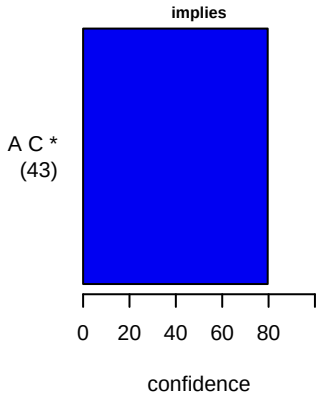
A,D,I,J,O (59)



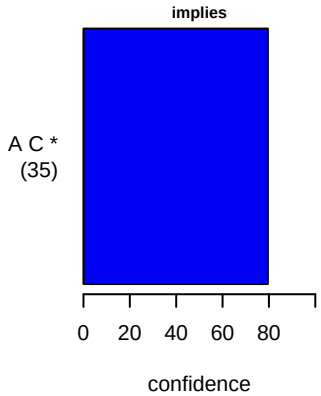
D,G,H,I,J,O (54)



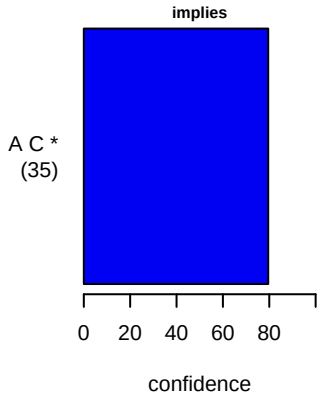
D,H,I,J,O (54)



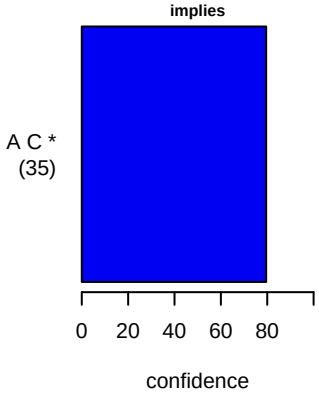
A,B,G,H,I,J (44)



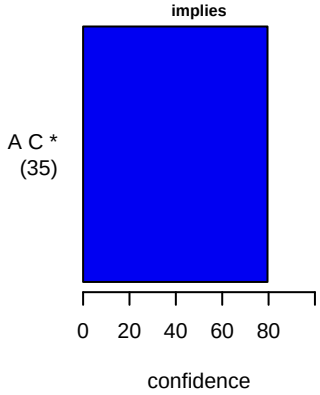
A,B,H,I,J (44)



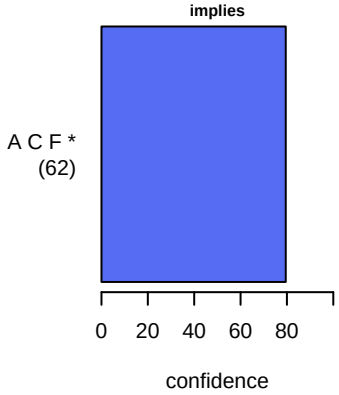
B,G,H,I,J (44)



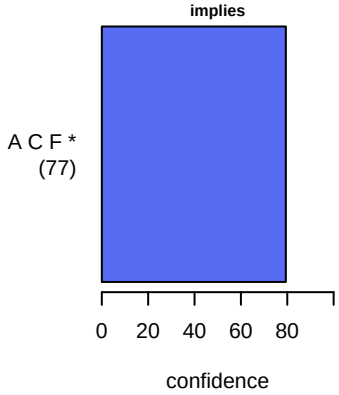
B,H,I,J (44)



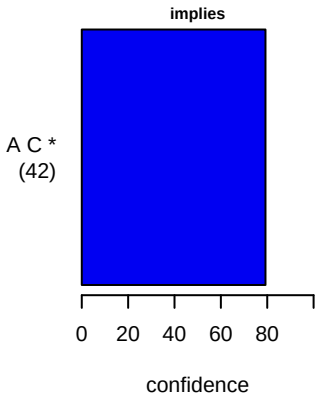
D,N,O,V,A1 (78)



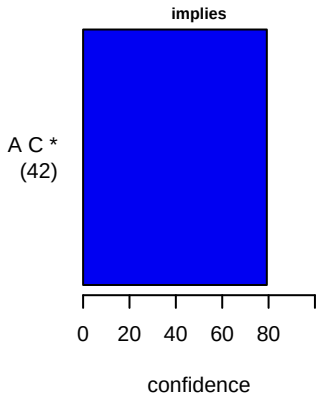
A,V,A1 (97)



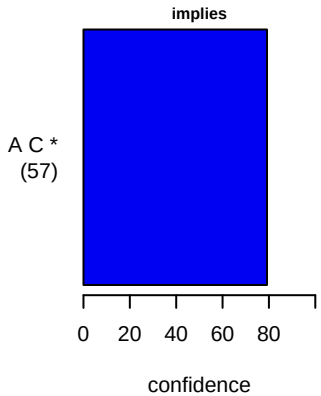
D,G,H,I,J,M (53)



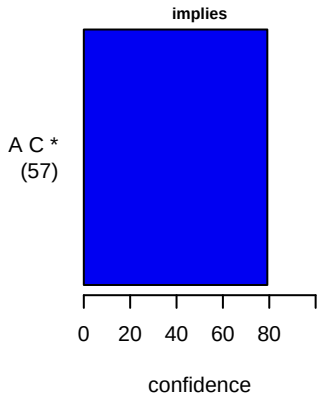
D,H,I,J,M (53)



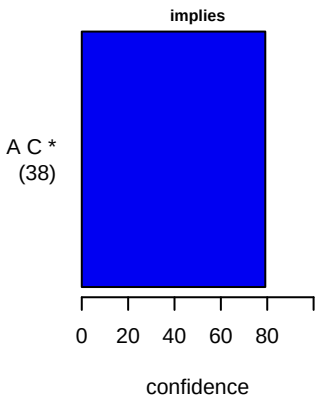
A,G,H,I,J,M (72)



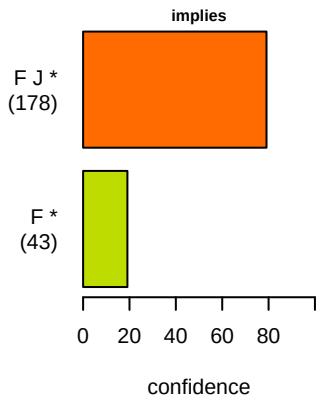
A,H,I,J,M (72)



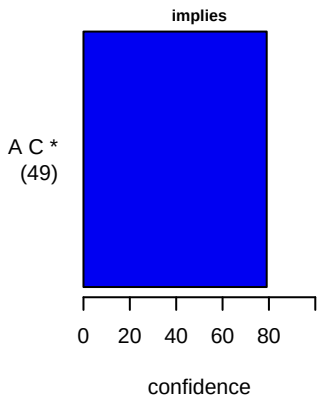
G,O,X1 (48)



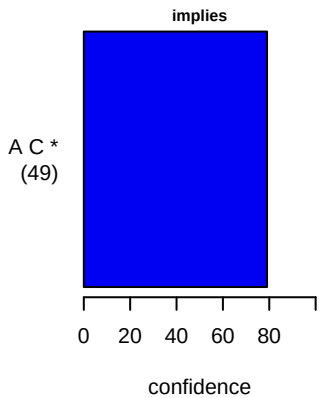
A1,D1,Q1 (225)



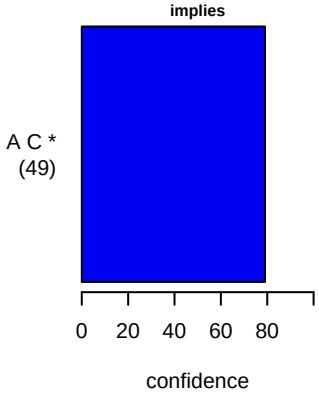
A,D,G,H,I,J (62)



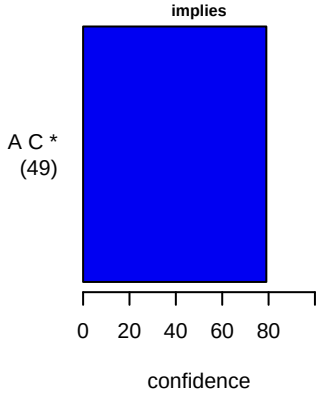
D,G,H,I,O (62)



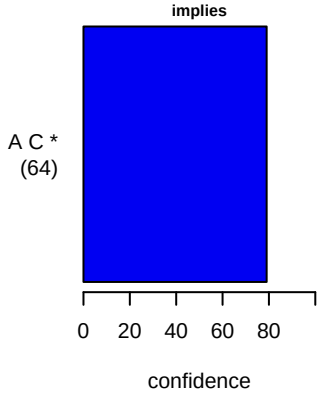
A,D,H,I,J (62)



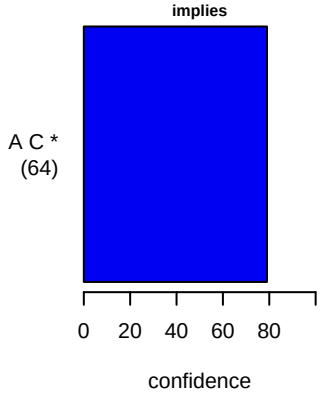
D,H,I,O (62)



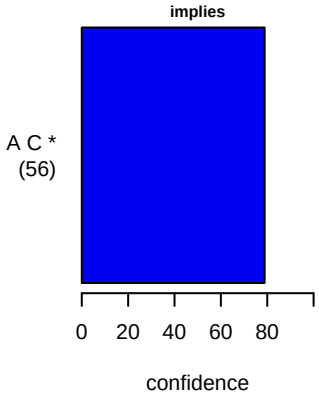
A,G,I,J,O (81)



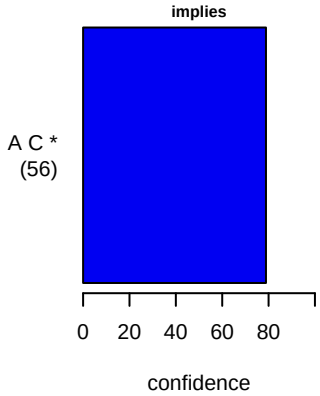
A,I,J,O (81)



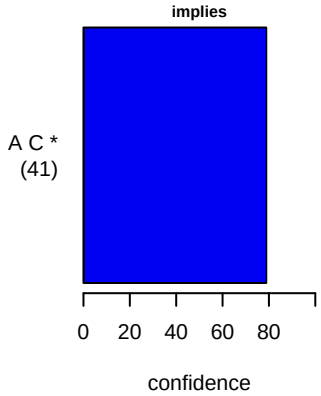
A,D,G,H,I,M (71)



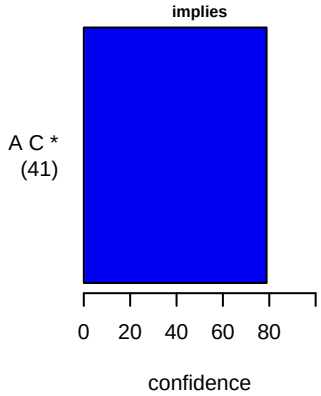
A,D,H,I,M (71)



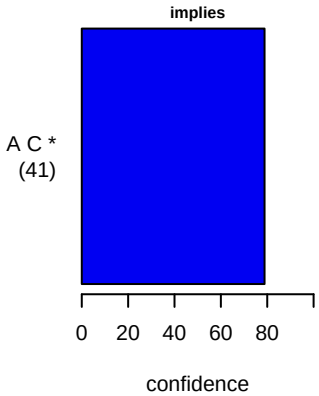
A,B,D,G,I (52)



A,B,G,J,O (52)



B,D,G,I (52)



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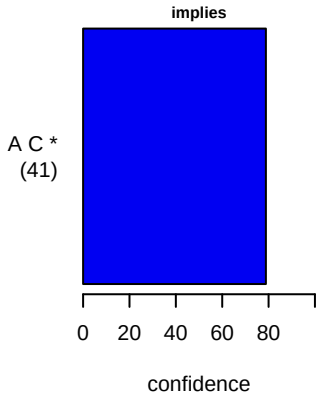
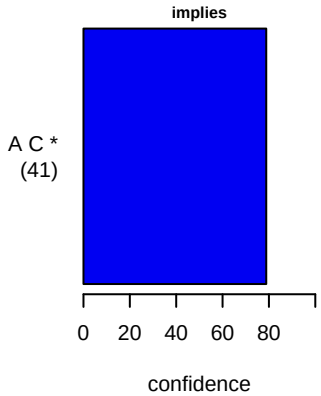
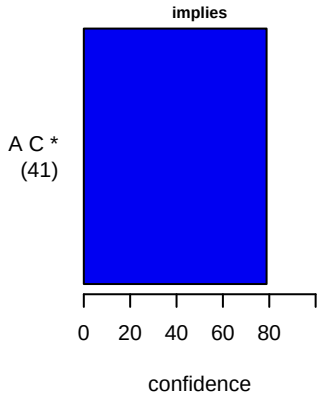


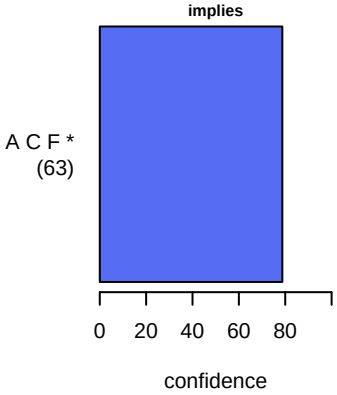
B,G,J,O (52)



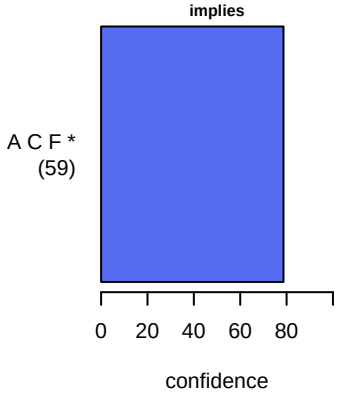
B,J,O (52)



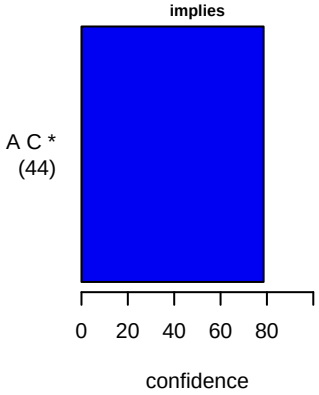
N,O,V,A1 (80)



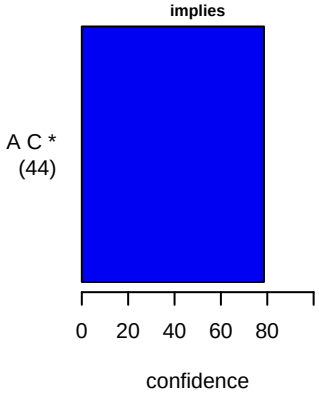
D,G,O,A1 (75)



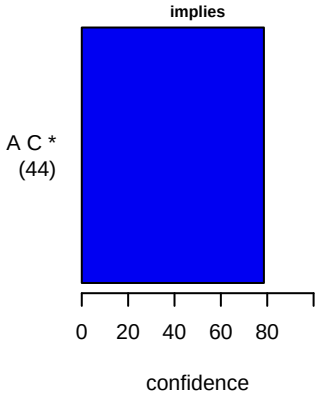
A,D,G,I,J,M,O (56)



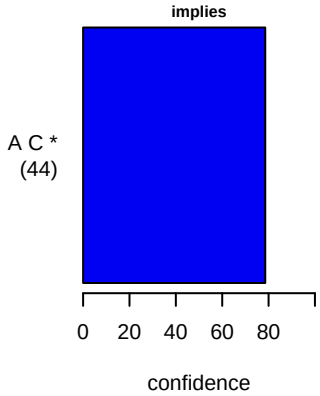
A,D,I,J,M,O (56)



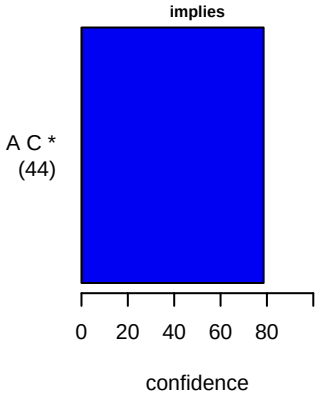
A,B,D,G,H (56)



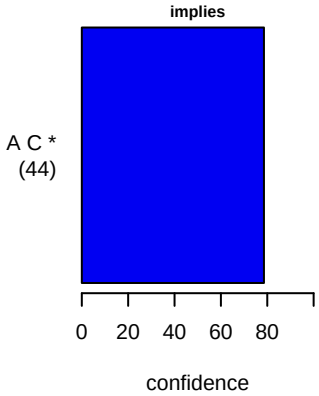
A,B,D,H (56)



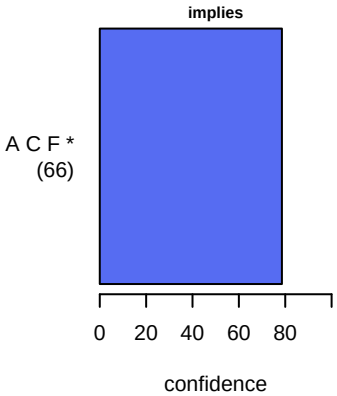
B,D,G,H (56)



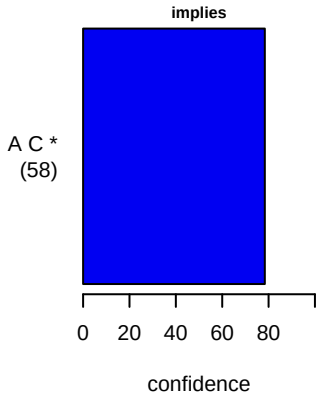
B,D,H (56)



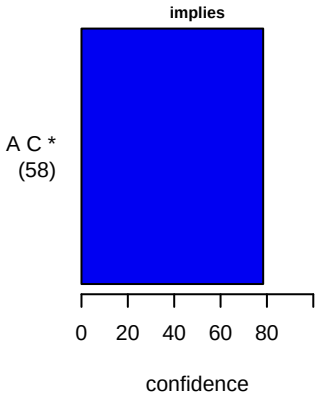
O,V,A1 (84)



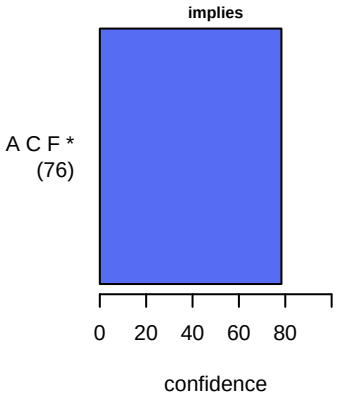
G,H,I,J,M (74)



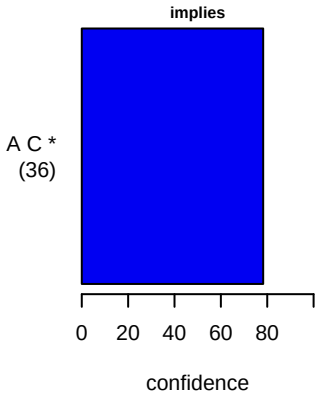
H,I,J,M (74)



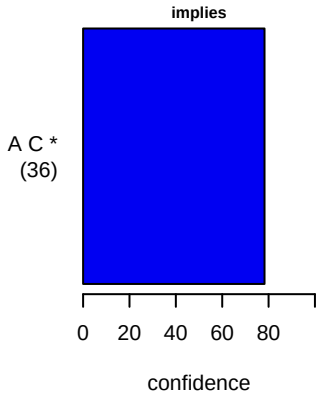
G,M,A1 (97)



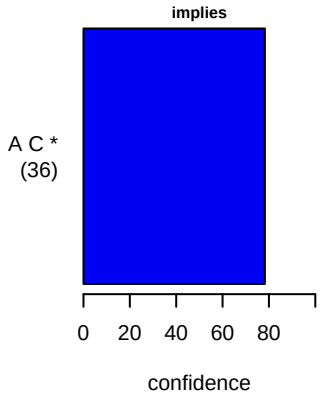
A,B,G,I,J (46)



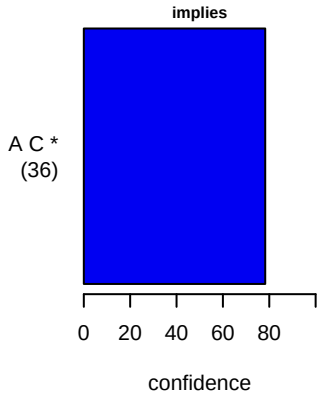
A,B,I,J (46)



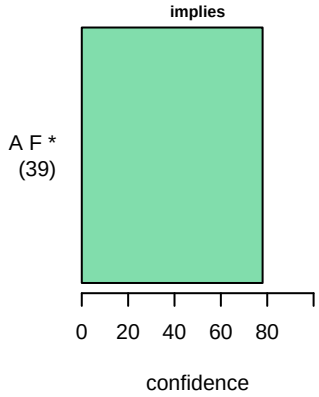
B,G,I,J (46)



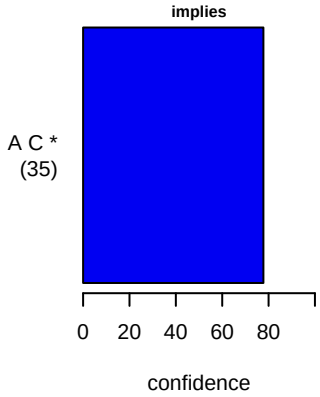
B,I,J (46)



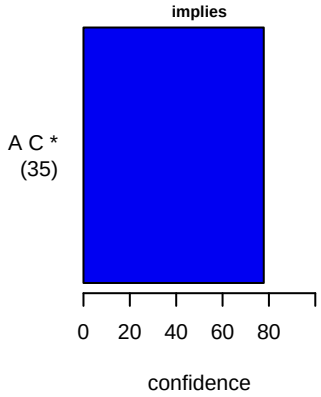
N,A1,Q1 (50)



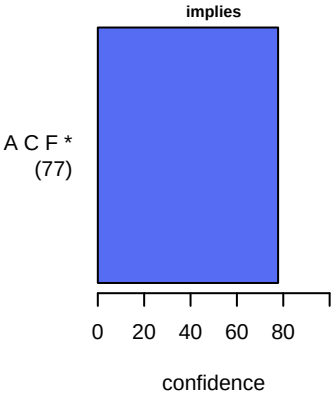
A,G,I,J,N (45)



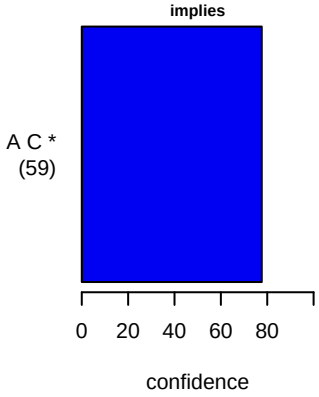
A,I,J,N (45)



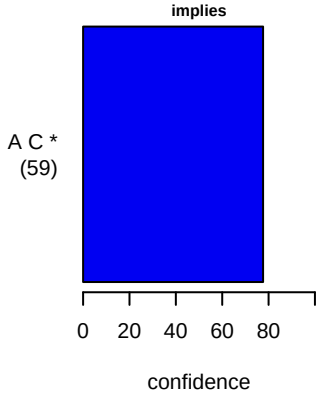
M,V,A1 (99)



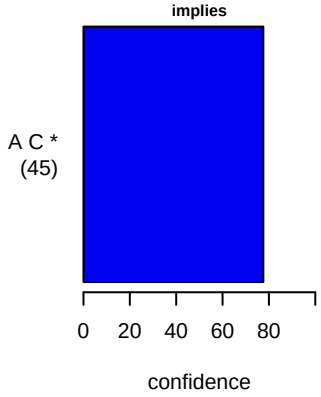
A,G,I,J,M,O (76)



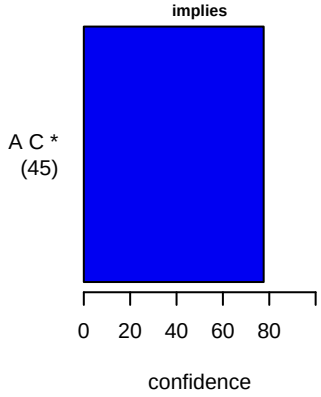
A,I,J,M,O (76)



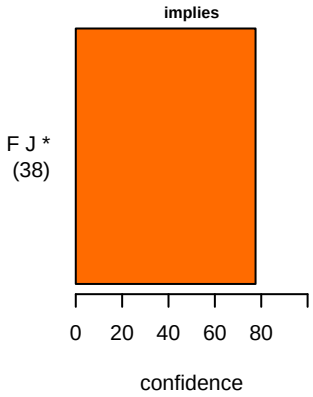
D,G,I,J,M,O (58)



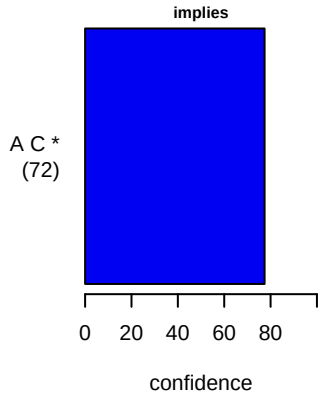
D,I,J,M,O (58)



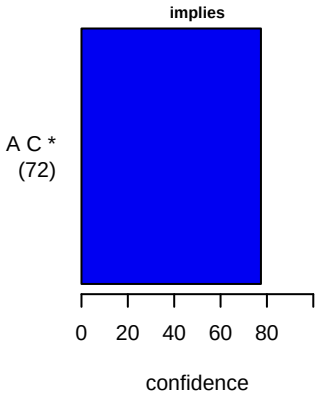
Z,A1,D1,R1 (49)



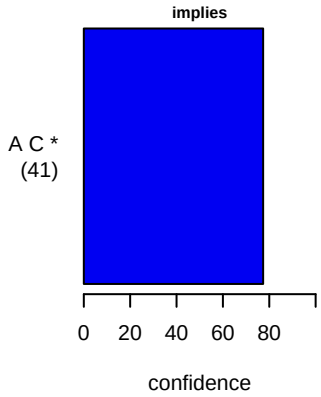
G,H,I,O (93)



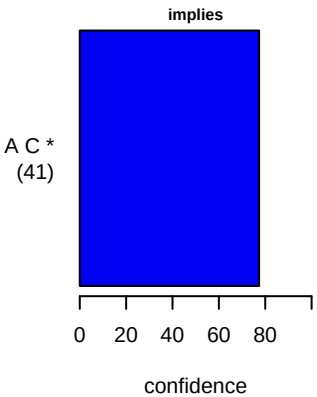
H,I,O (93)



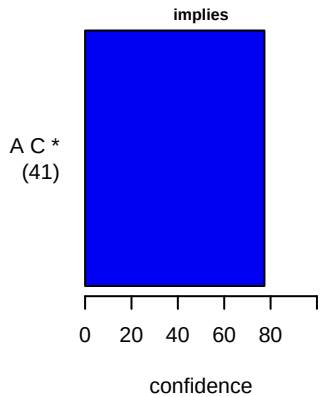
A,B,G,H,J,M (53)



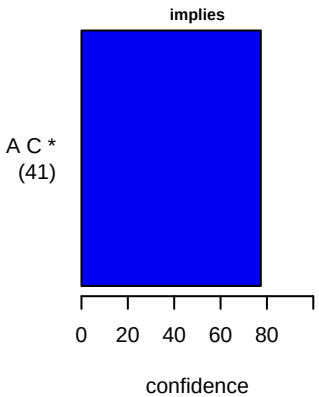
A,B,H,J,M (53)



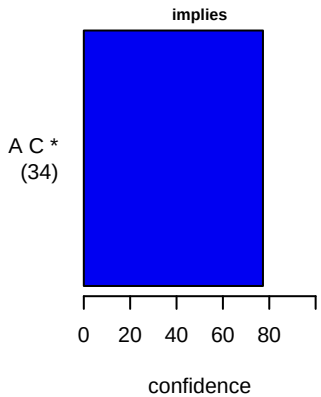
B,G,H,J,M (53)



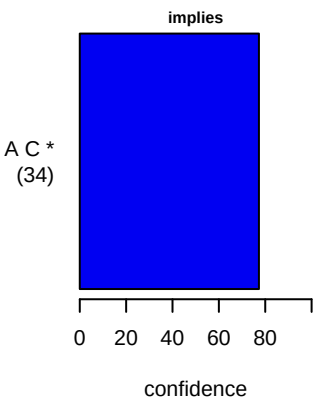
B,H,J,M (53)



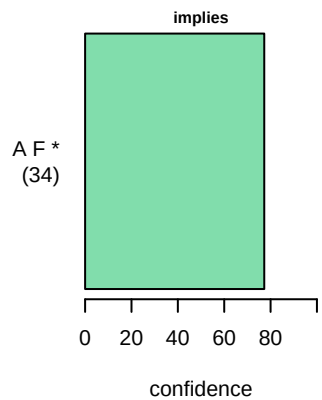
A,G,I,J,N,O (44)



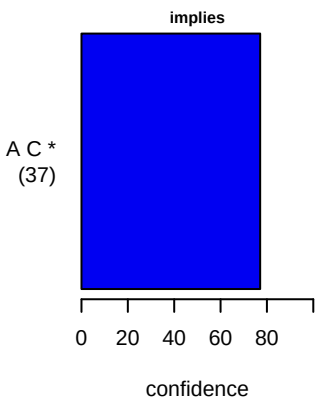
A,I,J,N,O (44)



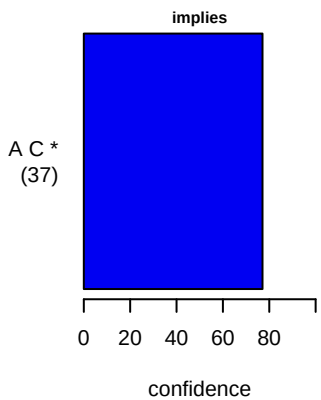
N,V,A1,Q1 (44)



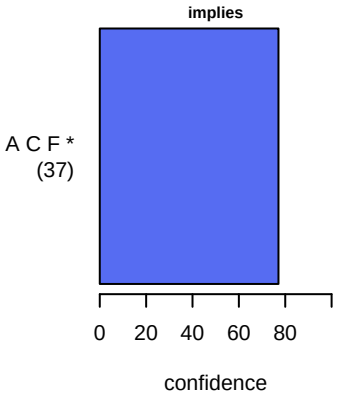
A,B,D,G,I,M (48)



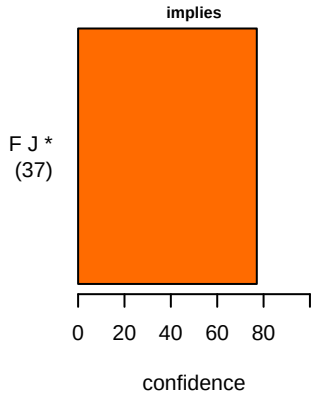
B,D,G,I,M (48)



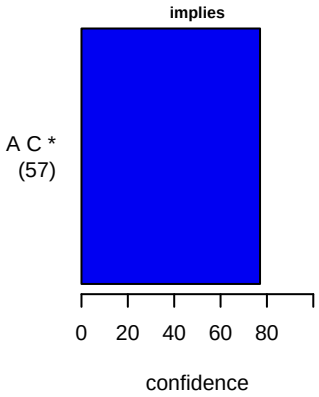
D,G,O,V,A1 (48)



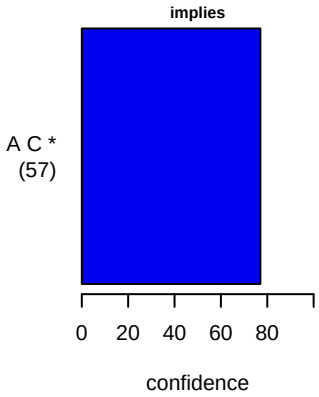
Z,A1,D1,Q1,R1 (48)



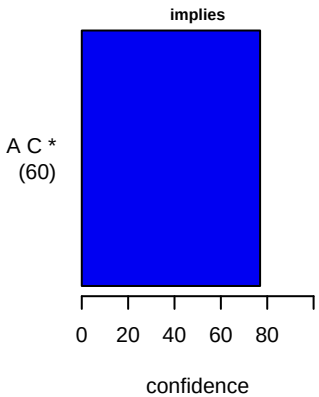
D,G,H,I,M (74)



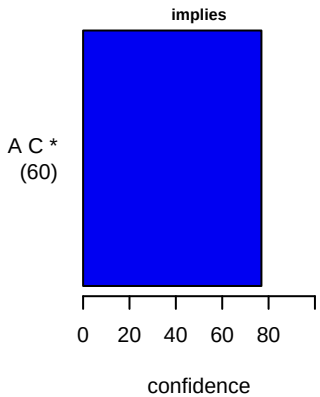
D,H,I,M (74)



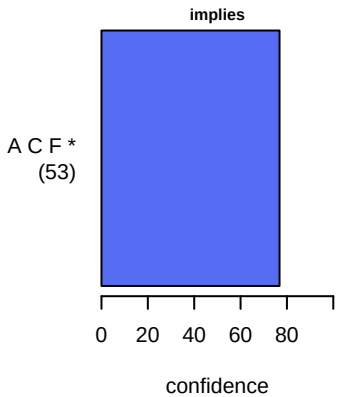
G,I,J,M,O (78)



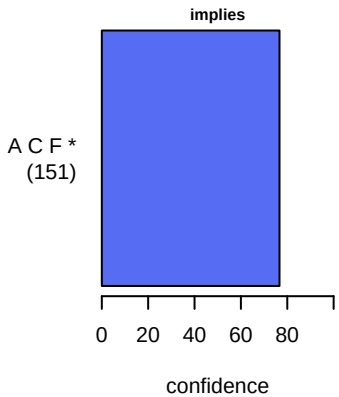
I,J,M,O (78)



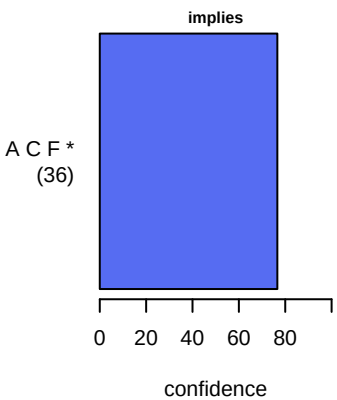
D,G,N,O,A1 (69)



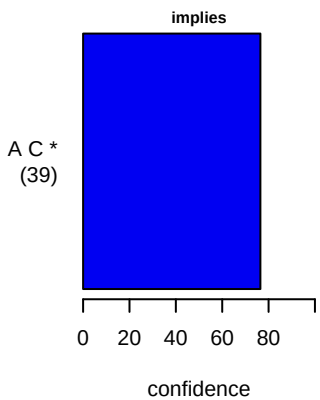
A,D,A1 (197)



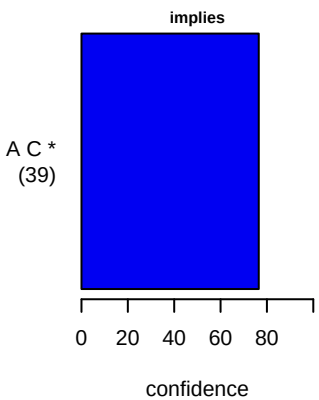
D,G,N,O,V,A1 (47)



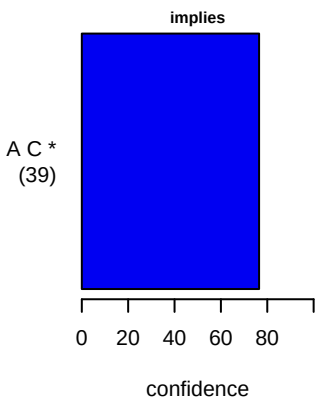
A,B,D,G,H,M (51)

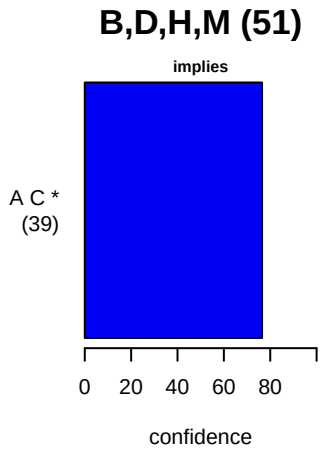


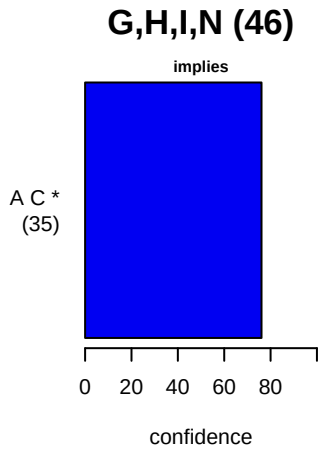
A,B,D,H,M (51)

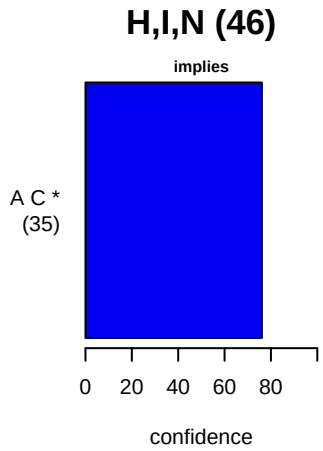


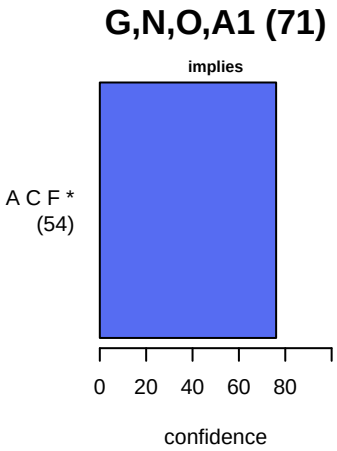
B,D,G,H,M (51)

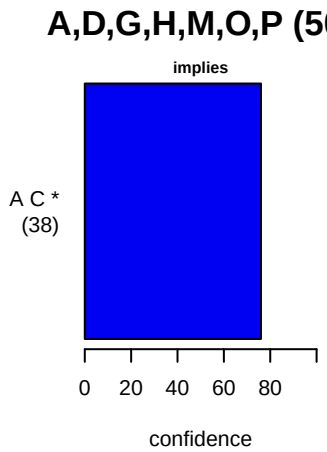


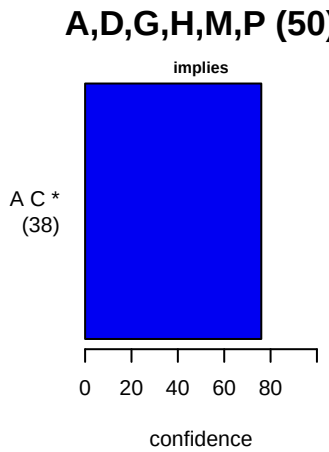

B,D,H,M (51)
implies
A C *
(39)
0 20 40 60 80
confidence

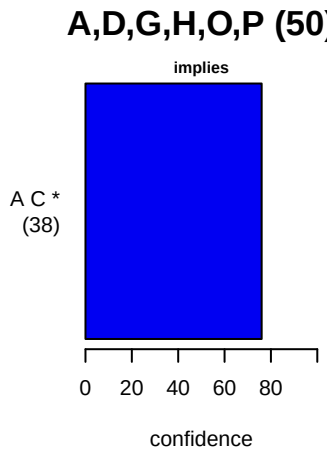

G,H,I,N (46)
implies
A C *
(35)
0 20 40 60 80
confidence

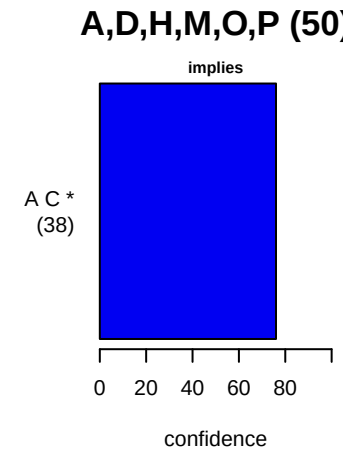

H,I,N (46)
implies
A C *
(35)
0 20 40 60 80
confidence

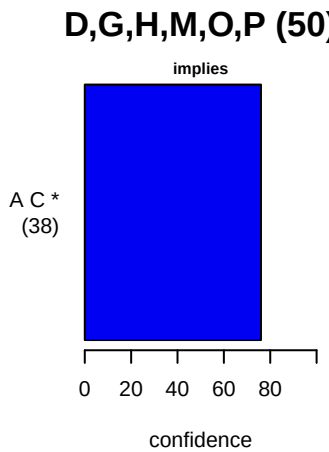

G,N,O,A1 (71)
implies
A C F *
(54)
0 20 40 60 80
confidence

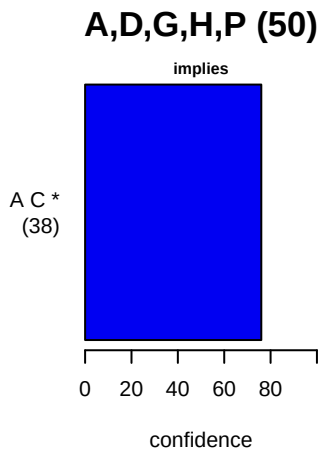

A,D,G,H,M,O,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

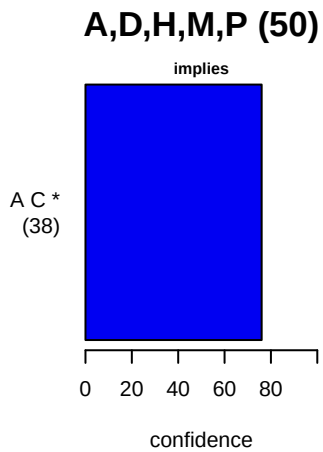

A,D,G,H,M,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

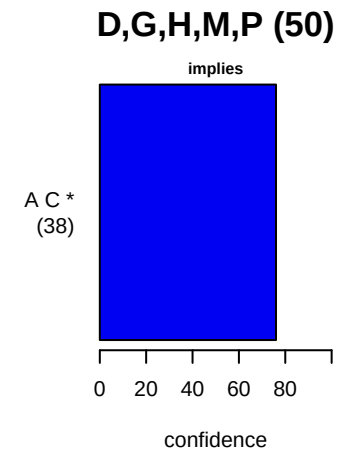

A,D,G,H,O,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

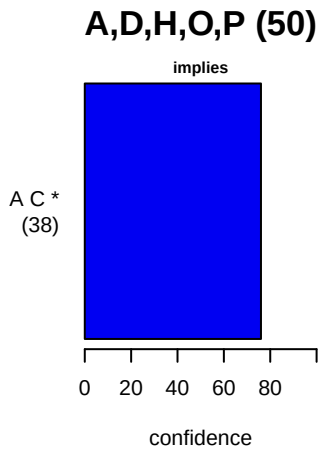

A,D,H,M,O,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

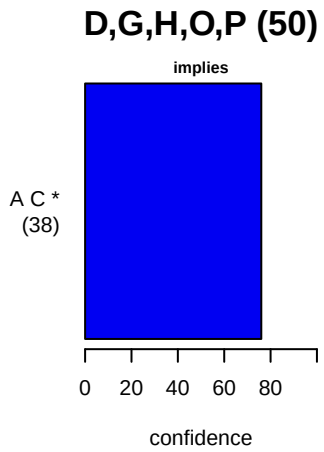

D,G,H,M,O,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

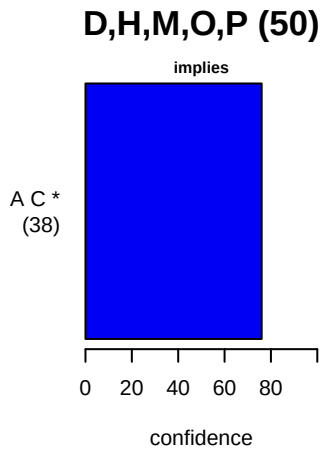

A,D,G,H,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

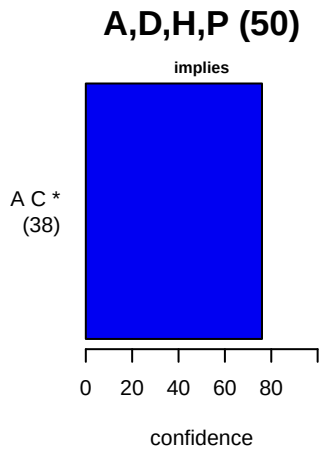

A,D,H,M,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

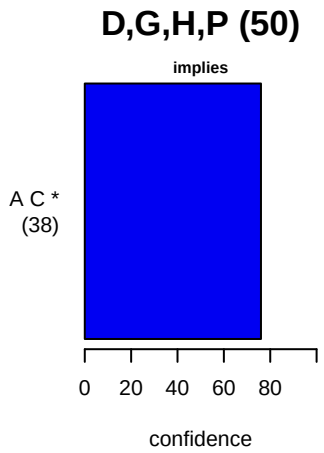

D,G,H,M,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

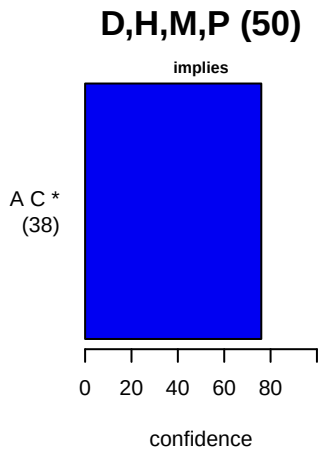

A,D,H,O,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

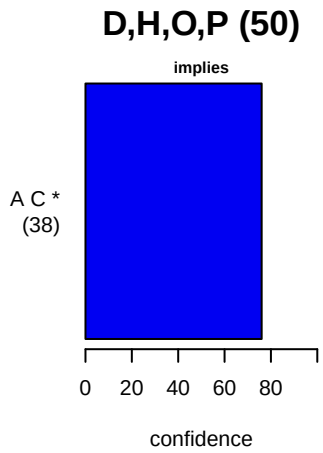

D,G,H,O,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

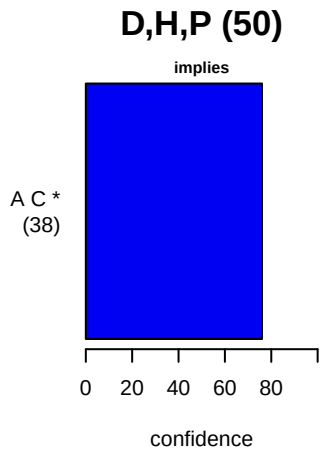

D,H,M,O,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

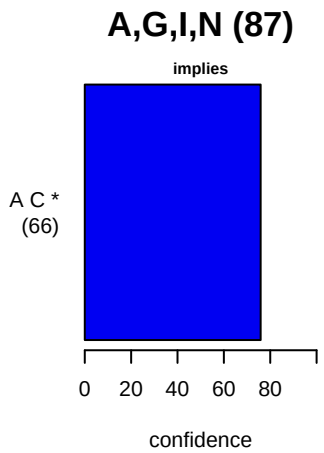

A,D,H,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

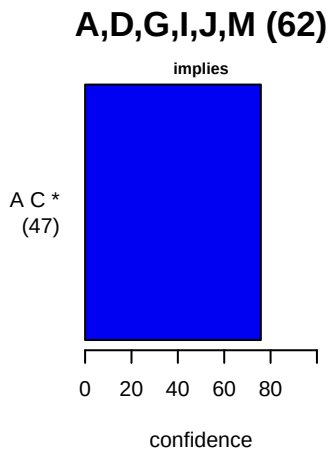

D,G,H,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

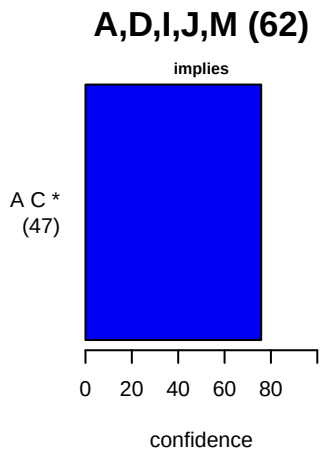

D,H,M,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

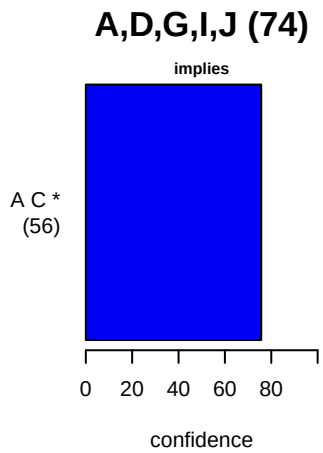

D,H,O,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence


D,H,P (50)
implies
A C *
(38)
0 20 40 60 80
confidence

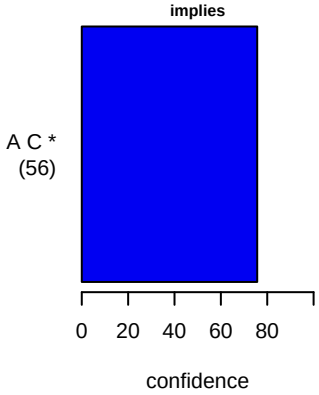

A,G,I,N (87)
implies
A C *
(66)
0 20 40 60 80
confidence


A,D,G,I,J,M (62)
implies
A C *
(47)
0 20 40 60 80
confidence

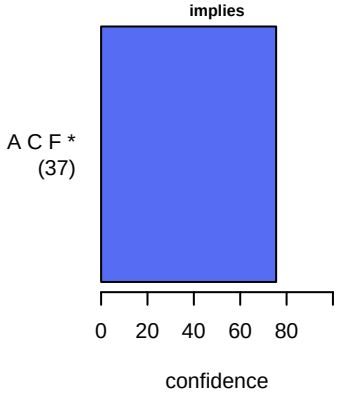

A,D,I,J,M (62)
implies
A C *
(47)
0 20 40 60 80
confidence


A,D,G,I,J (74)
implies
A C *
(56)
0 20 40 60 80
confidence

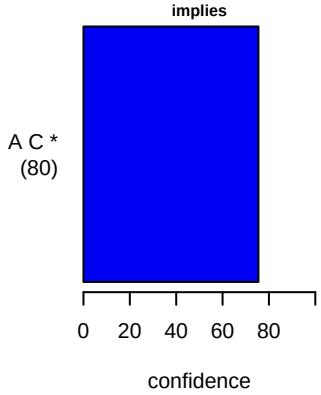
A,D,I,J (74)



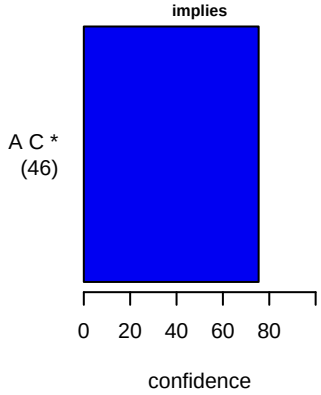
G,N,O,V,A1 (49)



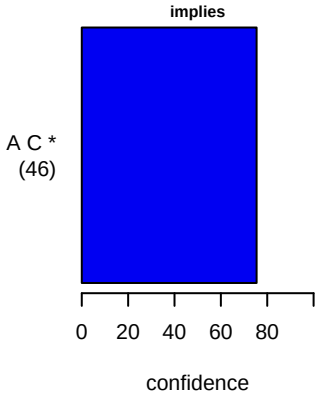
A,D,G,I,O (106)



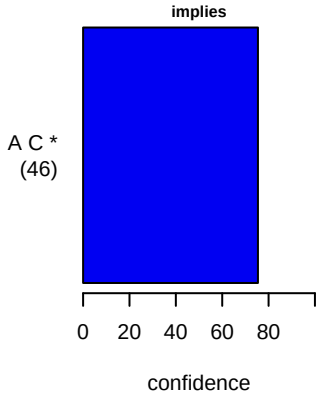
A,B,G,H,J (61)



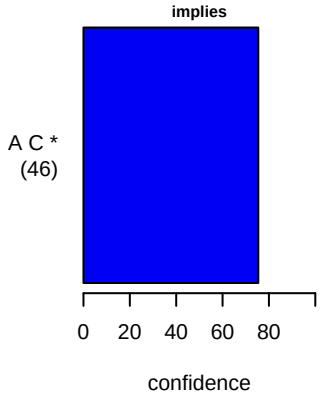
A,B,H,J (61)



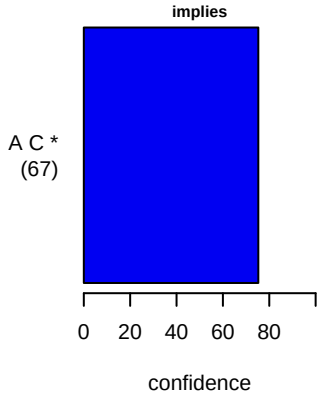
B,G,H,J (61)



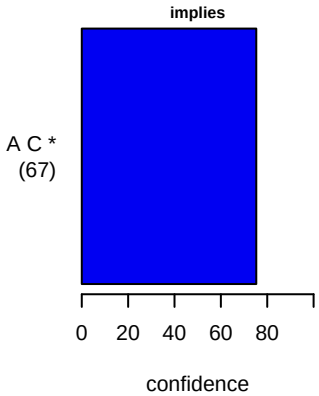
B,H,J (61)



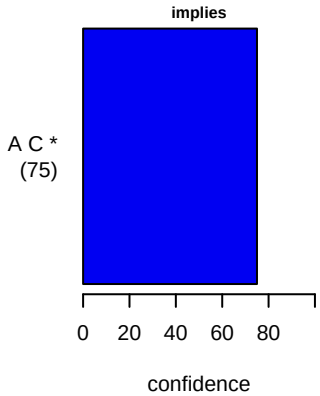
G,I,J,O (89)



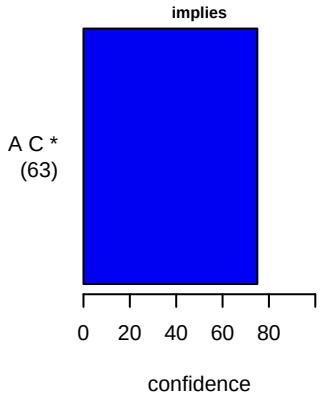
I,J,O (89)



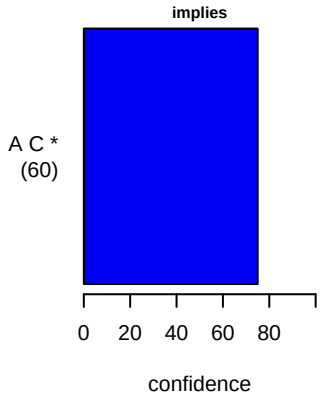
A,D,G,I,M,O (100)



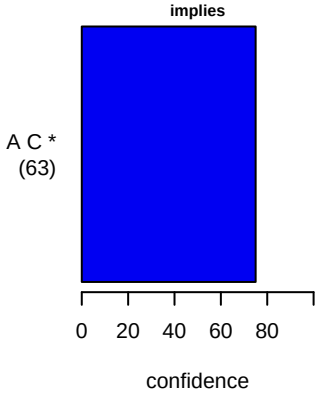
A,D,G,I,N (84)



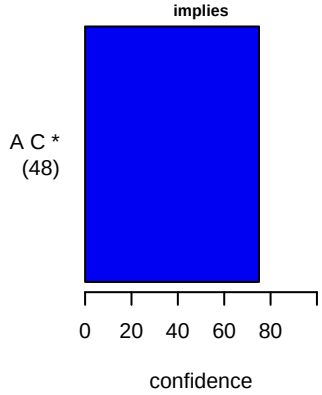
A,G,I,N,O (80)



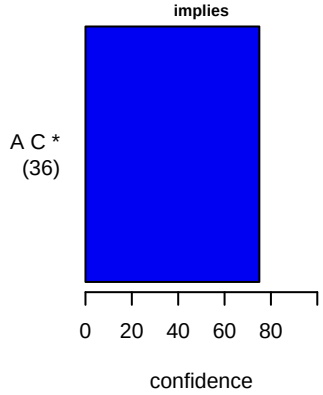
A,G,I,J,M (84)



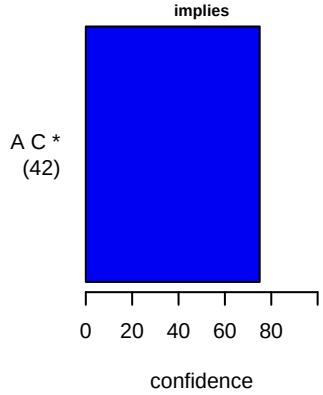
D,G,I,J,M (64)



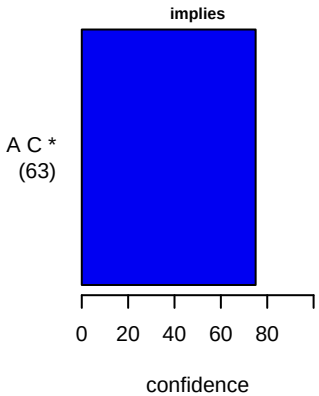
A,G,H,J,W1 (48)



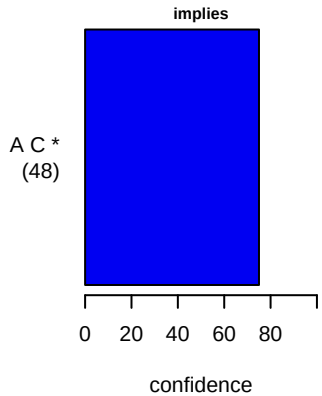
A,B,G,J,M (56)



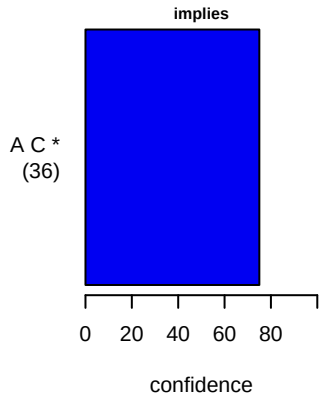
A,I,J,M (84)



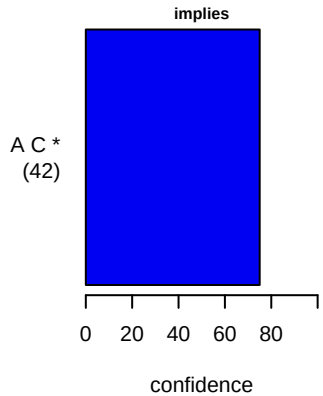
D,I,J,M (64)



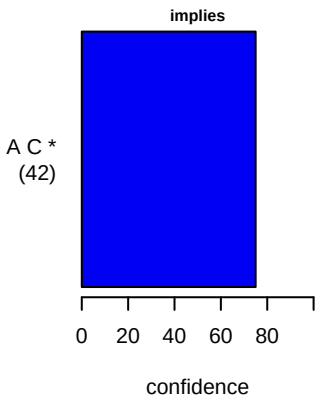
A,H,J,W1 (48)



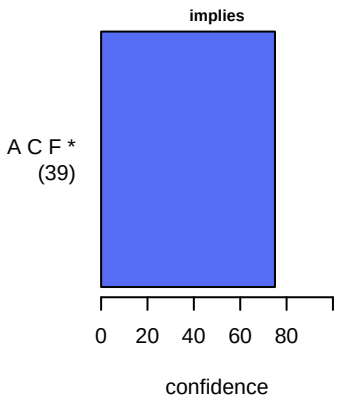
A,B,J,M (56)



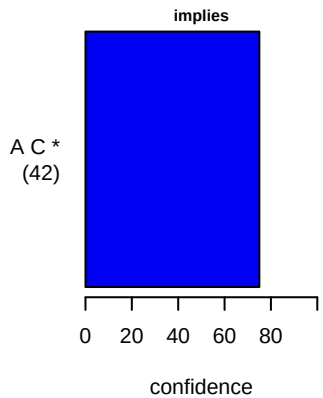
B,G,J,M (56)



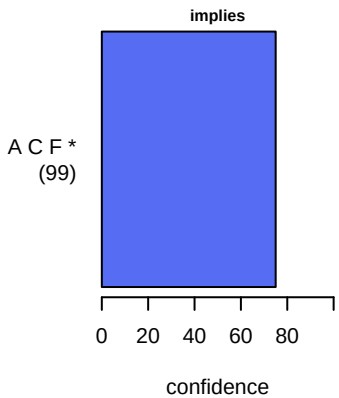
G,O,V,A1 (52)



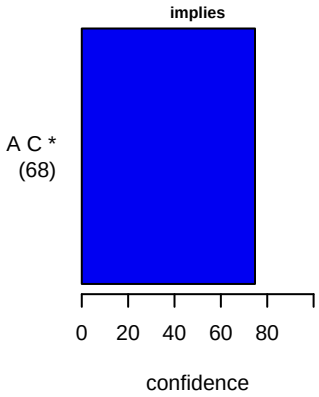
B,J,M (56)



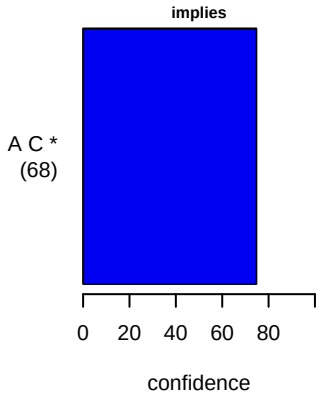
O,A1 (132)



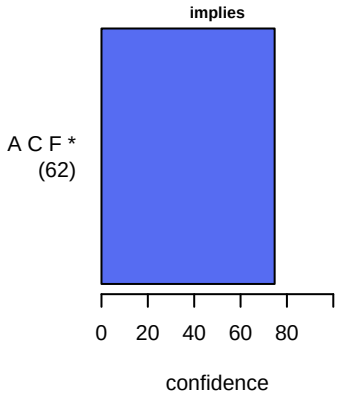
A,B,G,M,O (91)



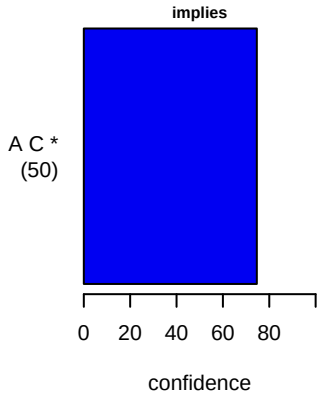
B,G,M,O (91)



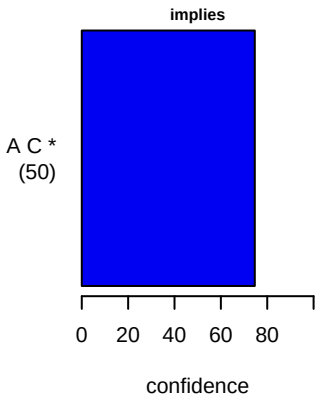
G,O,A1 (83)



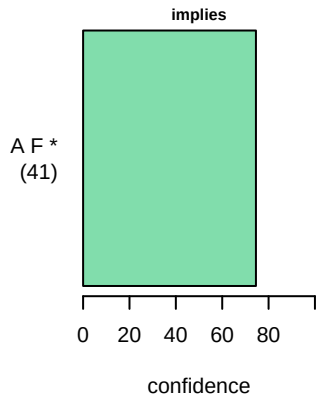
D,G,I,J,O (67)



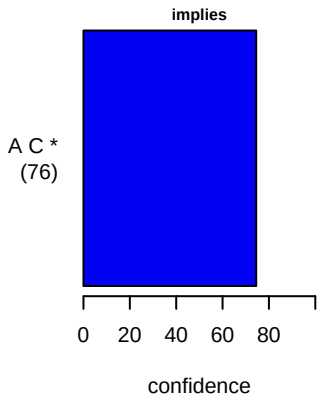
D,I,J,O (67)



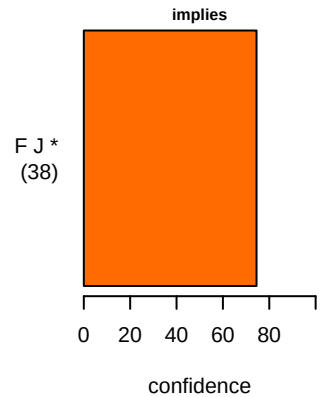
D,V,A1,Q1 (55)



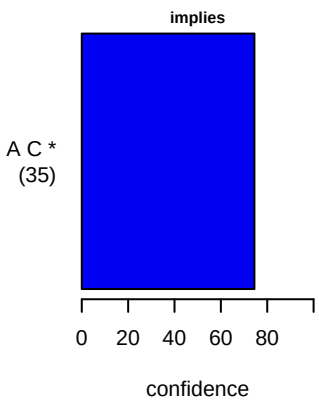
D,G,I,M,O (102)



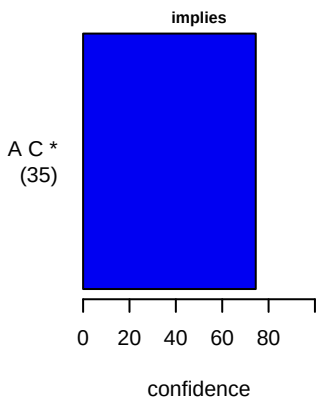
Z,A1,R1 (51)



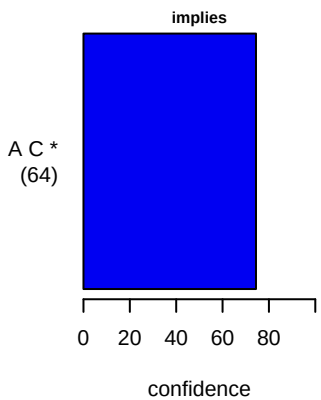
A,D,G,H,W1 (47)



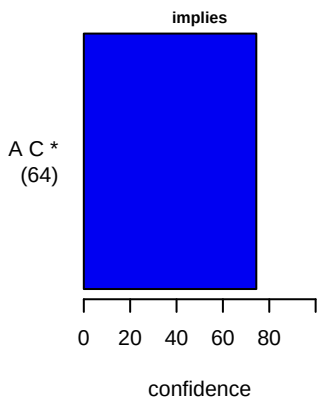
A,D,H,W1 (47)

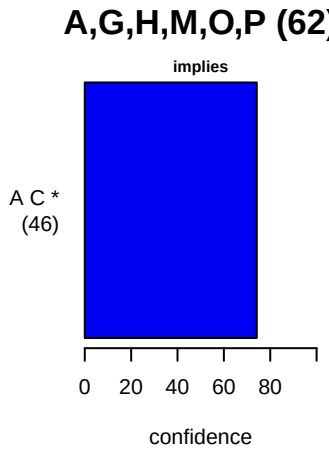


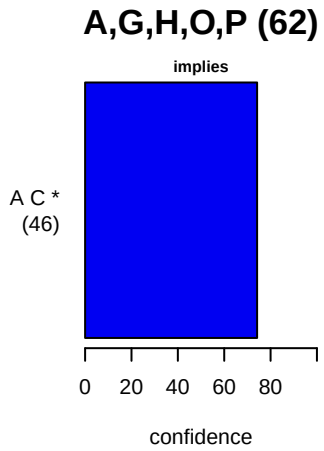
G,I,J,M (86)

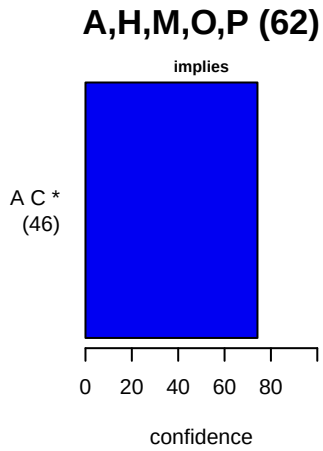


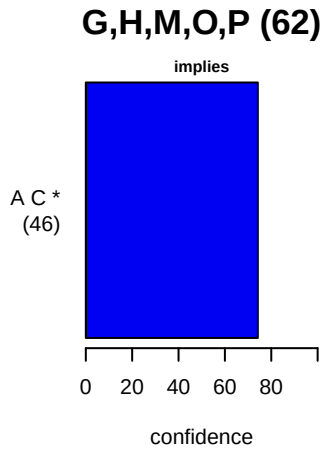
I,J,M (86)

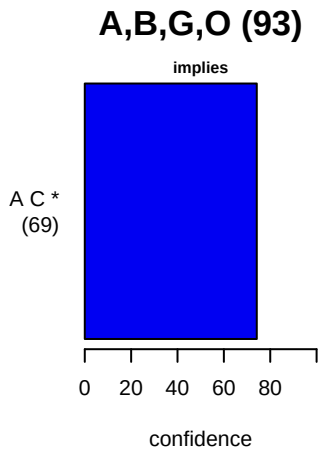


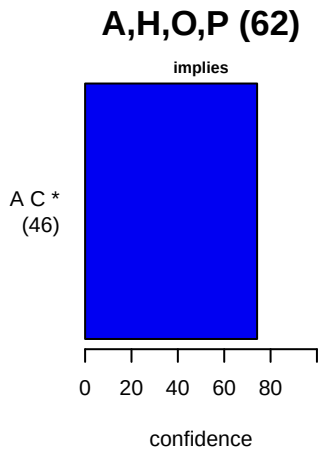

A,G,H,M,O,P (62)
implies
A C *
(46)
0 20 40 60 80
confidence

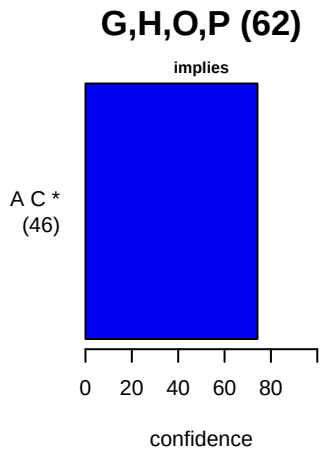

A,G,H,O,P (62)
implies
A C *
(46)
0 20 40 60 80
confidence

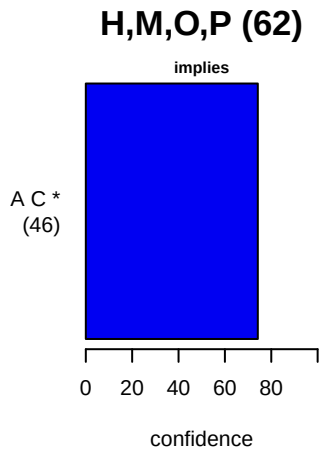

A,H,M,O,P (62)
implies
A C *
(46)
0 20 40 60 80
confidence

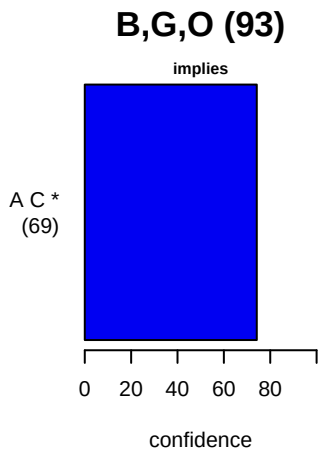

G,H,M,O,P (62)
implies
A C *
(46)
0 20 40 60 80
confidence

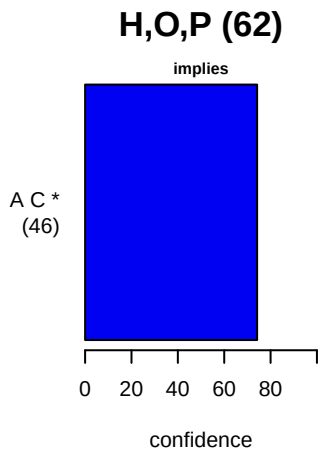

A,B,G,O (93)
implies
A C *
(69)
0 20 40 60 80
confidence

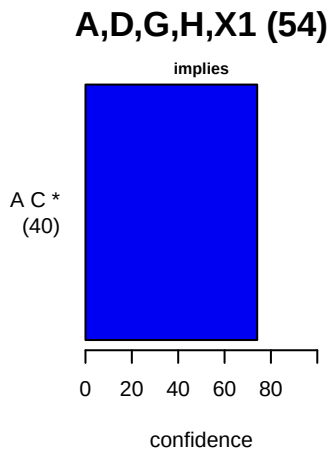

A,H,O,P (62)
implies
A C *
(46)
0 20 40 60 80
confidence

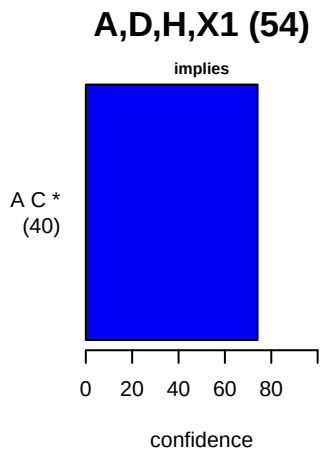

G,H,O,P (62)
implies
A C *
(46)
0 20 40 60 80
confidence


H,M,O,P (62)
implies
A C *
(46)
0 20 40 60 80
confidence

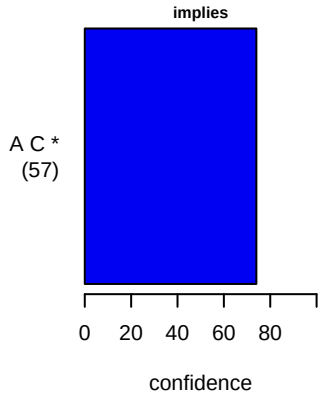

B,G,O (93)
implies
A C *
(69)
0 20 40 60 80
confidence


H,O,P (62)
implies
A C *
(46)
0 20 40 60 80
confidence

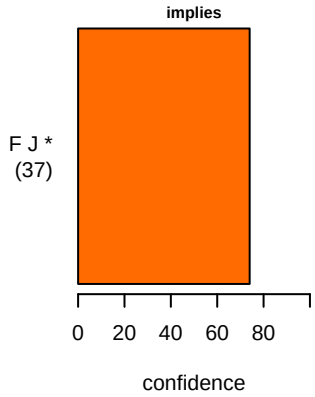

A,D,G,H,X1 (54)
implies
A C *
(40)
0 20 40 60 80
confidence


A,D,H,X1 (54)
implies
A C *
(40)
0 20 40 60 80
confidence

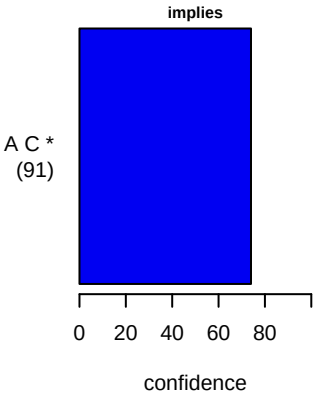
A,D,G,I,N,O (77)



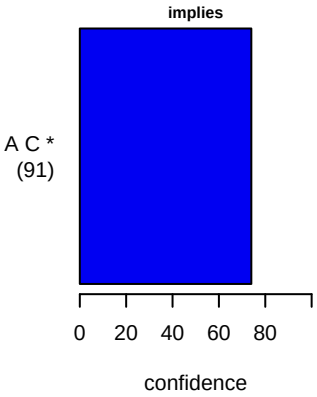
Z,A1,Q1,R1 (50)



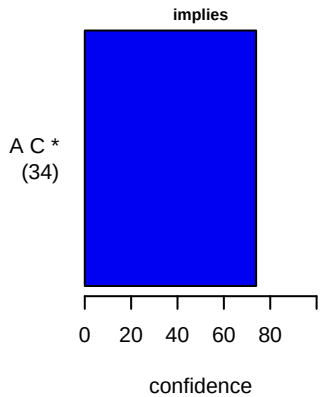
A,D,G,H,O (123)



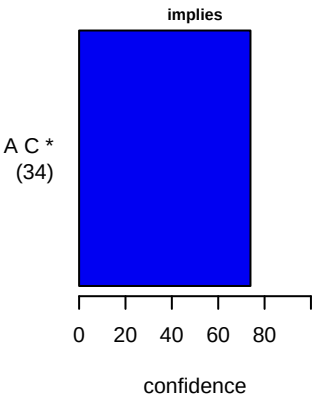
A,D,H,O (123)



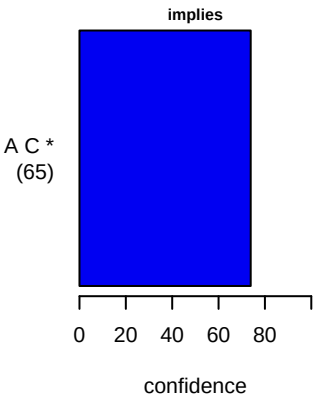
G,H,M,O,W1 (46)



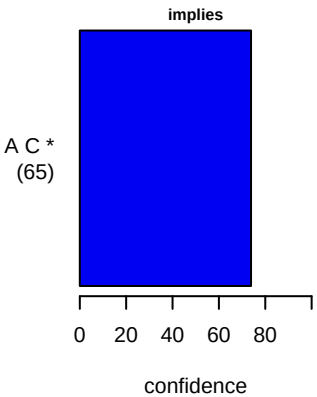
H,M,O,W1 (46)



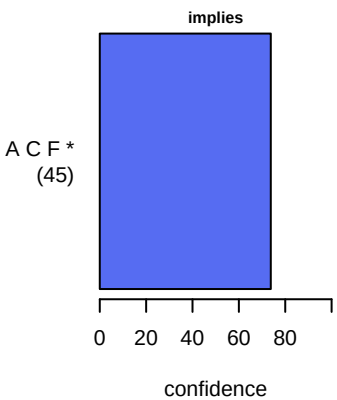
A,G,H,M,N (88)



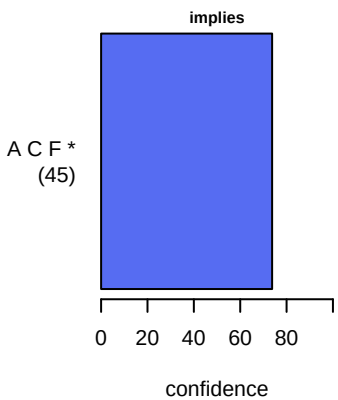
A,H,M,N (88)



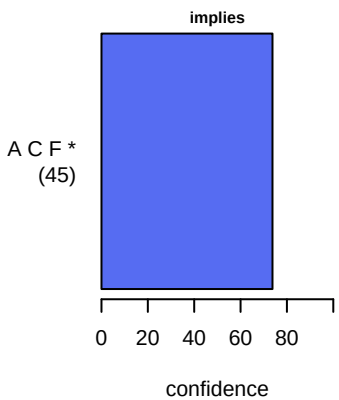
A,M,N,O,P,V (61)



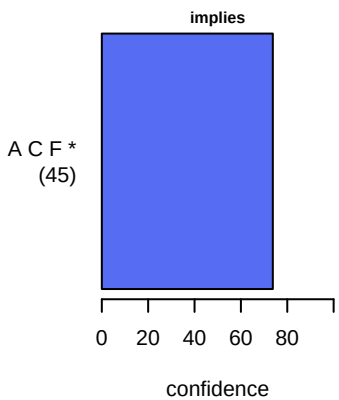
A,M,N,P,V (61)



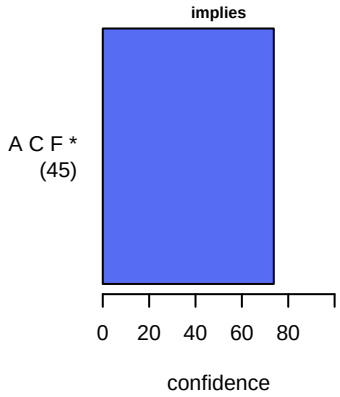
A,N,O,P,V (61)



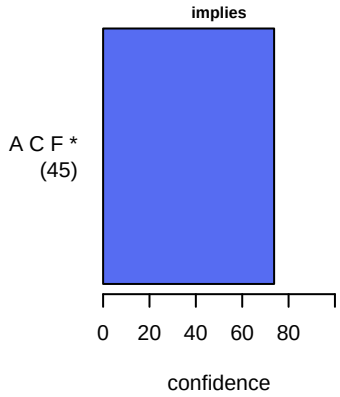
M,N,O,P,V (61)



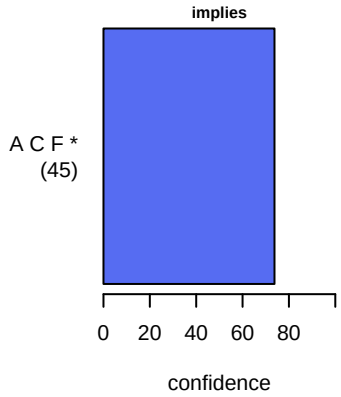
A,N,P,V (61)



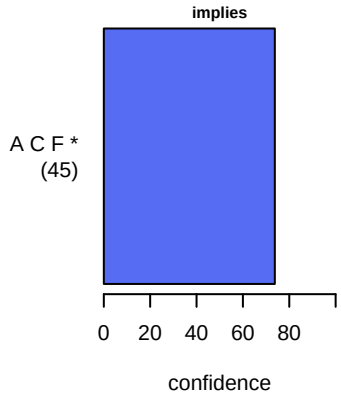
M,N,P,V (61)



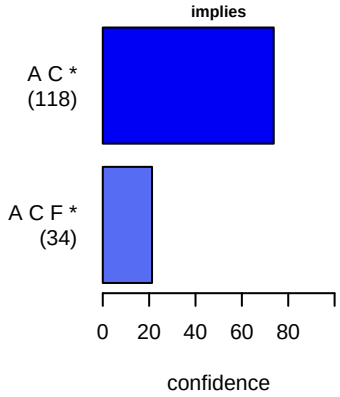
N,O,P,V (61)



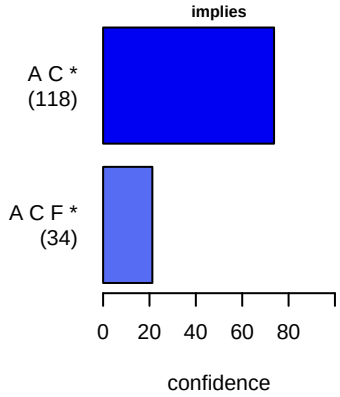
N,P,V (61)



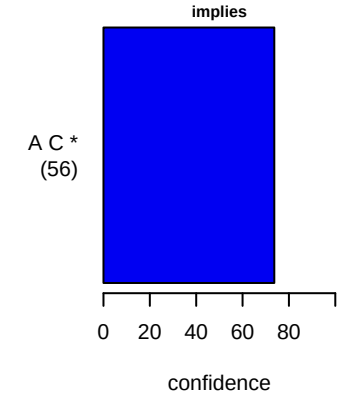
A,G,H,M,O (160)



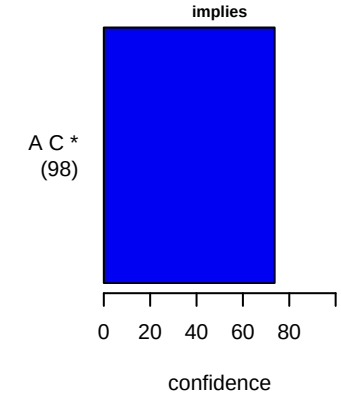
A,H,M,O (160)



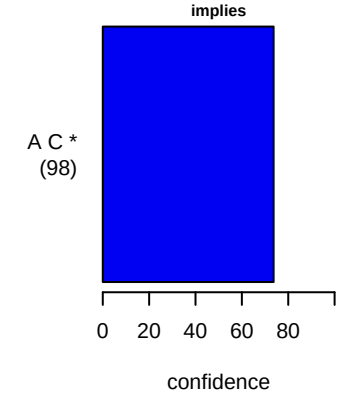
A,G,I,M,N,O (76)



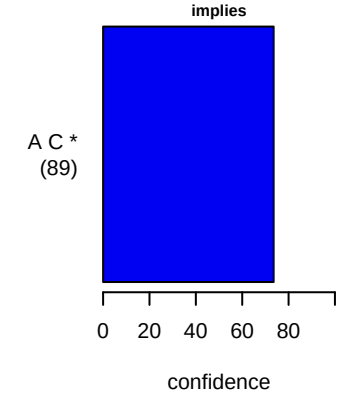
A,G,H,J,O (133)



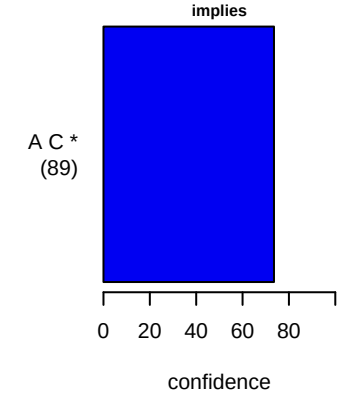
A,H,J,O (133)



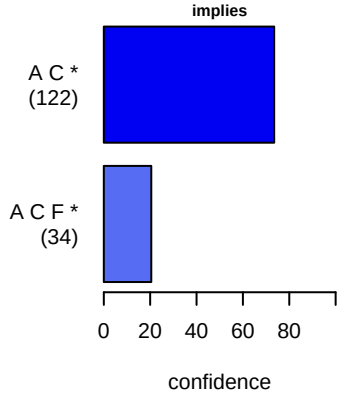
A,D,G,H,M,O (121)



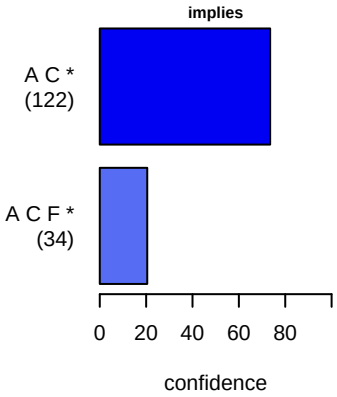
A,D,H,M,O (121)



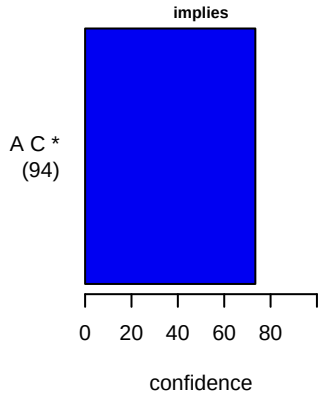
A,G,H,O (166)



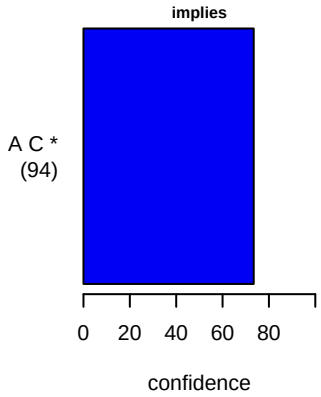
A,H,O (166)



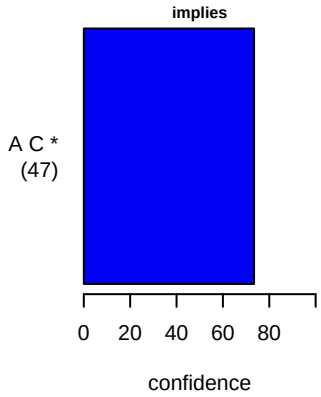
A,G,H,J,M,O (128)



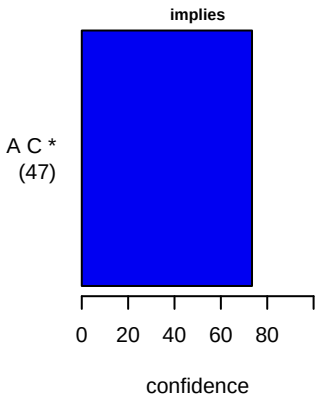
A,H,J,M,O (128)



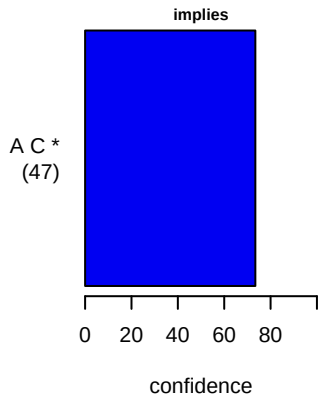
A,B,D,G,O (64)



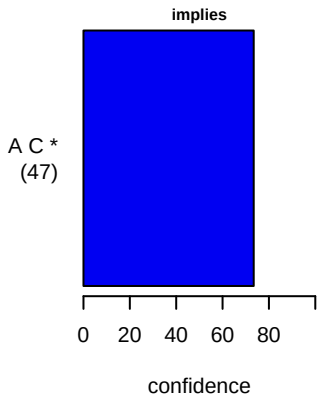
A,G,H,M,P (64)



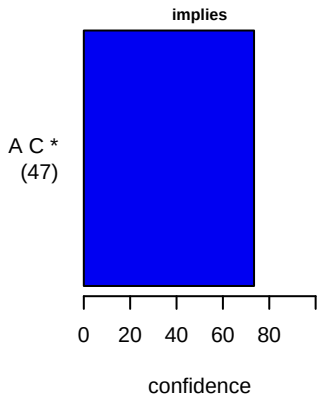
B,D,G,O (64)



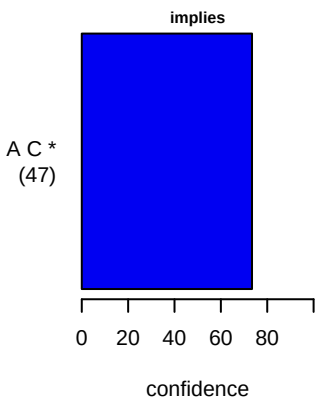
A,B,G,J (64)



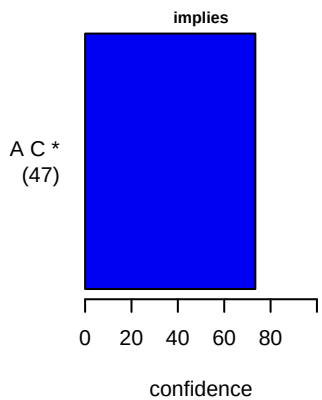
A,G,H,P (64)



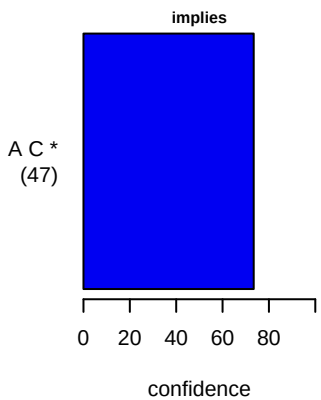
A,H,M,P (64)



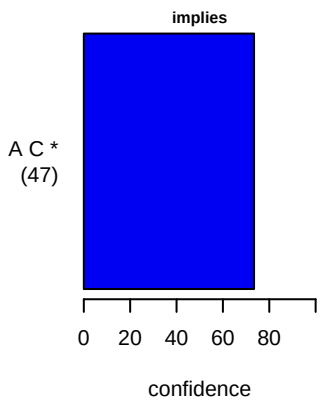
G,H,M,P (64)



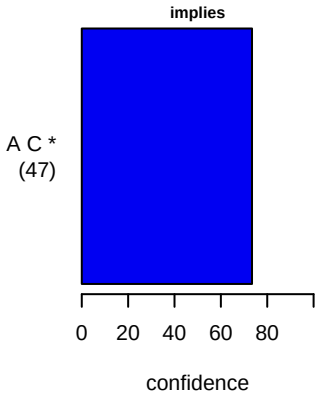
A,B,J (64)



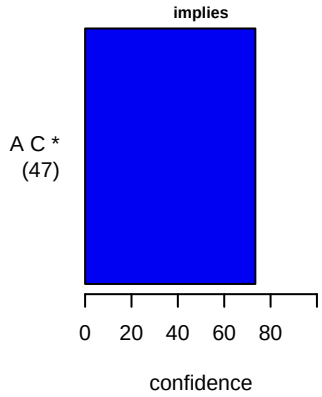
B,G,J (64)



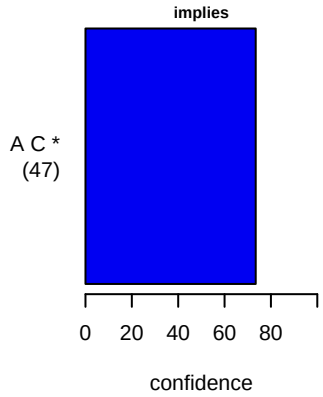
A,H,P (64)



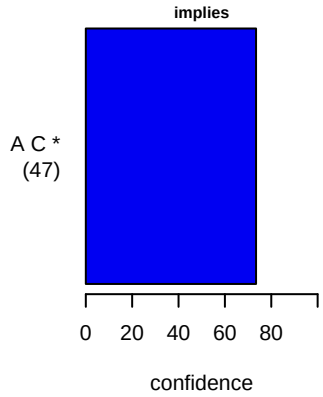
G,H,P (64)



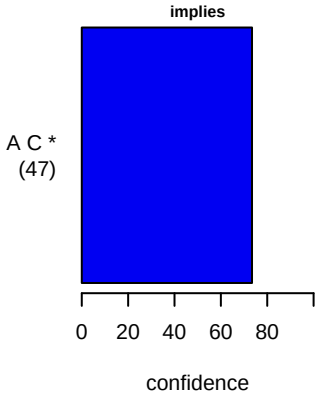
H,M,P (64)



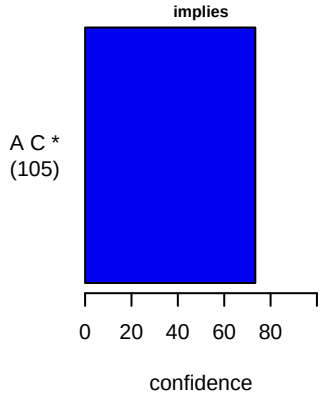
B,J (64)



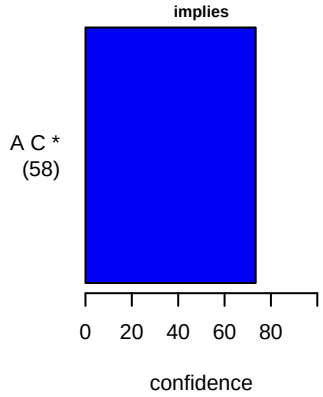
H,P (64)



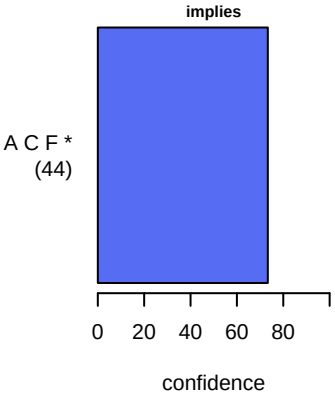
A,G,I,O (143)



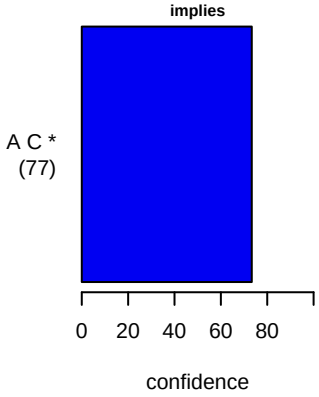
A,G,I,M,N (79)



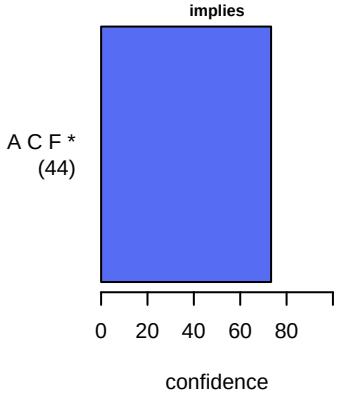
A,D,M,N,O,P,V (60)



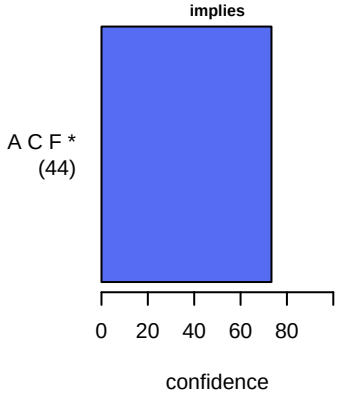
A,D,G,H,J,O (105)



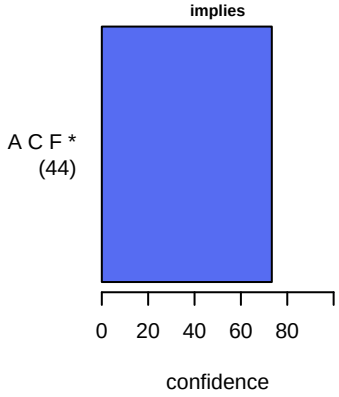
A,D,M,N,P,V (60)

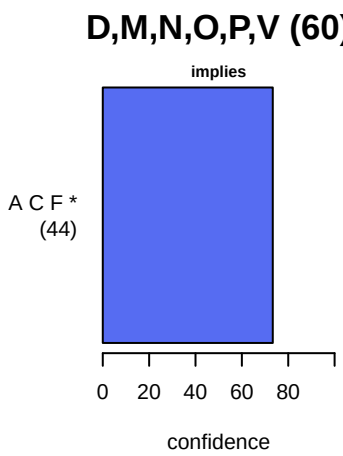


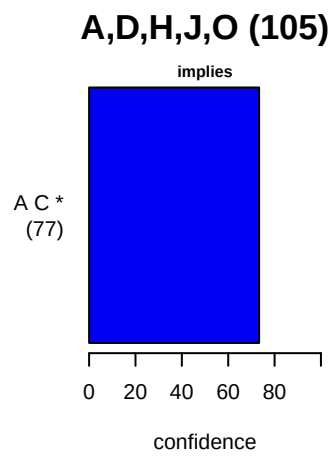
A,D,M,O,P,V (60)

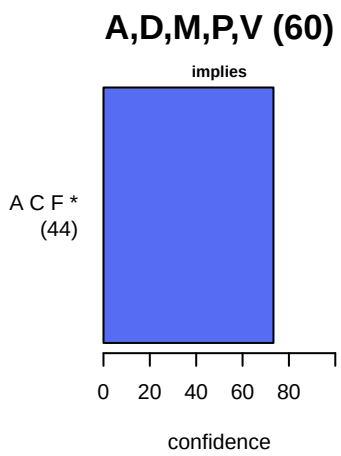


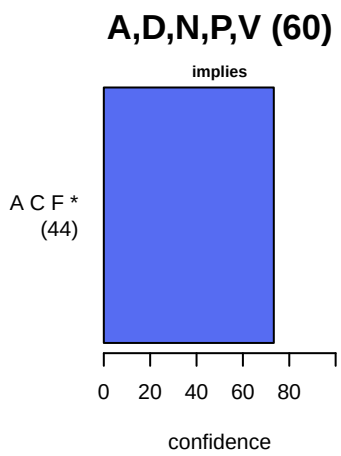
A,D,N,O,P,V (60)

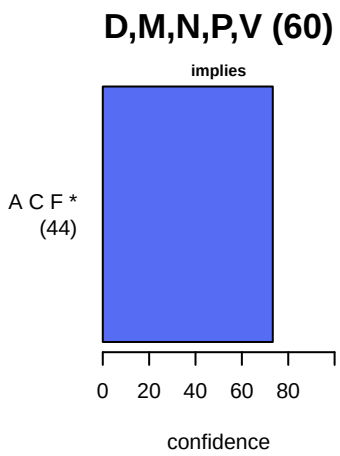


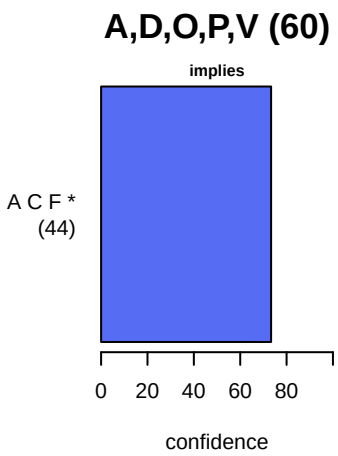

D,M,N,O,P,V (60)
implies
A C F *
(44)
0 20 40 60 80
confidence

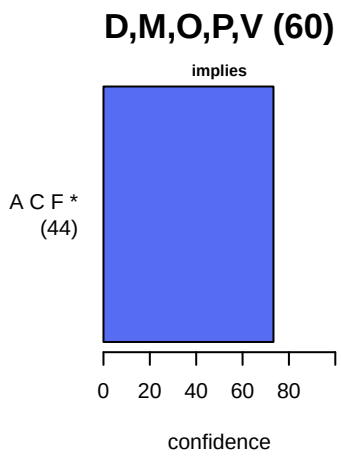

A,D,H,J,O (105)
implies
A C *
(77)
0 20 40 60 80
confidence

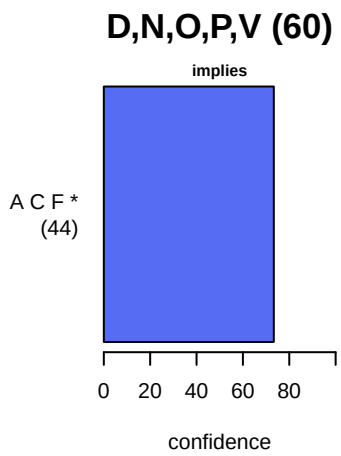

A,D,M,P,V (60)
implies
A C F *
(44)
0 20 40 60 80
confidence

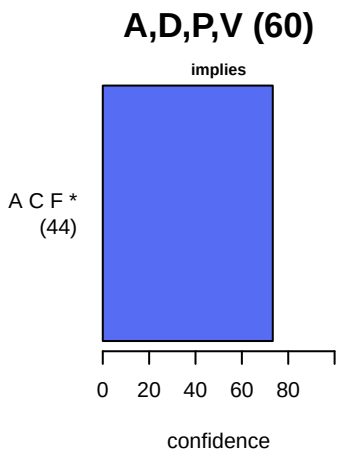

A,D,N,P,V (60)
implies
A C F *
(44)
0 20 40 60 80
confidence

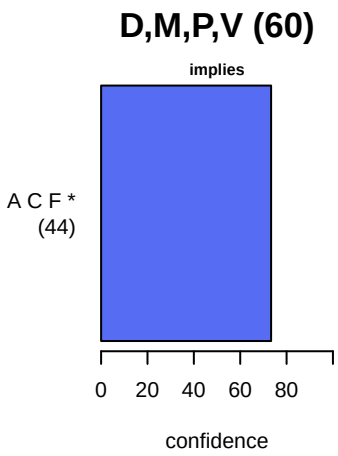

D,M,N,P,V (60)
implies
A C F *
(44)
0 20 40 60 80
confidence

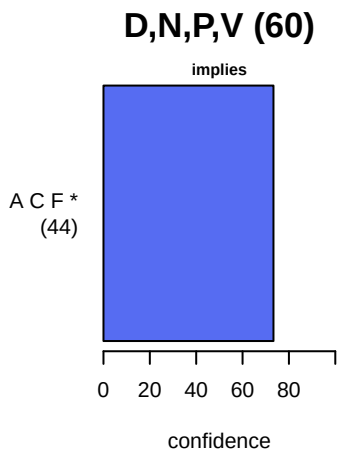

A,D,O,P,V (60)
implies
A C F *
(44)
0 20 40 60 80
confidence

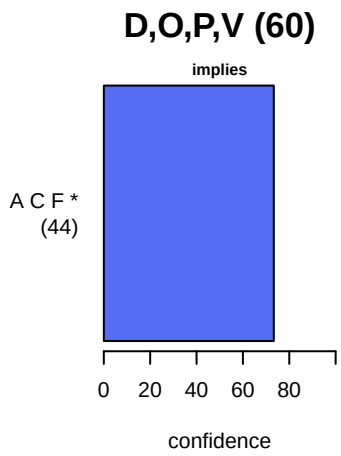

D,M,O,P,V (60)
implies
A C F *
(44)
0 20 40 60 80
confidence


D,N,O,P,V (60)
implies
A C F *
(44)
0 20 40 60 80
confidence

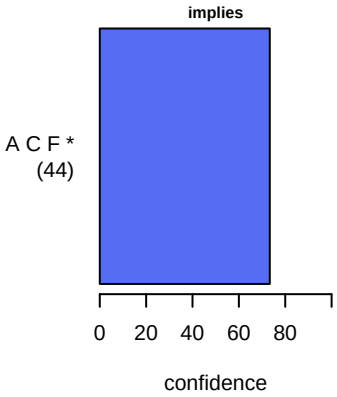

A,D,P,V (60)
implies
A C F *
(44)
0 20 40 60 80
confidence


D,M,P,V (60)
implies
A C F *
(44)
0 20 40 60 80
confidence

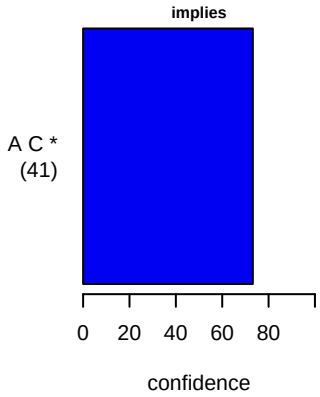

D,N,P,V (60)
implies
A C F *
(44)
0 20 40 60 80
confidence


D,O,P,V (60)
implies
A C F *
(44)
0 20 40 60 80
confidence

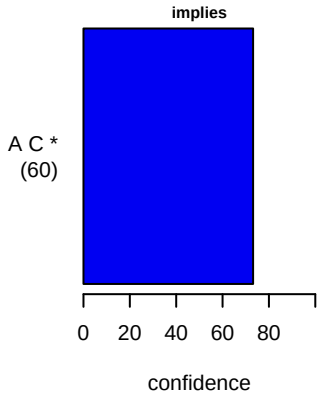
D,P,V (60)



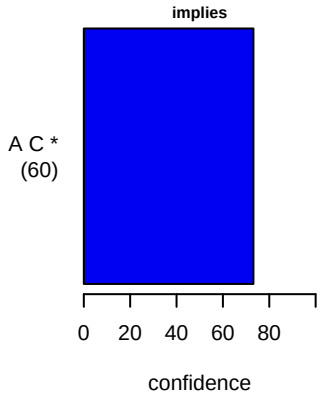
A,D,G,X1 (56)



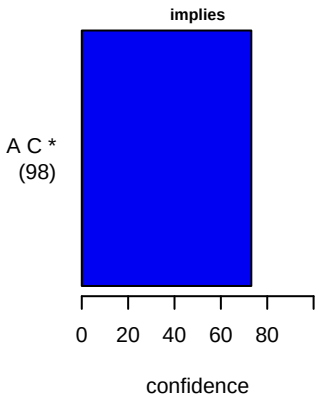
A,G,H,N,O (82)



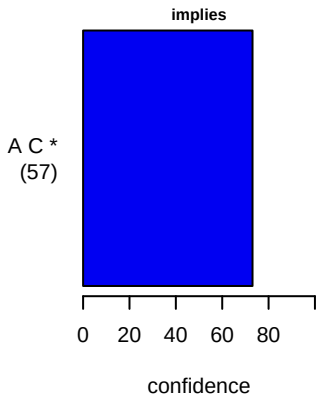
A,H,N,O (82)



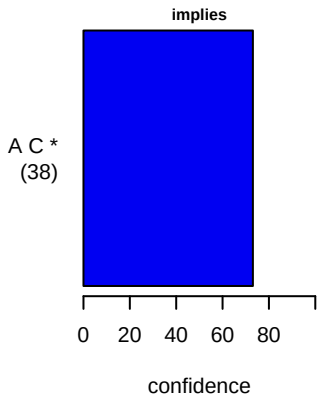
A,G,I,M,O (134)



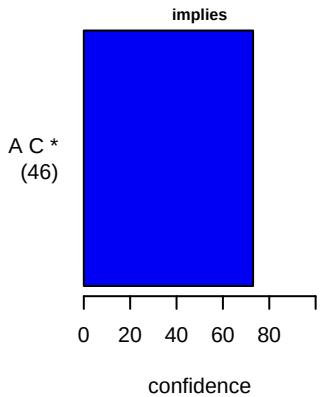
G,I,M,N,O (78)



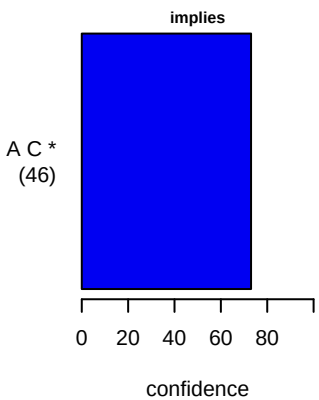
A,D,G,M,W1 (52)



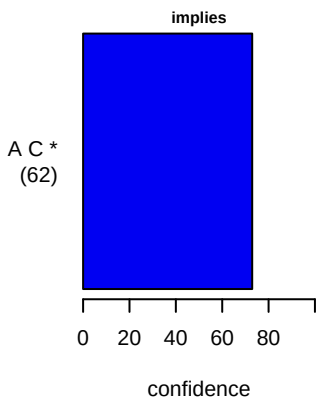
A,B,D,G,M,O (63)



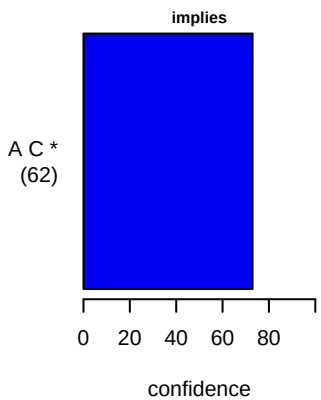
B,D,G,M,O (63)



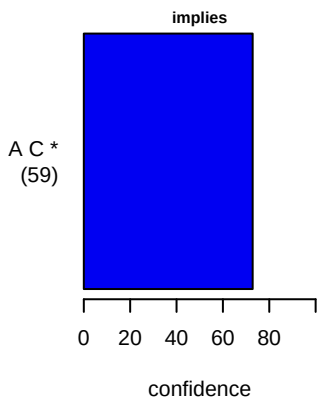
A,D,G,H,M,N (85)



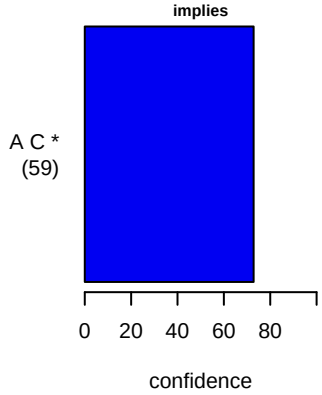
A,D,H,M,N (85)



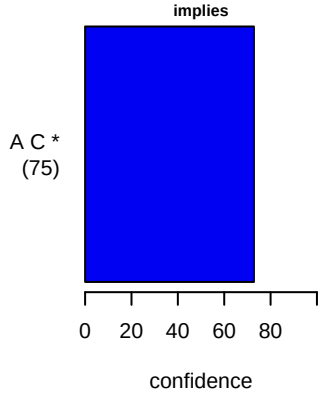
A,G,H,M,N,O (81)



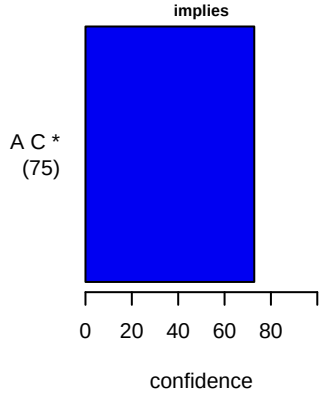
A,H,M,N,O (81)



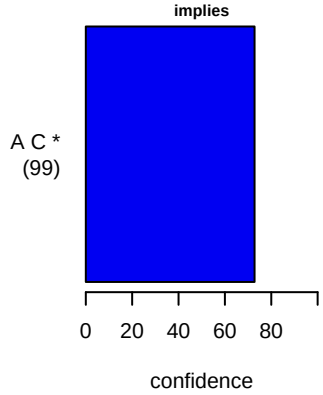
A,D,G,H,J,M,O (103)



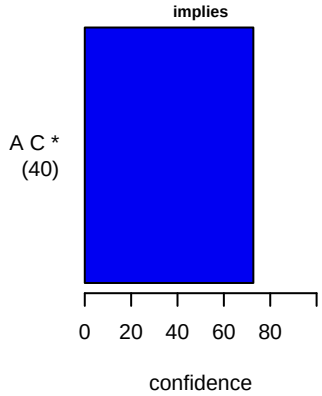
A,D,H,J,M,O (103)



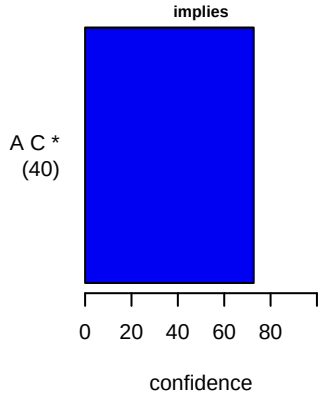
G,I,M,O (136)



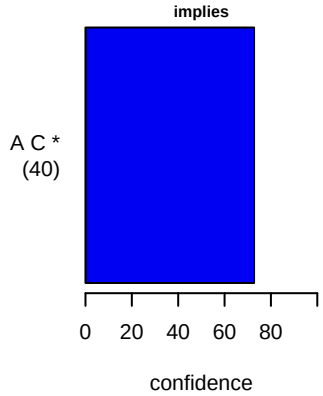
A,B,G,M,O,P (55)



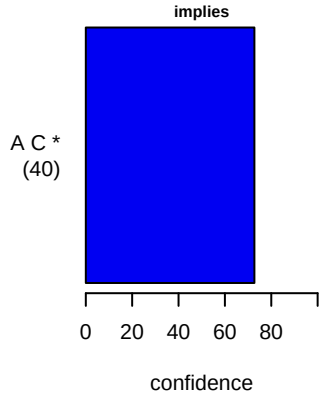
A,B,G,O,P (55)



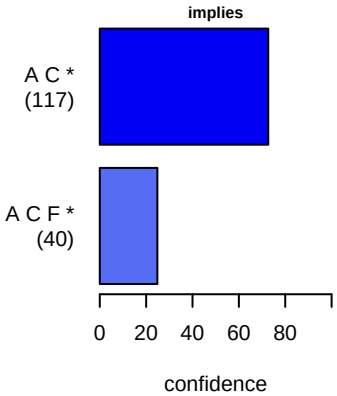
B,G,M,O,P (55)



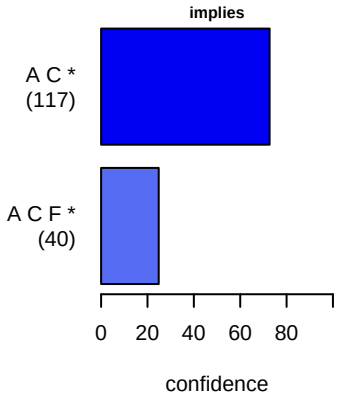
B,G,O,P (55)



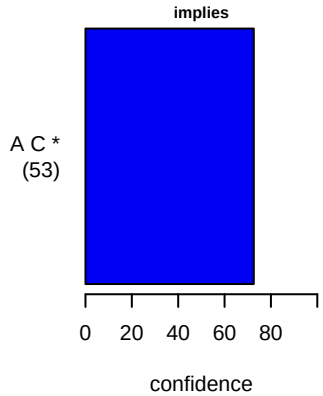
A,D,G,H,M (161)



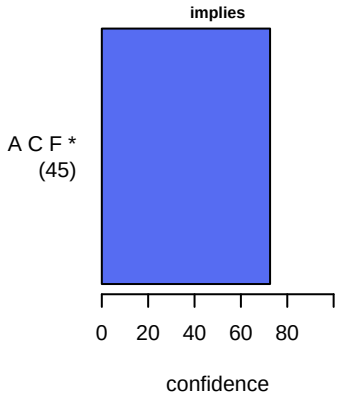
A,D,H,M (161)

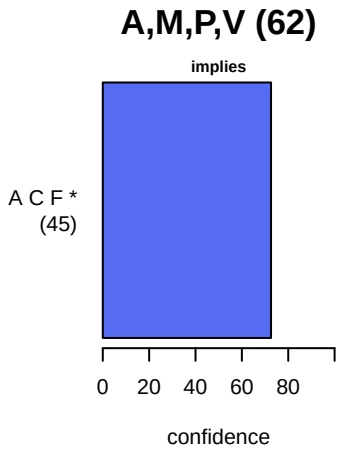


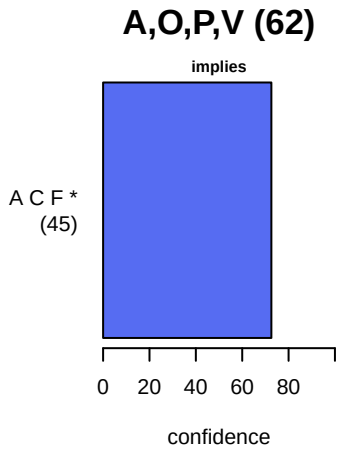
A,D,G,I,M,N,O (73)

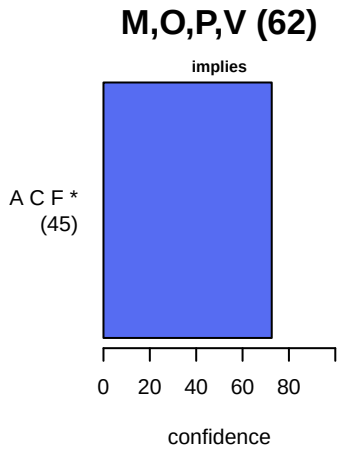


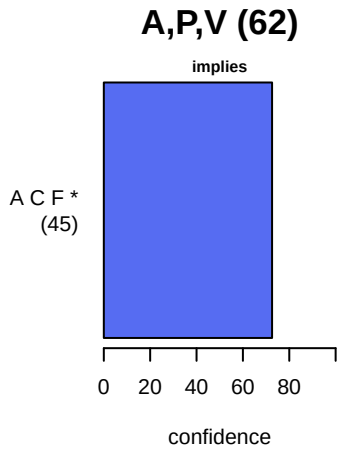
A,M,O,P,V (62)

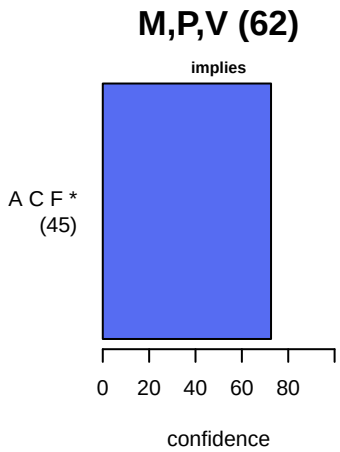


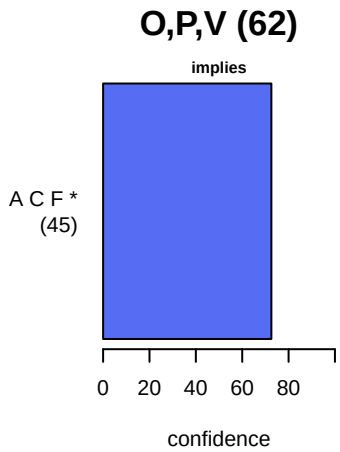

A,M,P,V (62)
implies
A C F *
(45)
0 20 40 60 80
confidence

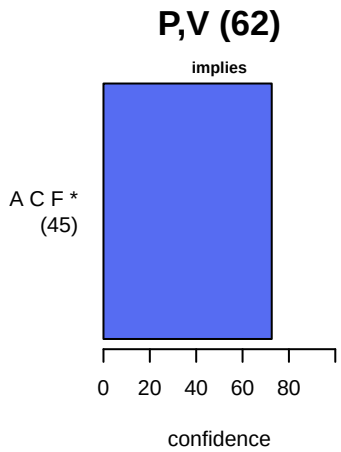

A,O,P,V (62)
implies
A C F *
(45)
0 20 40 60 80
confidence

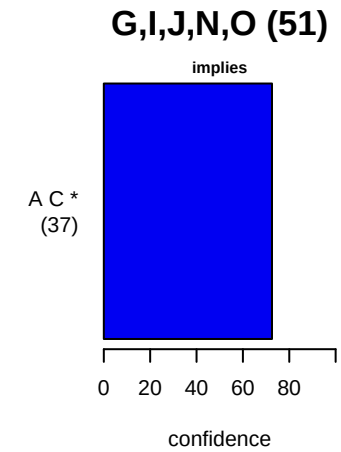

M,O,P,V (62)
implies
A C F *
(45)
0 20 40 60 80
confidence

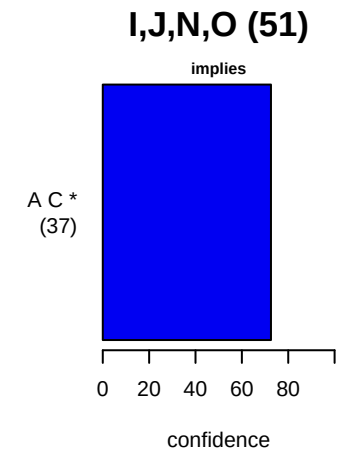

A,P,V (62)
implies
A C F *
(45)
0 20 40 60 80
confidence

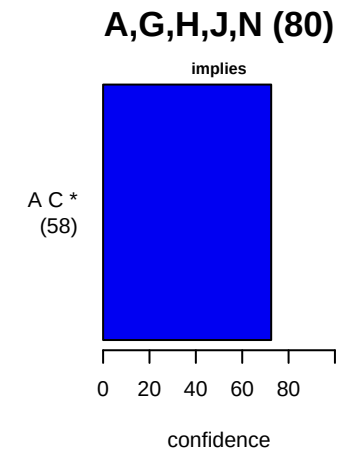

M,P,V (62)
implies
A C F *
(45)
0 20 40 60 80
confidence

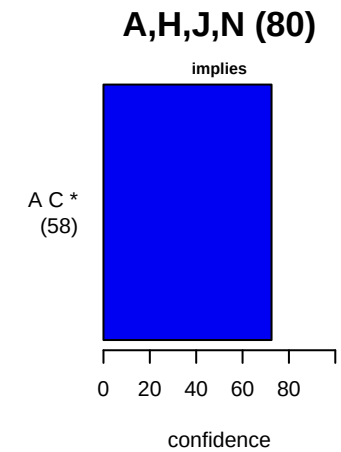

O,P,V (62)
implies
A C F *
(45)
0 20 40 60 80
confidence

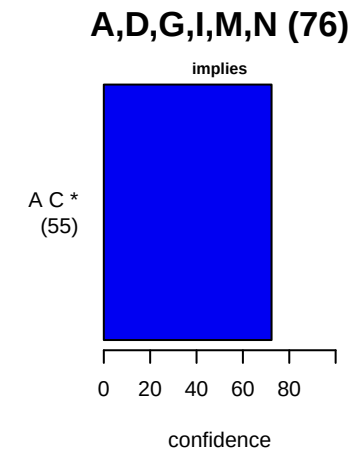

P,V (62)
implies
A C F *
(45)
0 20 40 60 80
confidence


G,I,J,N,O (51)
implies
A C *
(37)
0 20 40 60 80
confidence

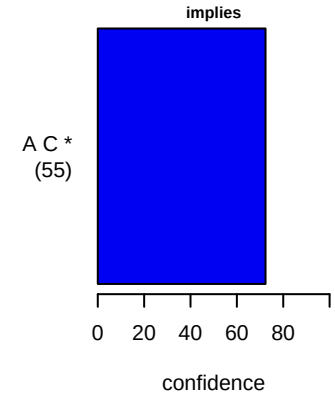

I,J,N,O (51)
implies
A C *
(37)
0 20 40 60 80
confidence


A,G,H,J,N (80)
implies
A C *
(58)
0 20 40 60 80
confidence

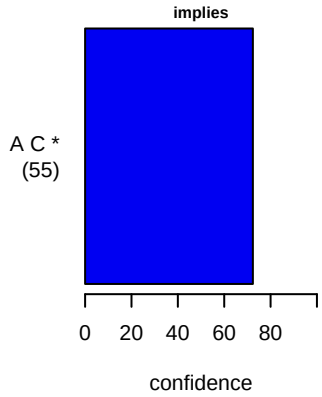

A,H,J,N (80)
implies
A C *
(58)
0 20 40 60 80
confidence


A,D,G,I,M,N (76)
implies
A C *
(55)
0 20 40 60 80
confidence

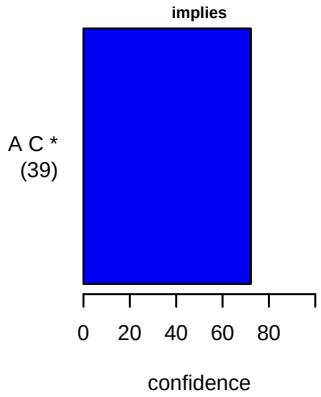
A,G,H,J,N,O (76)



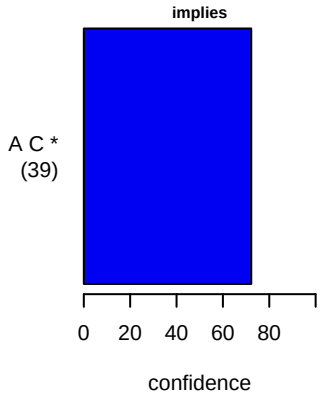
A,H,J,N,O (76)



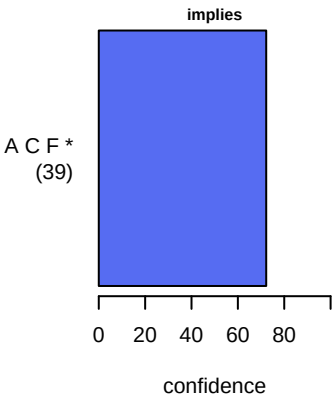
A,G,J,W1 (54)



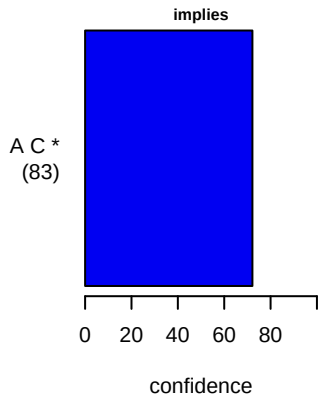
A,J,W1 (54)



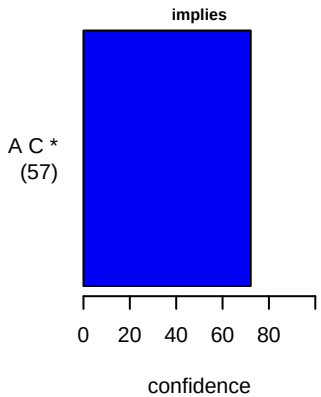
D,I,A1 (54)



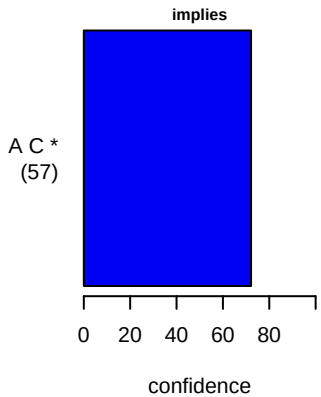
D,G,I,O (115)



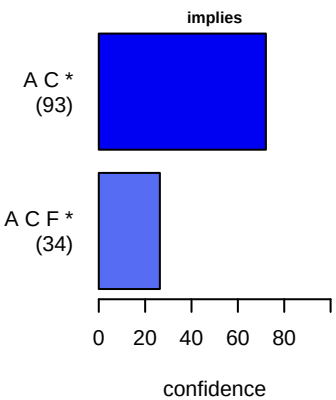
A,D,G,H,N,O (79)



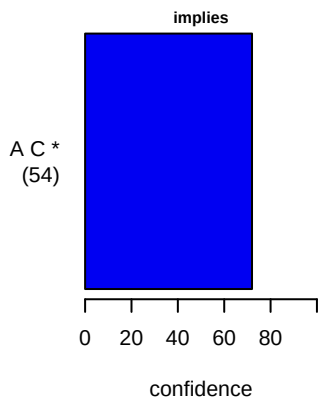
A,D,H,N,O (79)



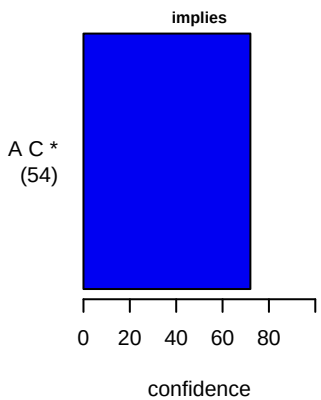
A,D,G,I,M (129)



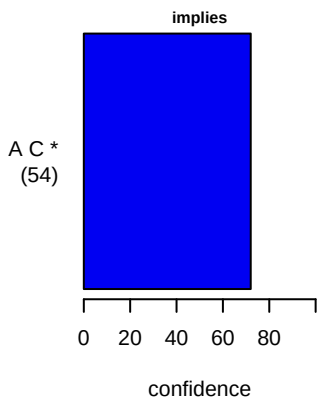
A,G,H,J,M,N,O (75)



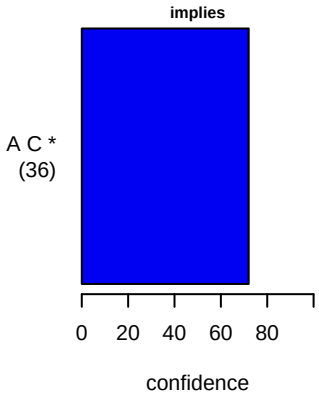
D,G,I,M,N,O (75)



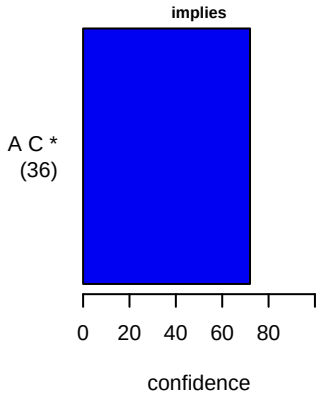
A,H,J,M,N,O (75)



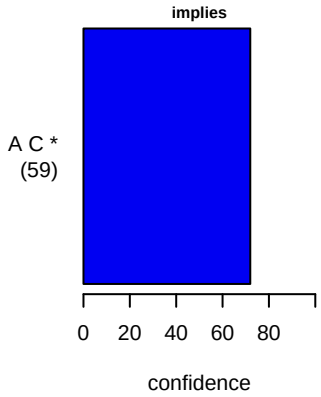
A,B,D,I,O (50)



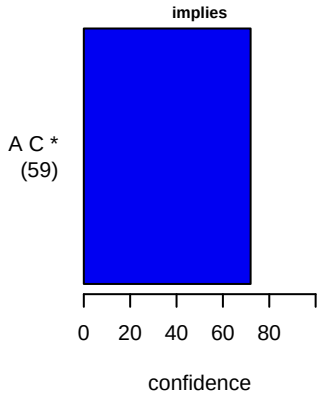
B,D,I,O (50)



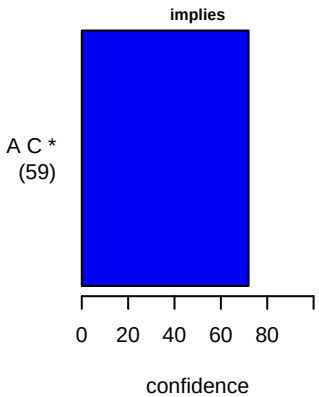
G,I,M,N (82)



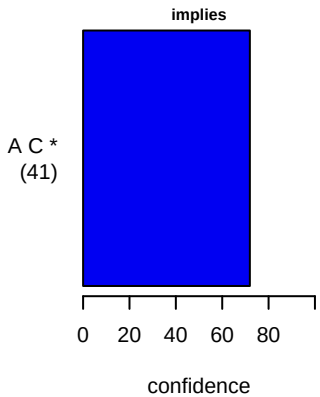
A,B,D,G (82)



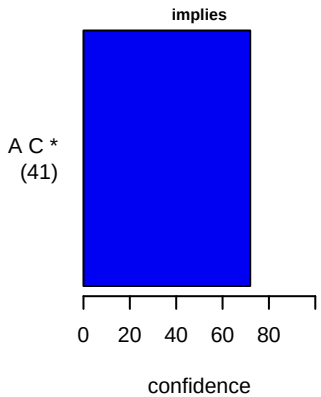
B,D,G (82)



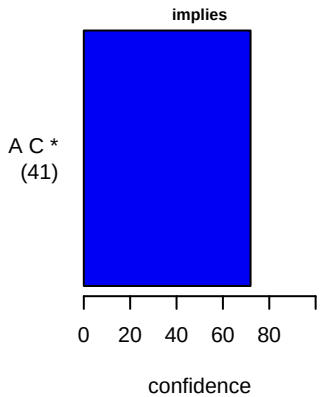
A,B,G,M,P (57)



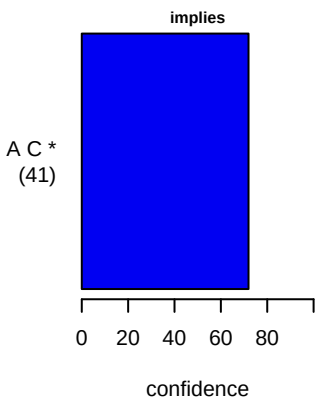
A,B,G,P (57)



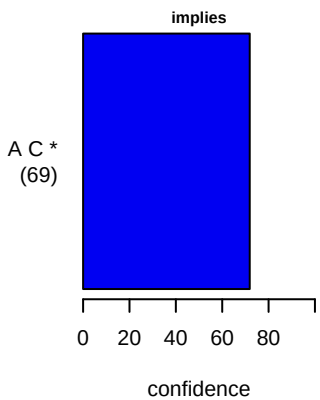
B,G,M,P (57)



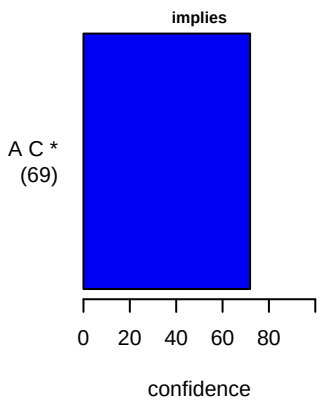
B,G,P (57)



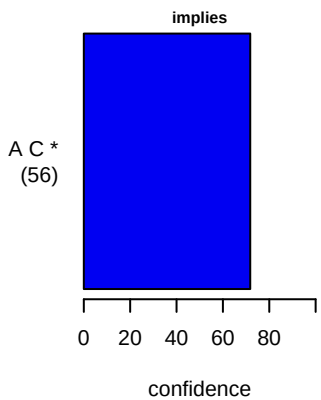
A,D,G,H,I (96)



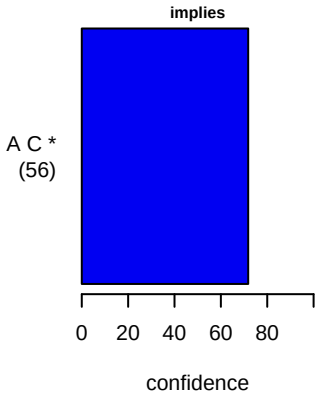
A,D,H,I (96)



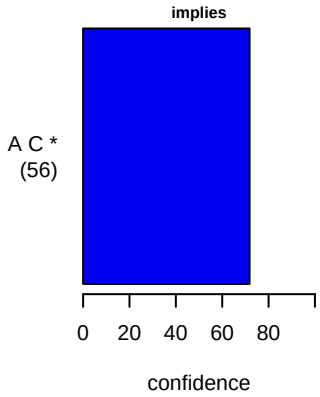
A,D,G,H,M,N,O (78)



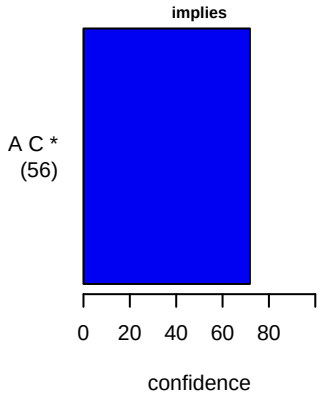
A,D,H,M,N,O (78)



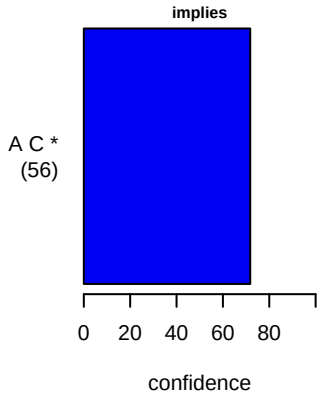
A,D,G,H,J,N (78)



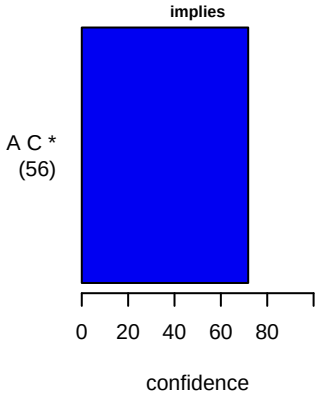
A,G,H,J,M,N (78)



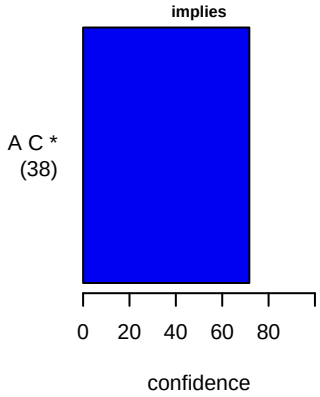
A,D,H,J,N (78)



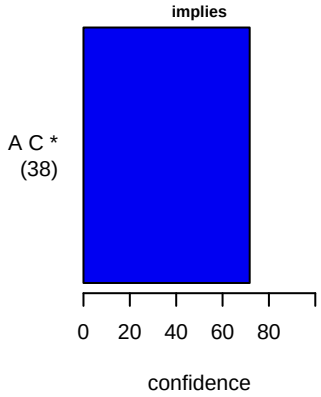
A,H,J,M,N (78)



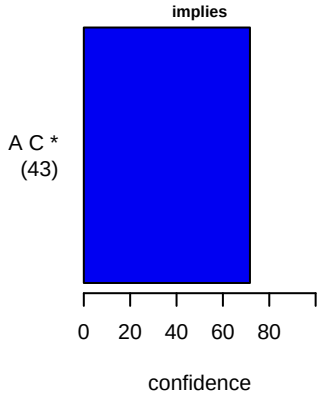
G,I,J,N (53)



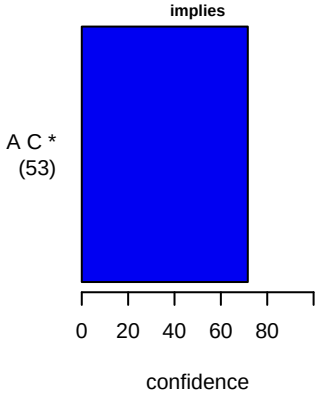
I,J,N (53)



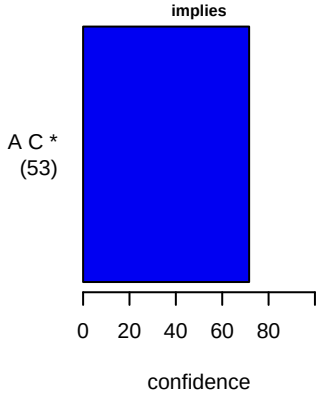
A,G,O,W1 (60)



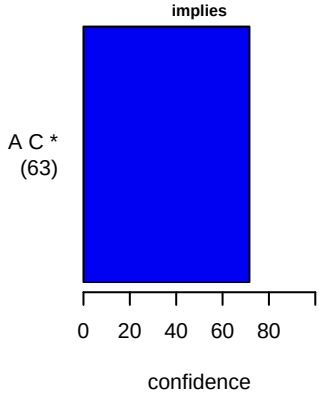
A,D,G,H,J,N,O (74)



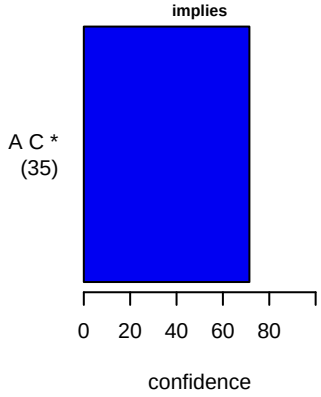
A,D,H,J,N,O (74)



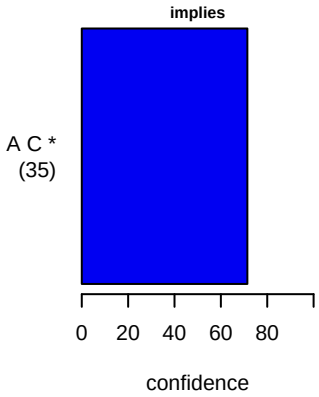
G,I,N,O (88)



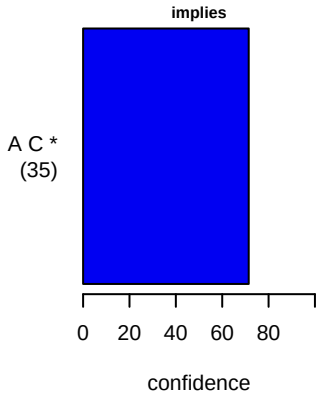
A,G,H,J,M,O,P (49)



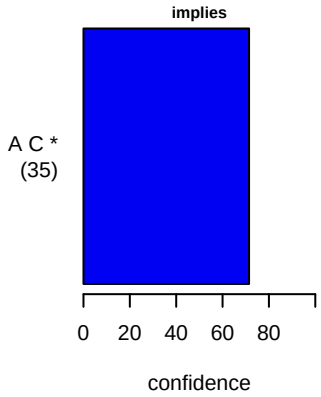
D,G,I,J,N,O (49)



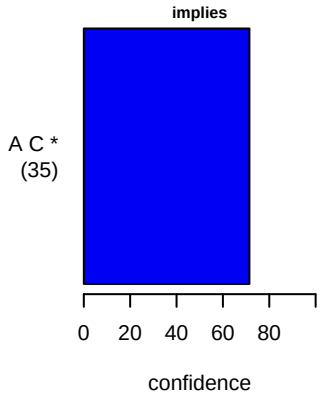
A,B,D,I,M,O (49)



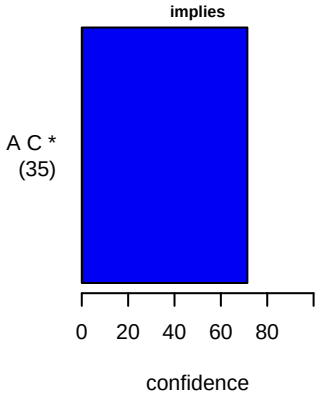
A,G,H,J,M,P (49)



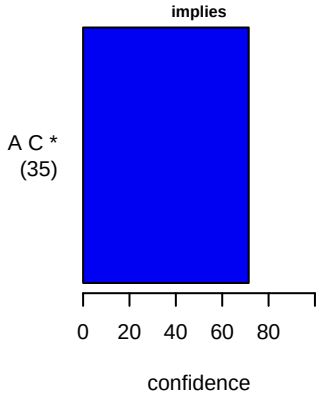
A,G,H,J,O,P (49)



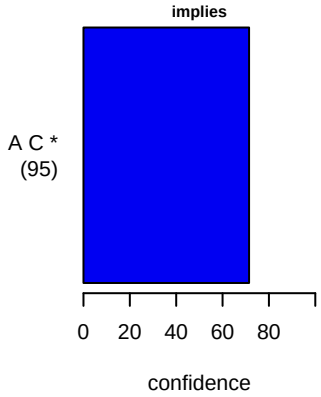
A,H,J,M,O,P (49)



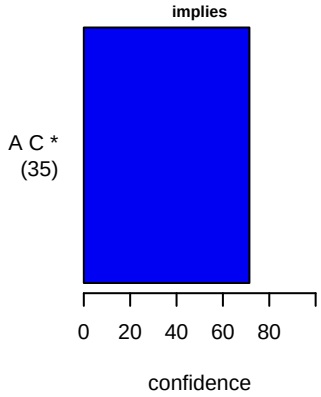
G,H,J,M,O,P (49)



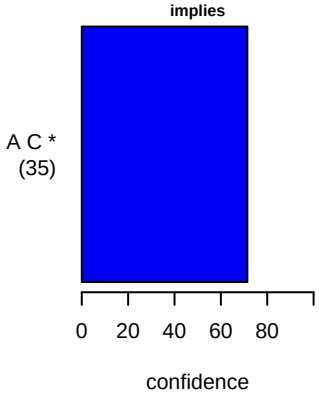
A,D,G,H,J (133)



D,I,J,N,O (49)



B,D,I,M,O (49)



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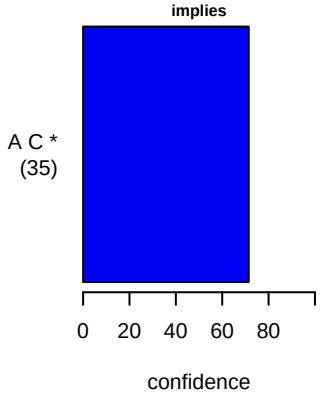
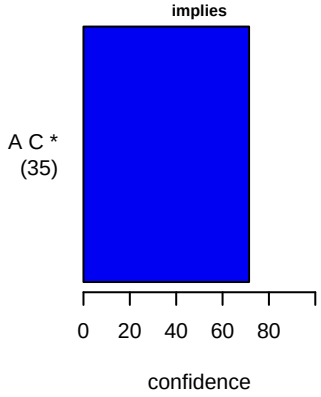
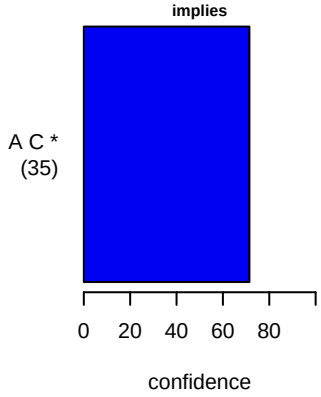


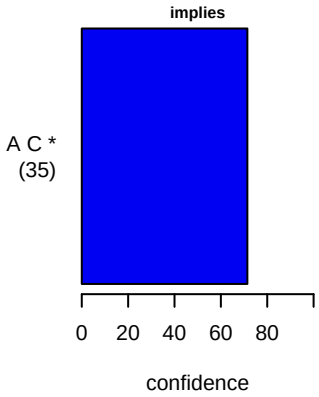
A,H,J,M,P (49)



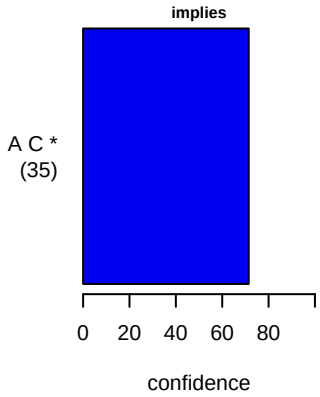
G,H,J,M,P (49)



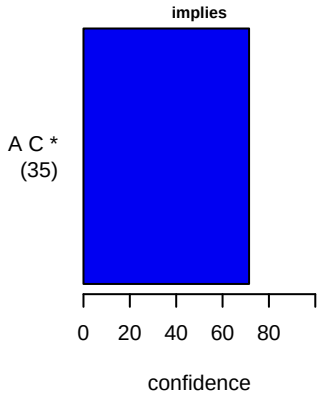
A,H,J,O,P (49)



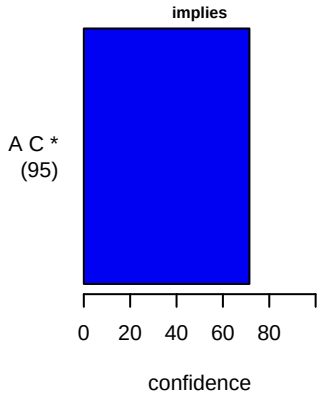
G,H,J,O,P (49)



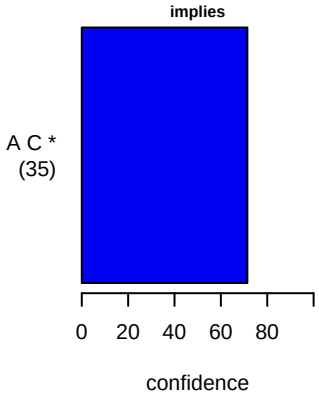
H,J,M,O,P (49)



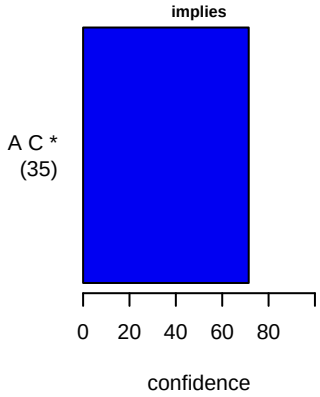
A,D,H,J (133)



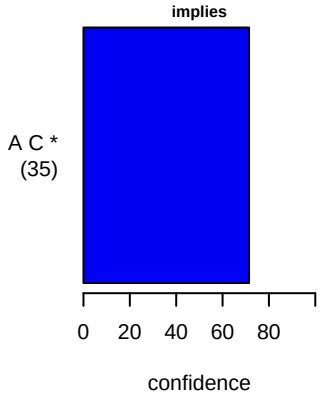
A,H,J,P (49)



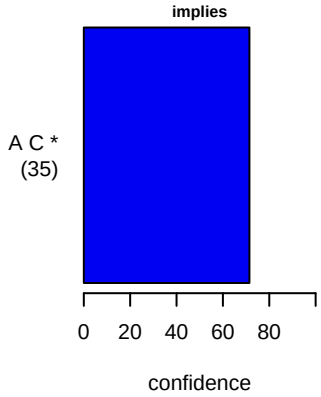
G,H,J,P (49)



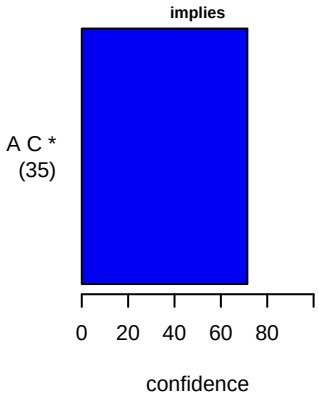
H,J,M,P (49)



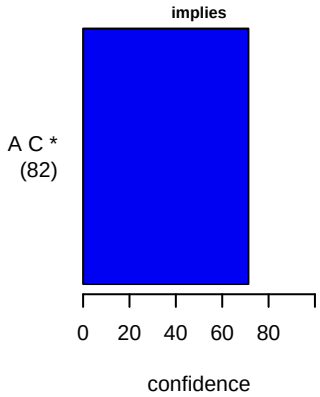
H,J,O,P (49)



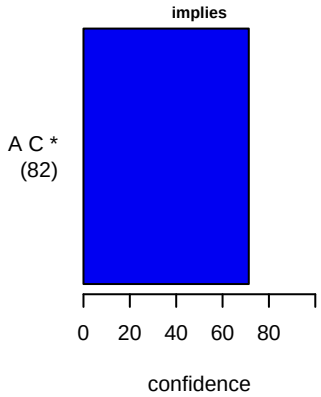
H,J,P (49)



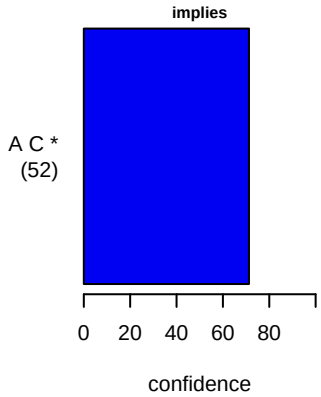
A,D,G,H,J,M (115)



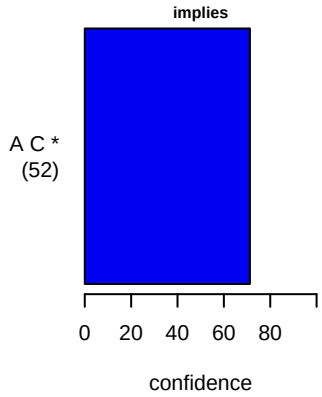
A,D,H,J,M (115)



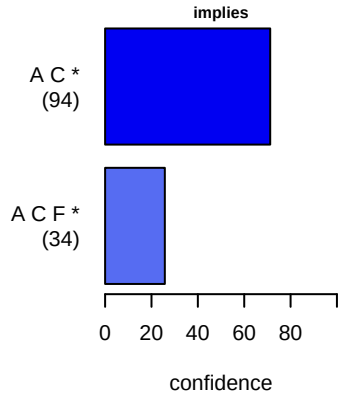
A,D,G,H,J,M,N,O (73)



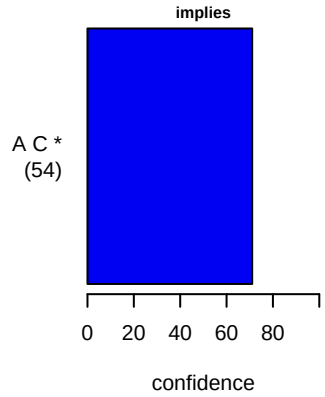
A,D,H,J,M,N,O (73)



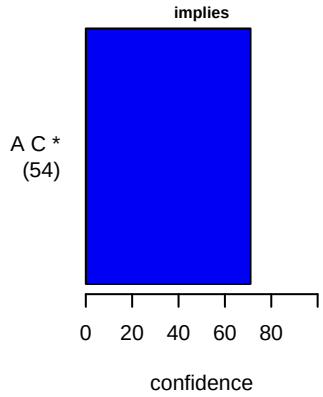
D,G,I,M (132)



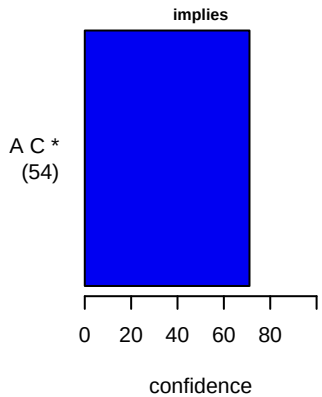
A,D,G,H,J,M,N (76)



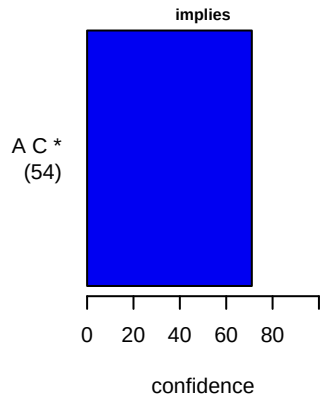
A,D,H,J,M,N (76)



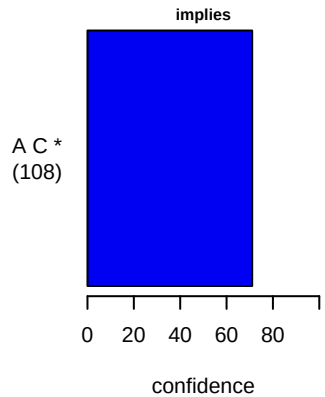
A,B,D,G,M (76)



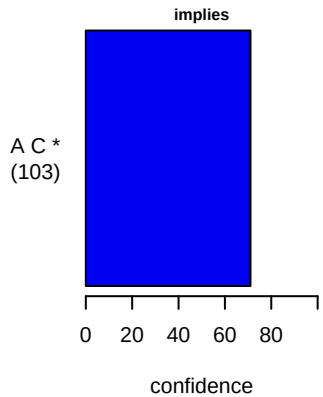
B,D,G,M (76)



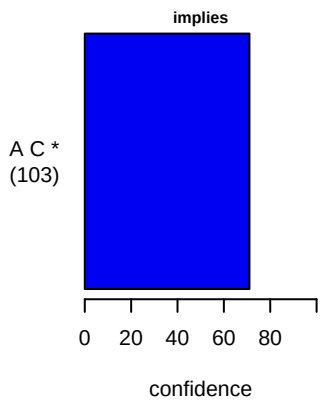
G,I,O (152)



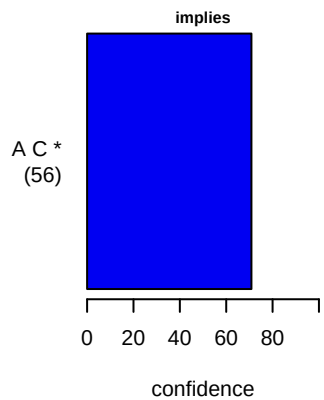
A,G,H,J,M (145)



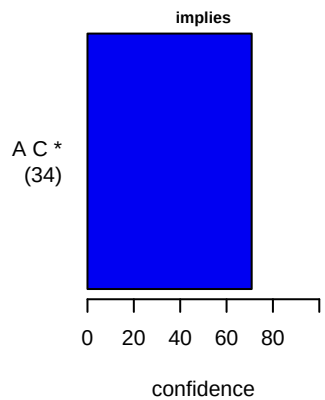
A,H,J,M (145)



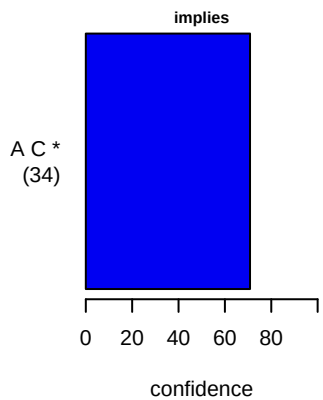
D,G,I,M,N (79)



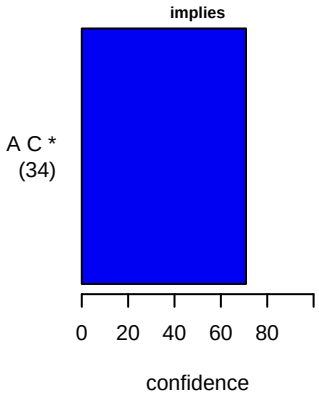
A,D,G,I,M,O,P (48)



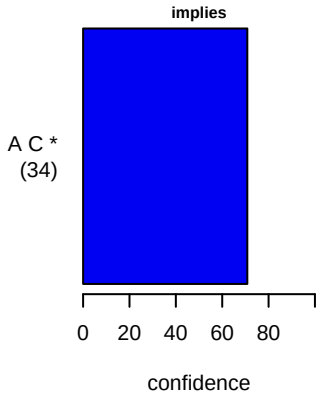
A,D,G,I,M,P (48)



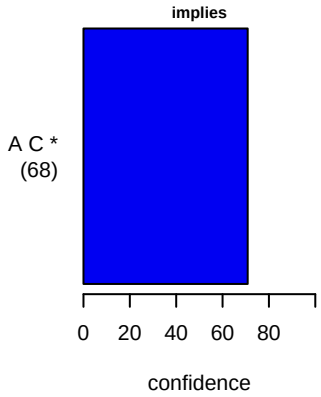
A,D,G,I,O,P (48)



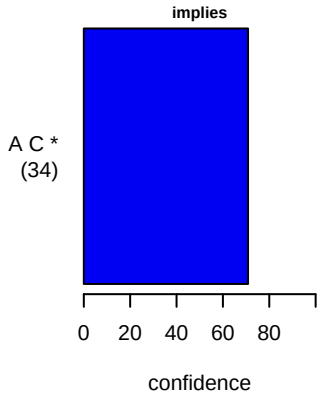
D,G,I,M,O,P (48)



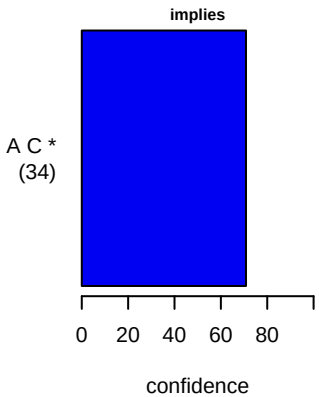
A,G,H,I,J (96)



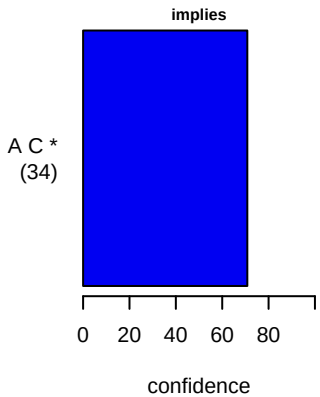
A,D,G,I,P (48)



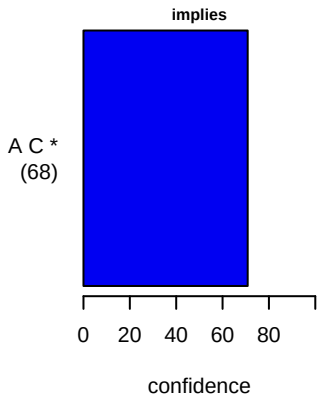
D,G,I,M,P (48)



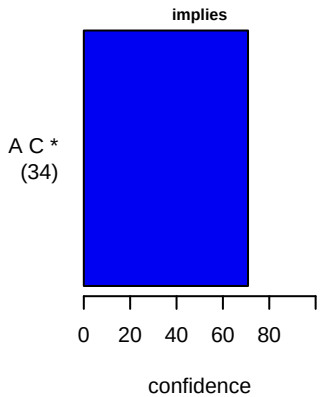
D,G,I,O,P (48)



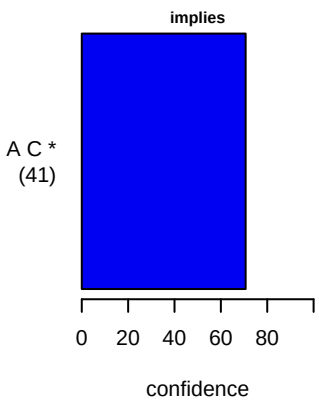
A,H,I,J (96)



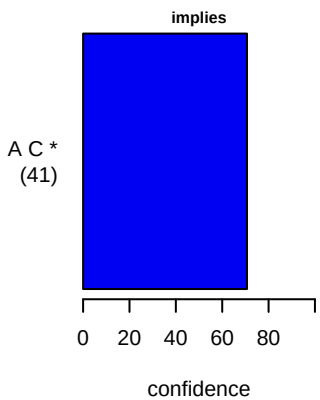
D,G,I,P (48)



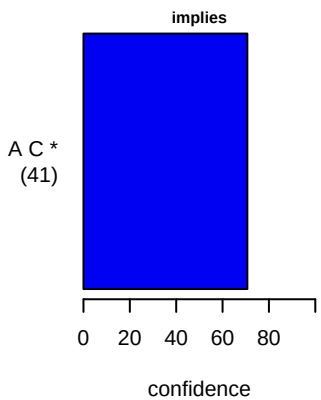
A,G,H,M,W1 (58)



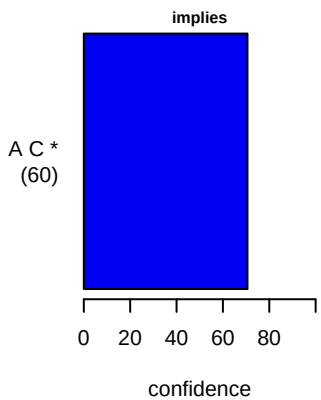
A,G,M,O,W1 (58)



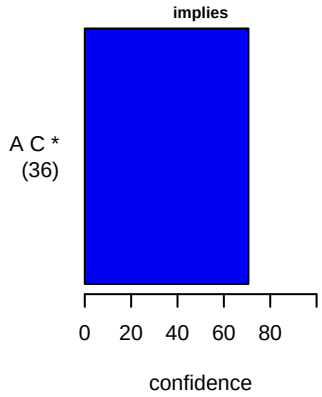
A,H,M,W1 (58)



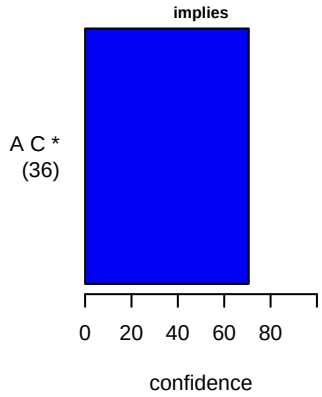
D,G,I,N,O (85)



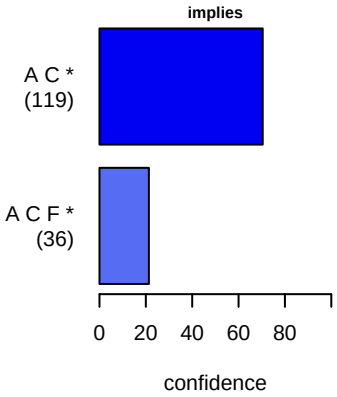
D,G,I,J,N (51)



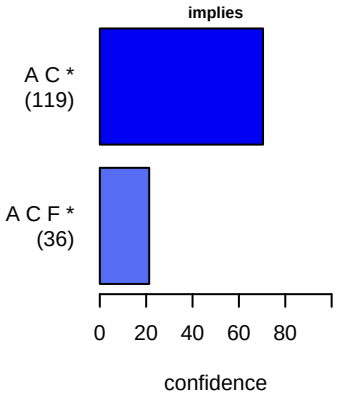
D,I,J,N (51)



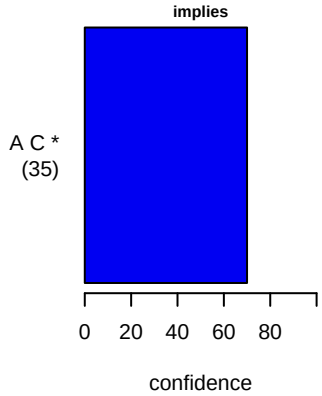
G,H,M,O (169)



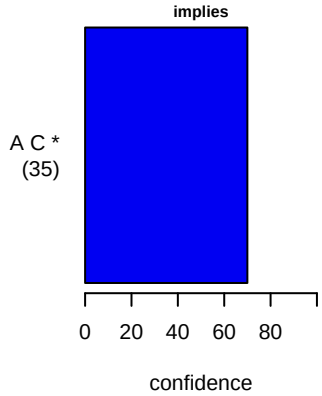
H,M,O (169)



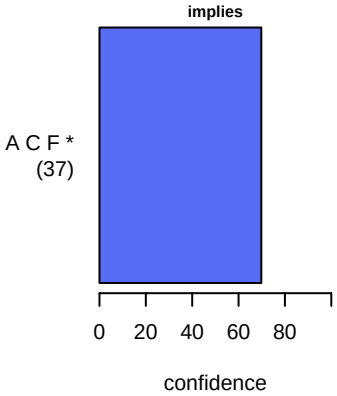
A,G,H,I,M,X1 (50)



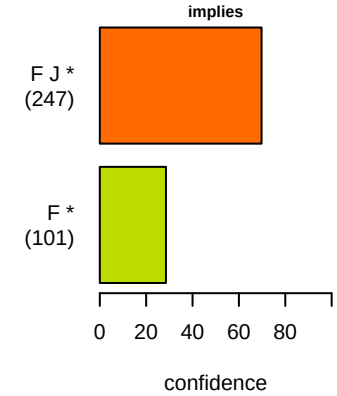
G,H,I,M,X1 (50)



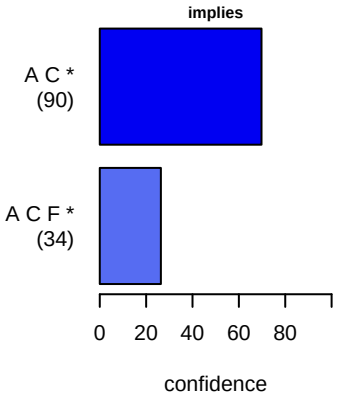
D,G,N,V,A1 (53)



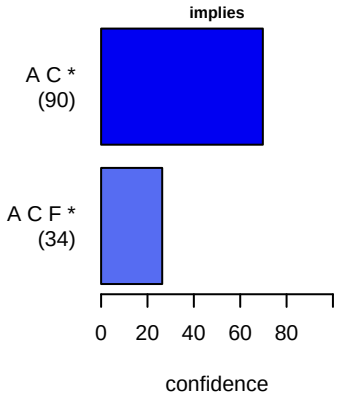
A1,Q1,R1 (354)



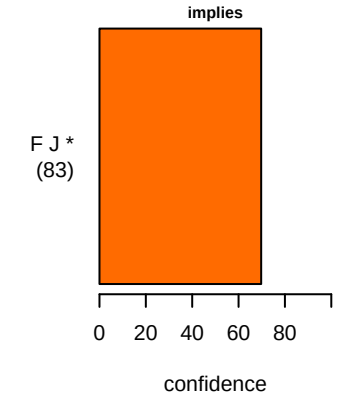
D,G,H,M,O (129)



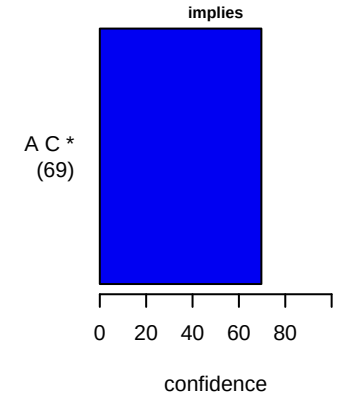
D,H,M,O (129)

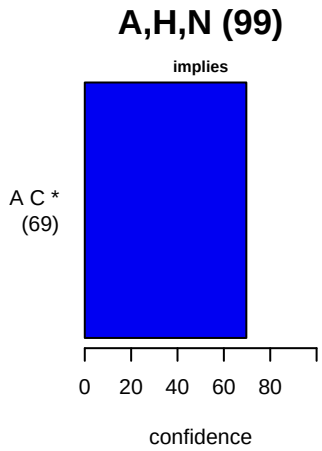


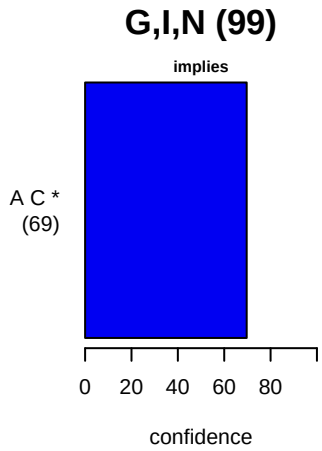
A1,M1,Q1 (119)

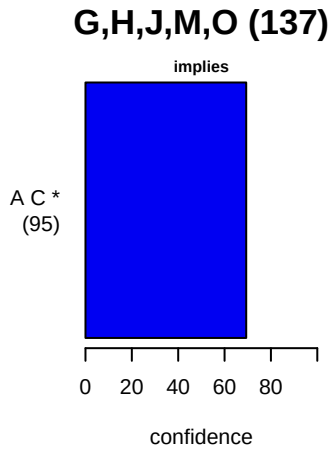


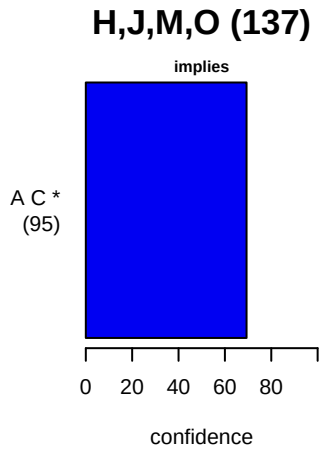
A,G,H,N (99)

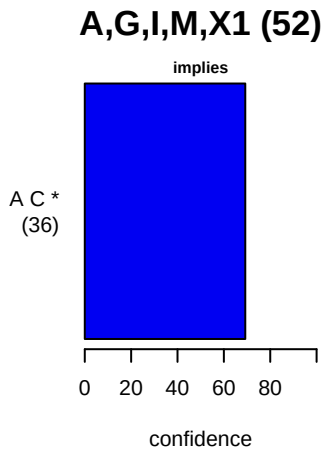


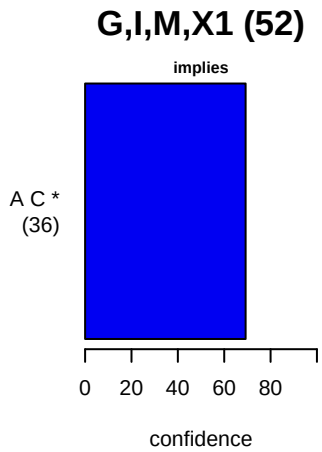

A,H,N (99)
implies
A C *
(69)
0 20 40 60 80
confidence

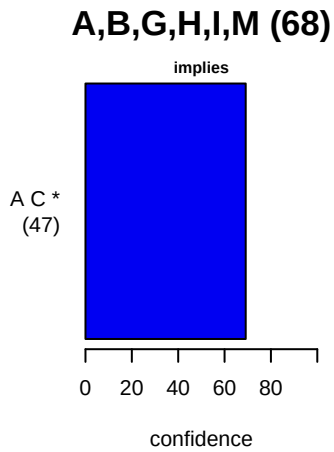

G,I,N (99)
implies
A C *
(69)
0 20 40 60 80
confidence

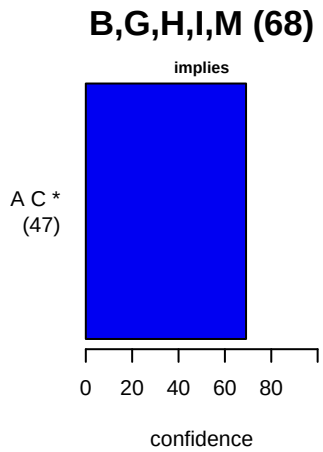

G,H,J,M,O (137)
implies
A C *
(95)
0 20 40 60 80
confidence

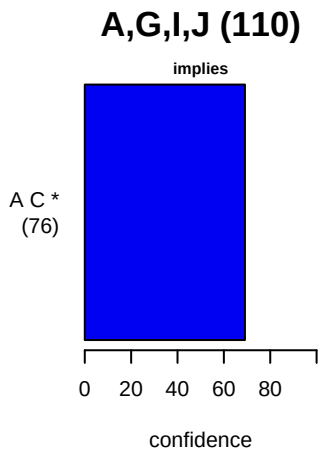

H,J,M,O (137)
implies
A C *
(95)
0 20 40 60 80
confidence

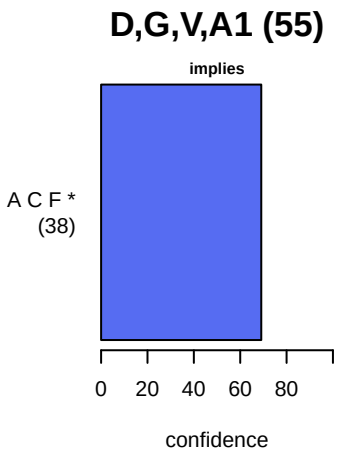

A,G,I,M,X1 (52)
implies
A C *
(36)
0 20 40 60 80
confidence

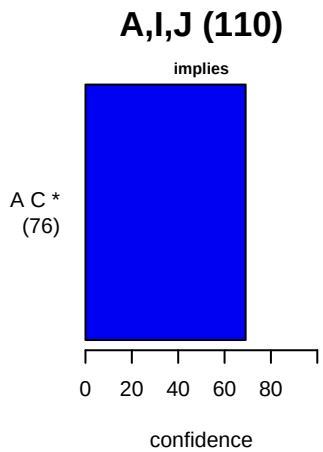

G,I,M,X1 (52)
implies
A C *
(36)
0 20 40 60 80
confidence

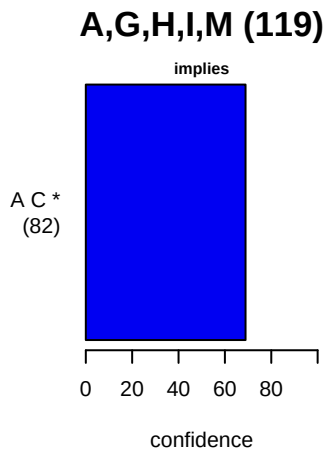

A,B,G,H,I,M (68)
implies
A C *
(47)
0 20 40 60 80
confidence


B,G,H,I,M (68)
implies
A C *
(47)
0 20 40 60 80
confidence

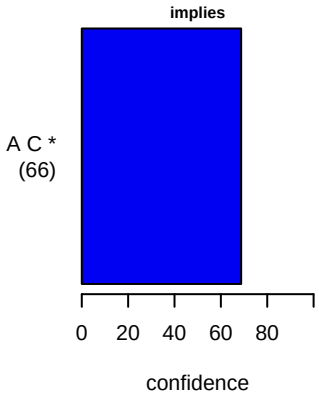

A,G,I,J (110)
implies
A C *
(76)
0 20 40 60 80
confidence


D,G,V,A1 (55)
implies
A C F *
(38)
0 20 40 60 80
confidence

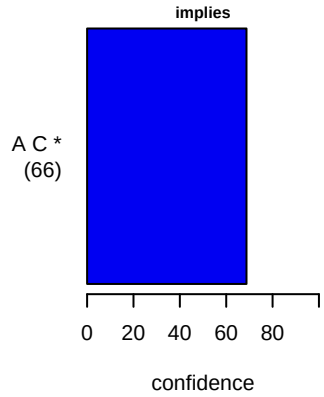

A,I,J (110)
implies
A C *
(76)
0 20 40 60 80
confidence


A,G,H,I,M (119)
implies
A C *
(82)
0 20 40 60 80
confidence

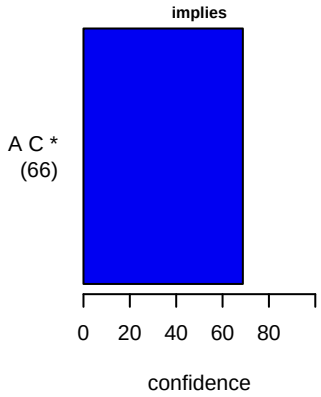
A,D,G,H,N (96)



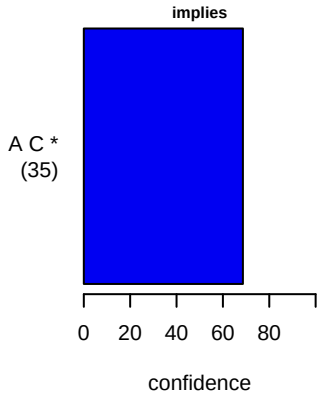
A,D,H,N (96)



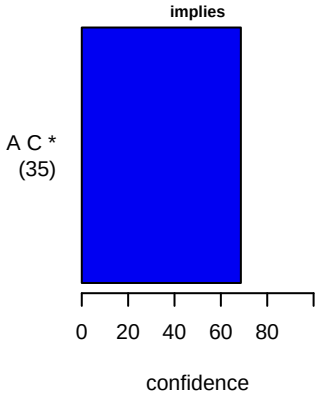
D,G,I,N (96)



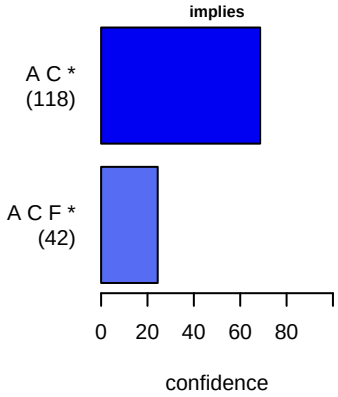
A,H,I,M,X1 (51)



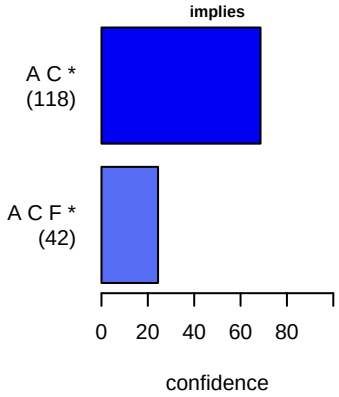
H,I,M,X1 (51)



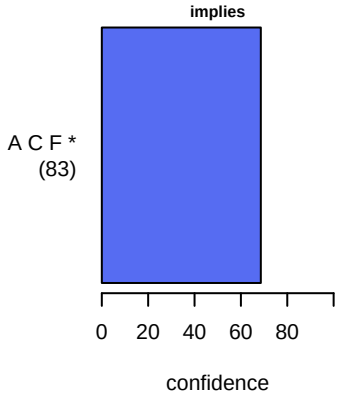
D,G,H,M (172)



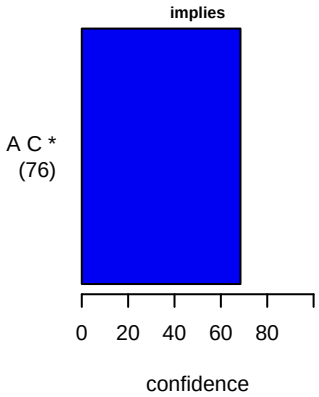
D,H,M (172)



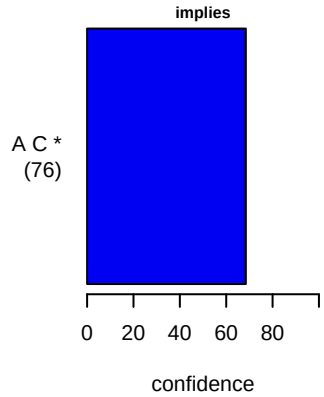
A,G,A1 (121)



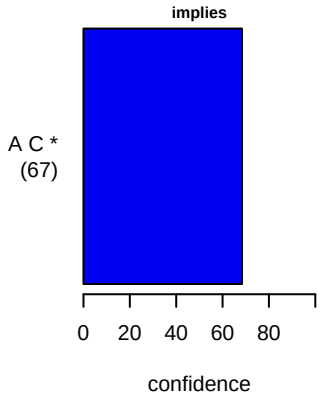
D,G,H,J,M,O (111)



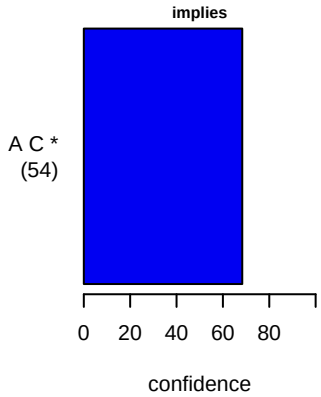
D,H,J,M,O (111)

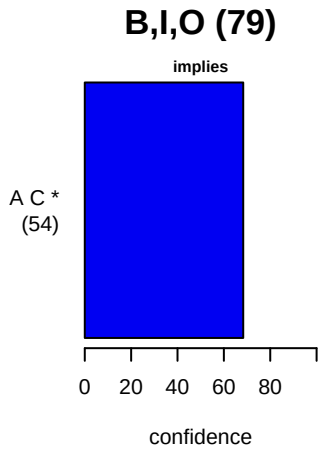


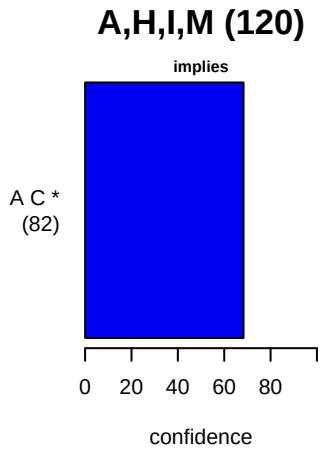
A,I,N,O (98)

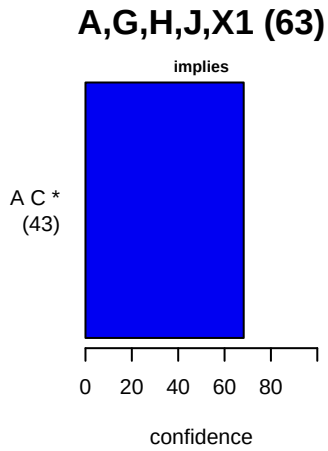


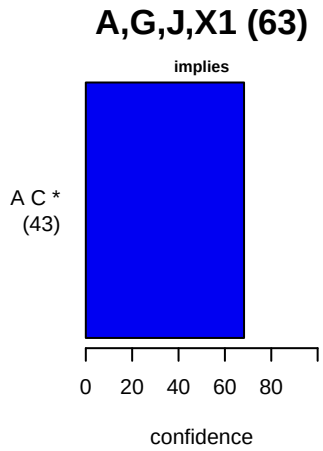
A,B,I,O (79)

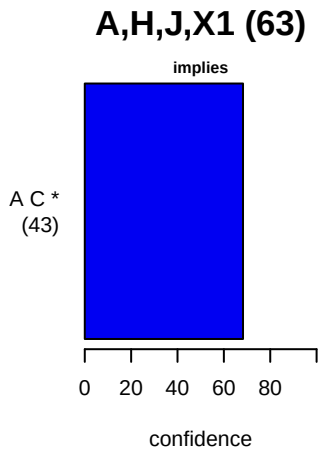


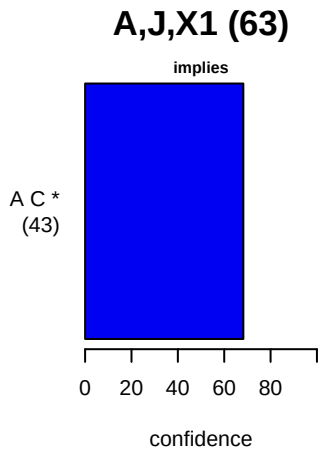

B,I,O (79)
implies
A C *
(54)
0 20 40 60 80
confidence

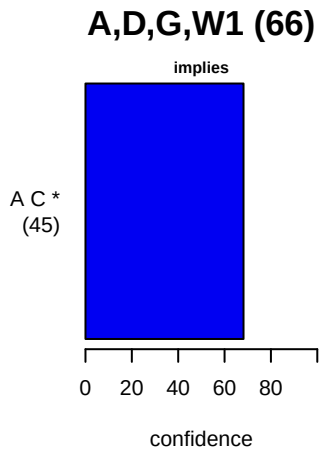

A,H,I,M (120)
implies
A C *
(82)
0 20 40 60 80
confidence

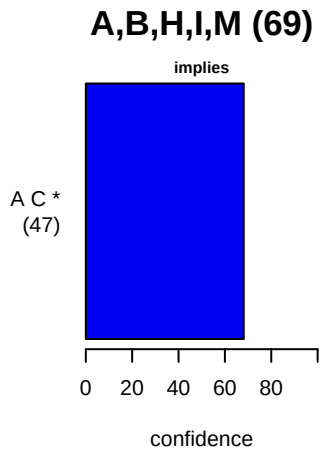

A,G,H,J,X1 (63)
implies
A C *
(43)
0 20 40 60 80
confidence

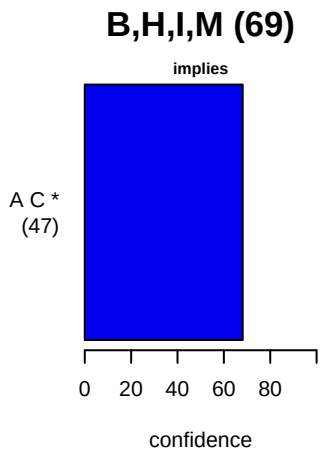

A,G,J,X1 (63)
implies
A C *
(43)
0 20 40 60 80
confidence

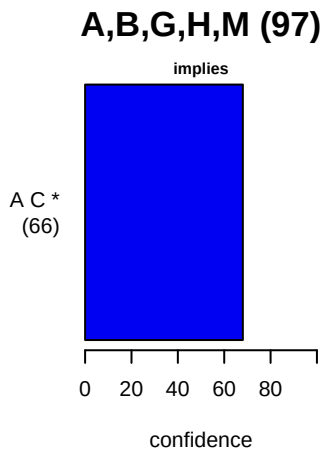

A,H,J,X1 (63)
implies
A C *
(43)
0 20 40 60 80
confidence

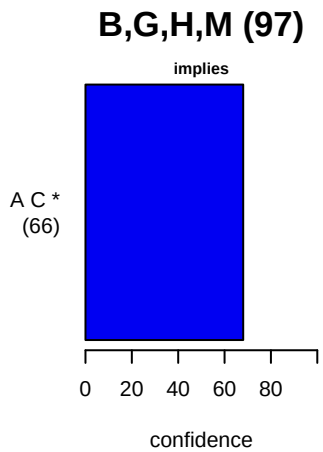

A,J,X1 (63)
implies
A C *
(43)
0 20 40 60 80
confidence

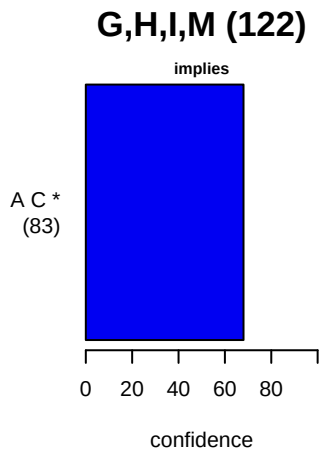

A,D,G,W1 (66)
implies
A C *
(45)
0 20 40 60 80
confidence


A,B,H,I,M (69)
implies
A C *
(47)
0 20 40 60 80
confidence

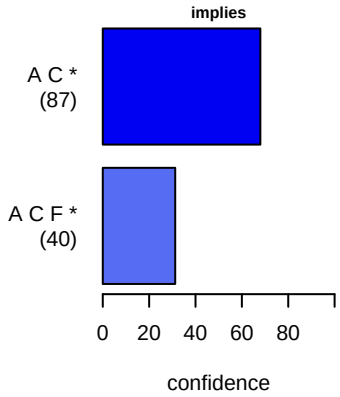

B,H,I,M (69)
implies
A C *
(47)
0 20 40 60 80
confidence


A,B,G,H,M (97)
implies
A C *
(66)
0 20 40 60 80
confidence

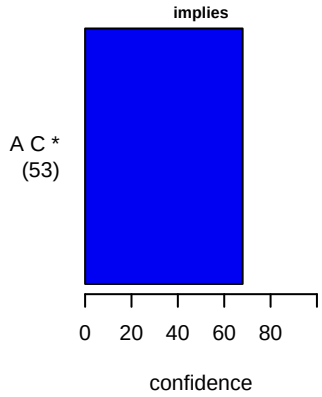

B,G,H,M (97)
implies
A C *
(66)
0 20 40 60 80
confidence


G,H,I,M (122)
implies
A C *
(83)
0 20 40 60 80
confidence

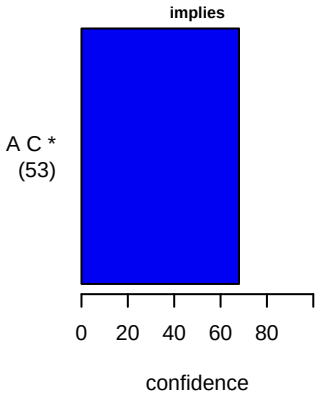
A,D,I,O (128)



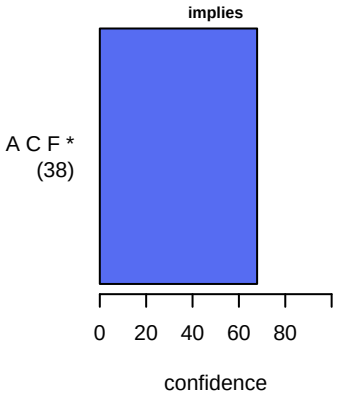
A,B,I,M,O (78)



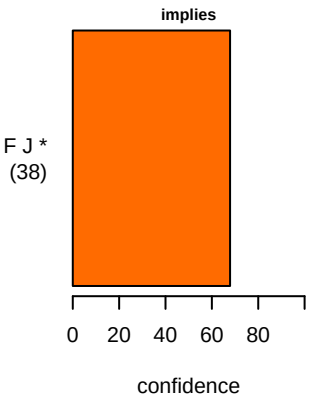
B,I,M,O (78)



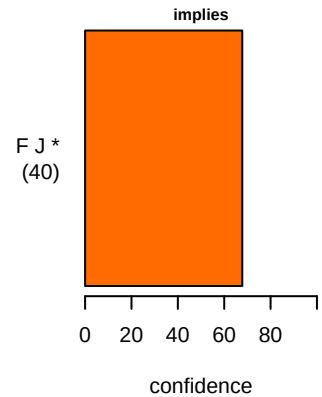
G,N,V,A1 (56)



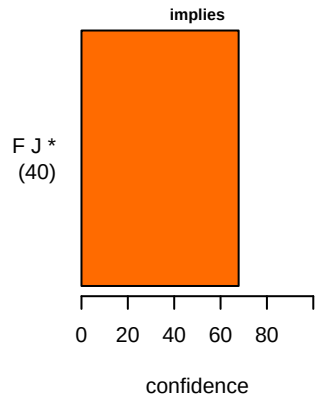
Z,A1,D1 (56)



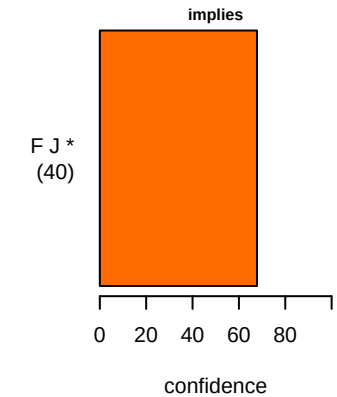
K1,L1,Q1,R1 (59)



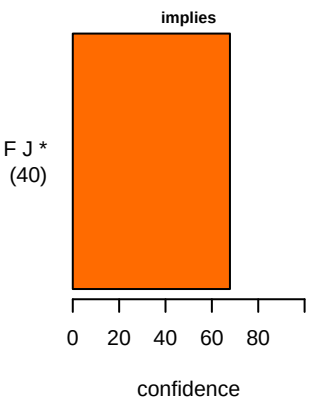
L1,Q1,R1 (59)



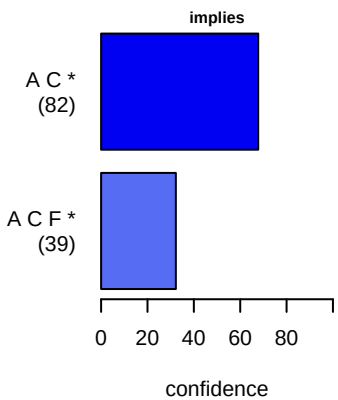
K1,L1,Q1 (59)



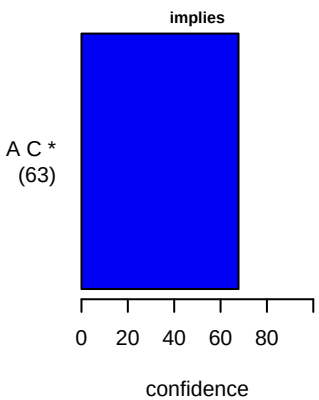
L1,Q1 (59)



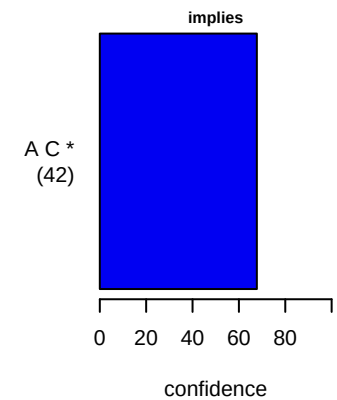
A,D,I,M,O (121)



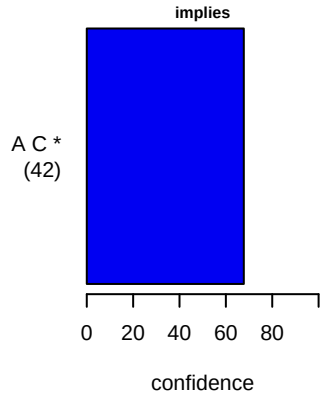
A,I,M,N,O (93)



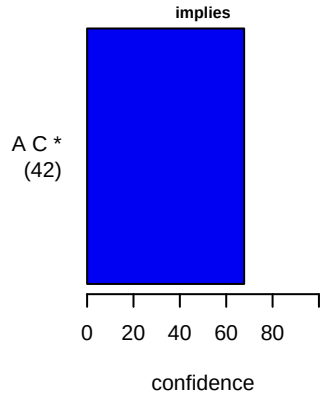
A,G,I,M,P (62)



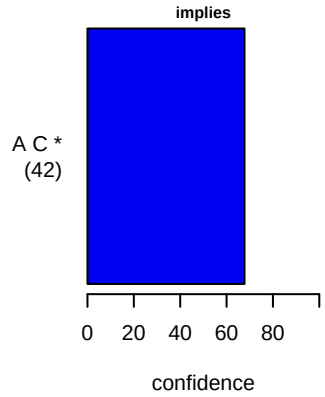
A,G,I,P (62)



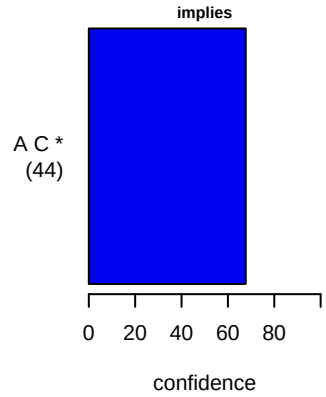
G,I,M,P (62)



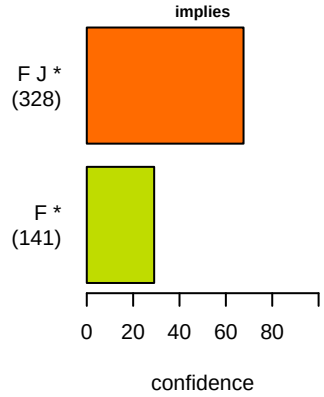
G,I,P (62)



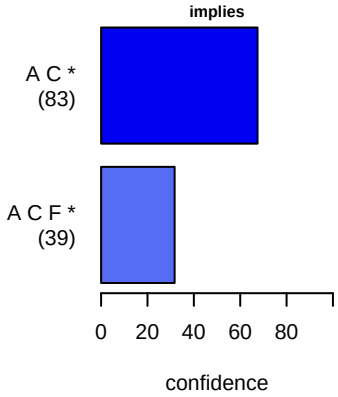
A,O,W1 (65)



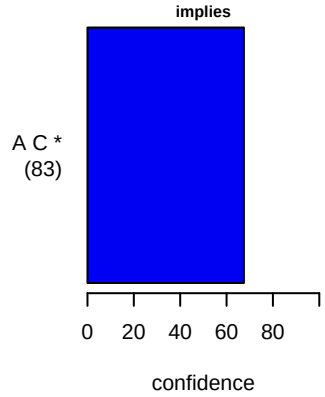
A1,R1 (485)



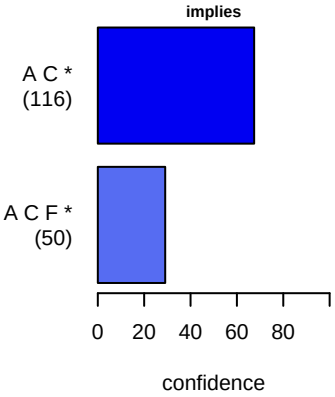
D,I,M,O (123)



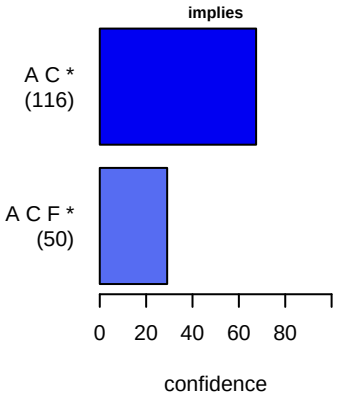
H,I,M (123)



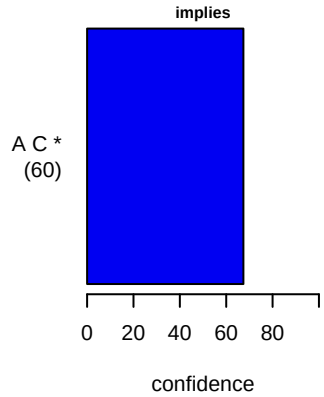
A,G,J,O (172)



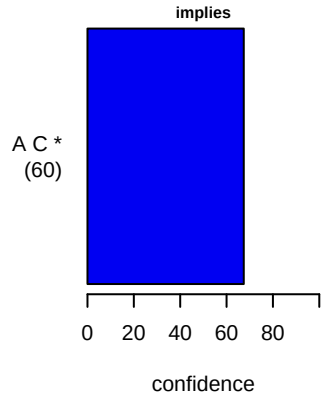
A,J,O (172)



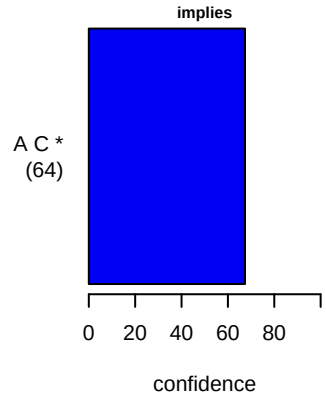
G,H,M,N,O (89)

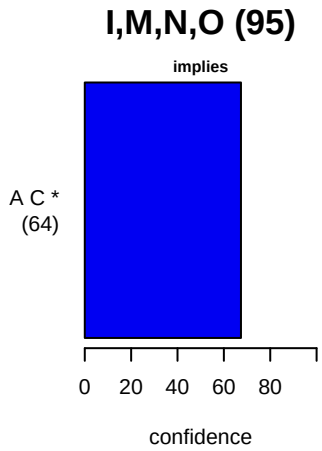


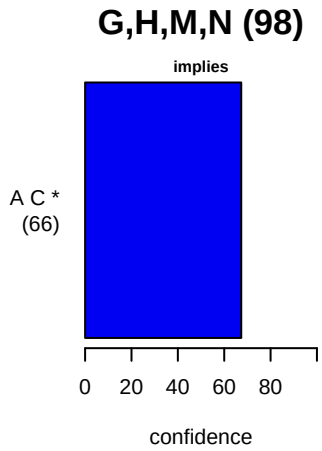
H,M,N,O (89)

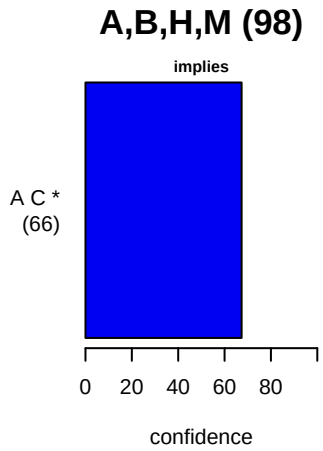


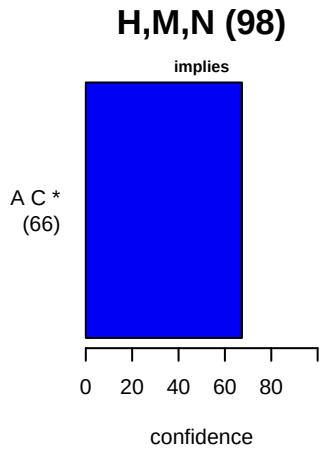
A,D,I,N,O (95)

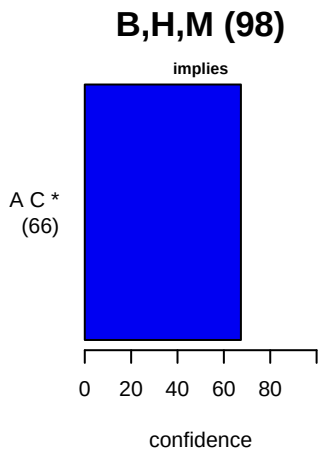


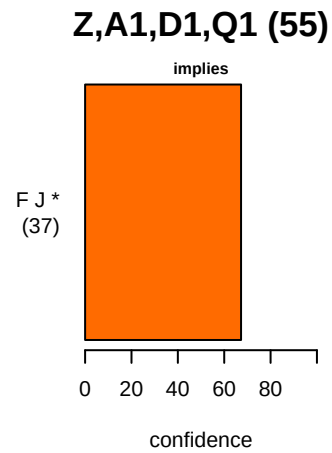

I,M,N,O (95)
implies
A C *
(64)
0 20 40 60 80
confidence

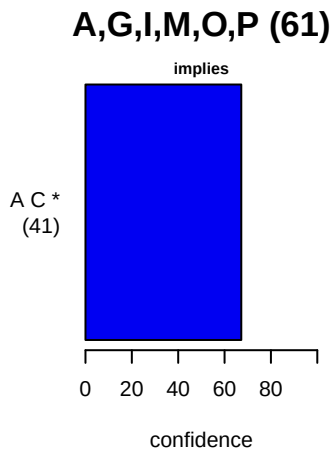

G,H,M,N (98)
implies
A C *
(66)
0 20 40 60 80
confidence

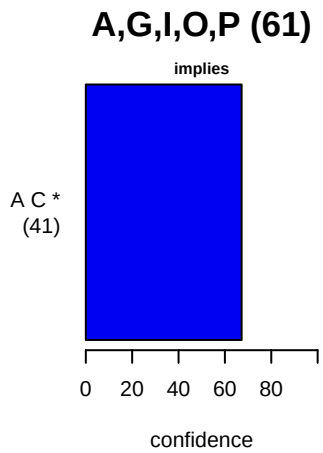

A,B,H,M (98)
implies
A C *
(66)
0 20 40 60 80
confidence

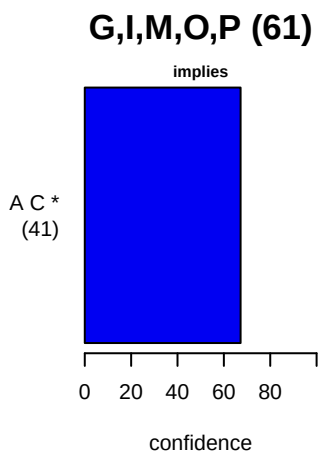

H,M,N (98)
implies
A C *
(66)
0 20 40 60 80
confidence

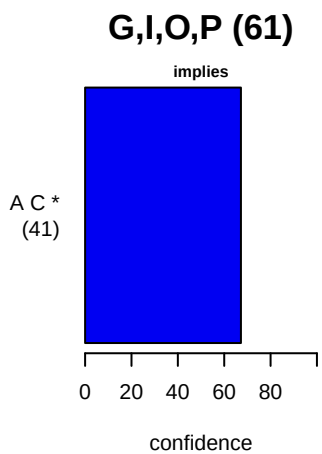

B,H,M (98)
implies
A C *
(66)
0 20 40 60 80
confidence

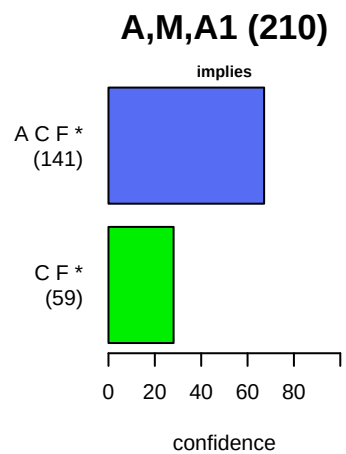

Z,A1,D1,Q1 (55)
implies
F J *
(37)
0 20 40 60 80
confidence

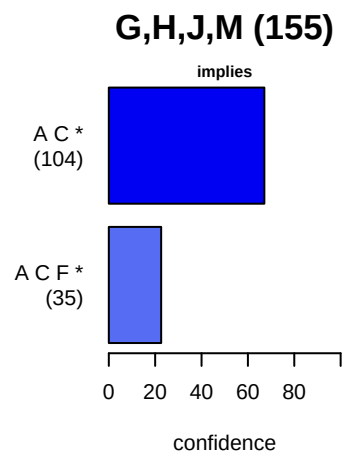

A,G,I,M,O,P (61)
implies
A C *
(41)
0 20 40 60 80
confidence


A,G,I,O,P (61)
implies
A C *
(41)
0 20 40 60 80
confidence

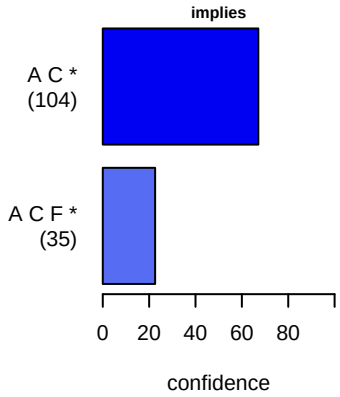

G,I,M,O,P (61)
implies
A C *
(41)
0 20 40 60 80
confidence


G,I,O,P (61)
implies
A C *
(41)
0 20 40 60 80
confidence

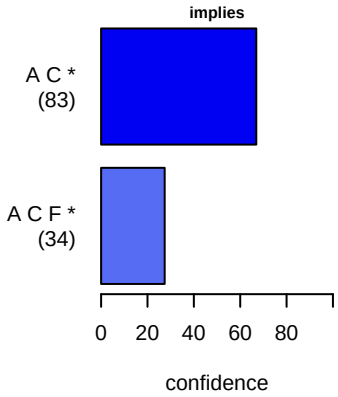

A,M,A1 (210)
implies
A C F *
(141)
C F *
(59)
0 20 40 60 80
confidence


G,H,J,M (155)
implies
A C *
(104)
A C F *
(35)
0 20 40 60 80
confidence

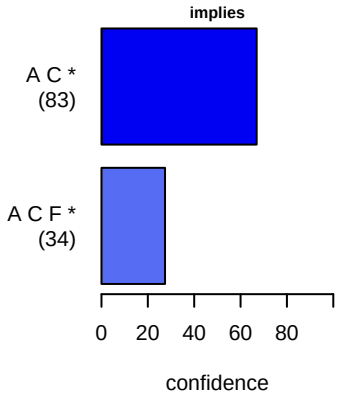
H,J,M (155)



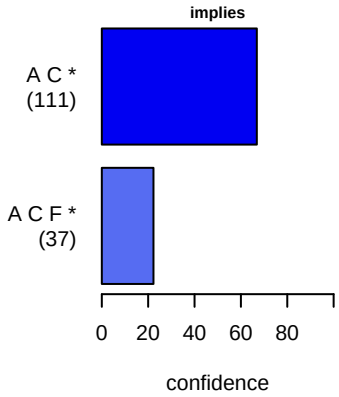
D,G,H,J,M (124)



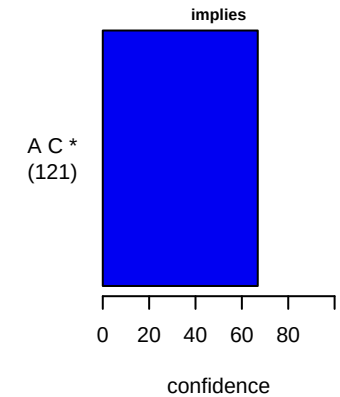
D,H,J,M (124)



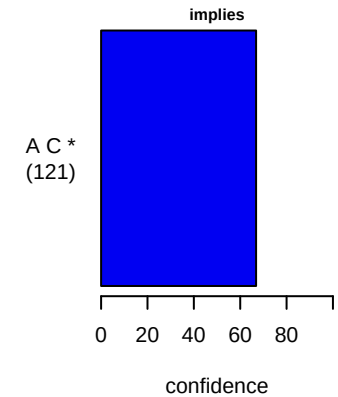
A,D,G,I (166)



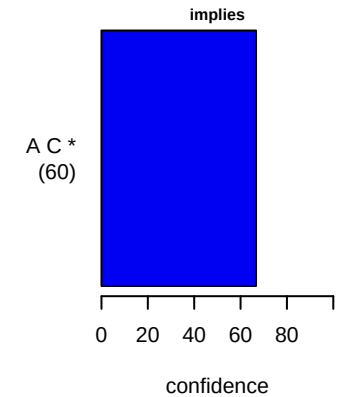
A,G,H,J (181)



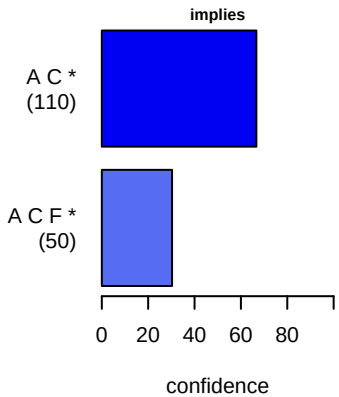
A,H,J (181)



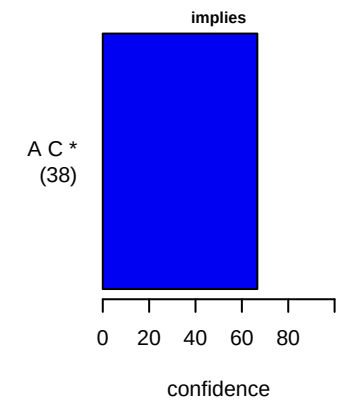
A,D,I,M,N,O (90)



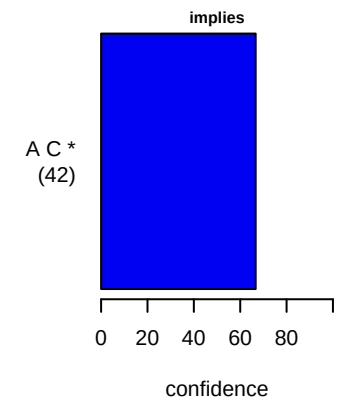
A,G,J,M,O (165)



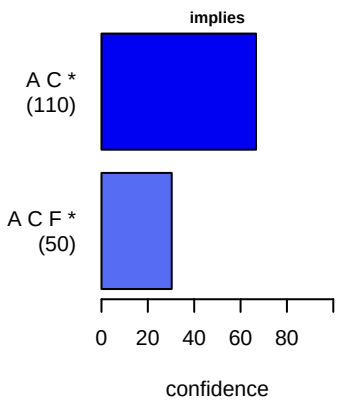
D,G,M,W1 (57)



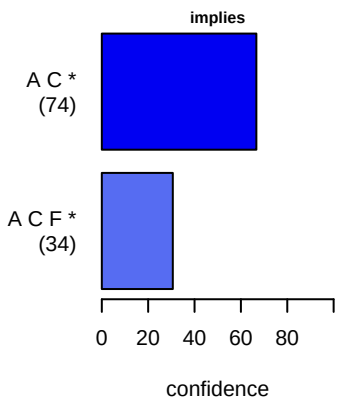
A,M,O,W1 (63)



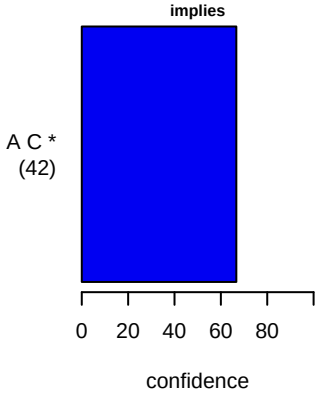
A,J,M,O (165)



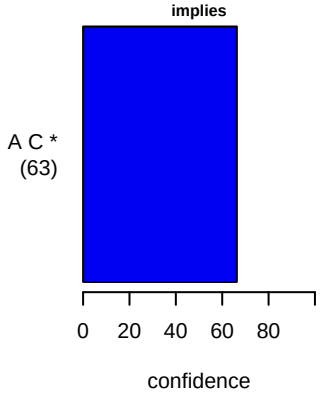
A,I,N (111)



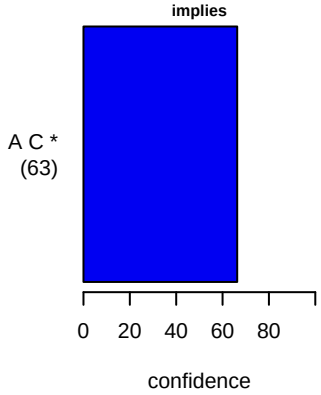
A,D,X1 (63)



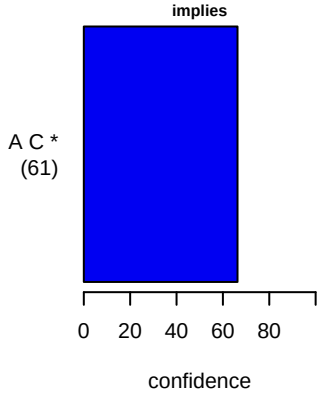
D,G,H,M,N (95)



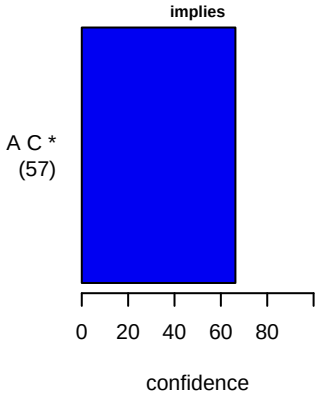
D,H,M,N (95)



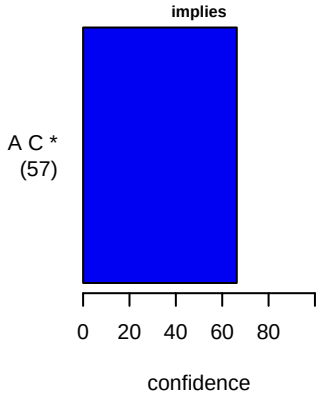
D,I,M,N,O (92)



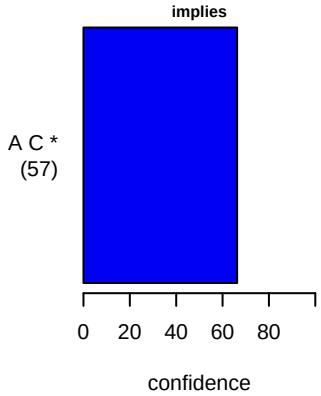
D,G,H,M,N,O (86)



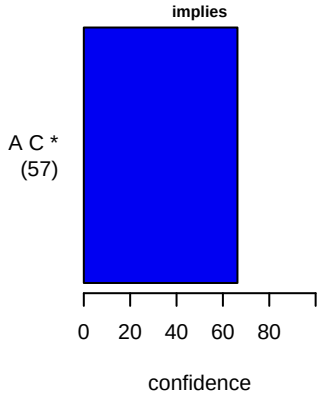
D,H,M,N,O (86)



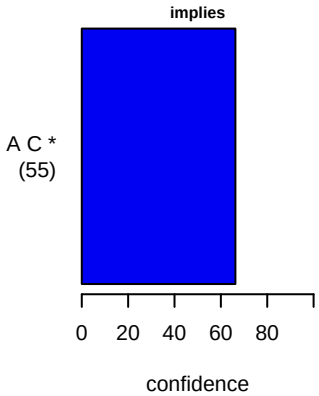
G,H,J,M,N (86)



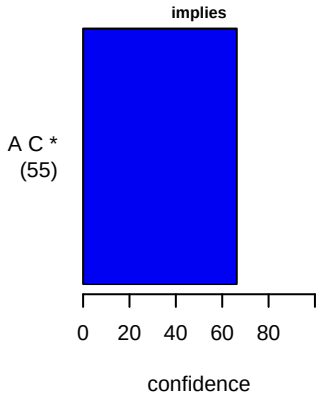
H,J,M,N (86)



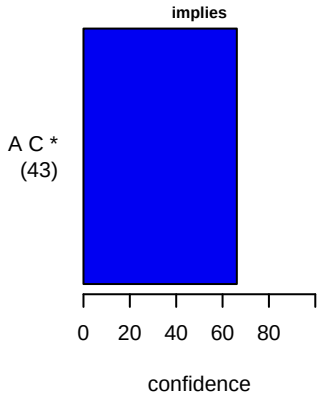
G,H,J,M,N,O (83)



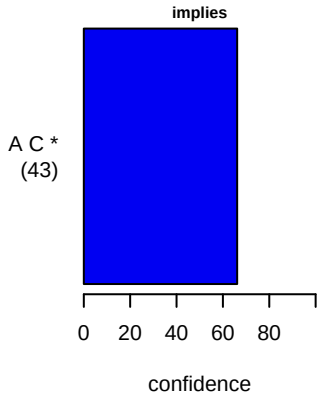
H,J,M,N,O (83)



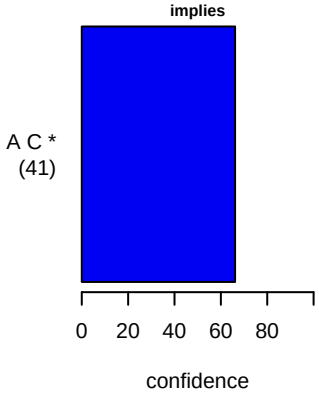
A,D,G,J,U (65)



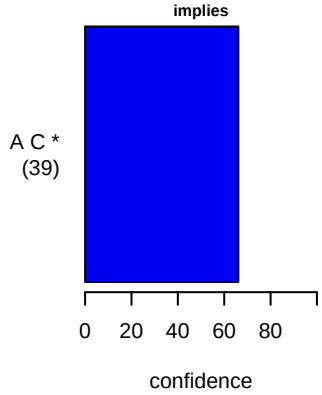
A,D,J,U (65)



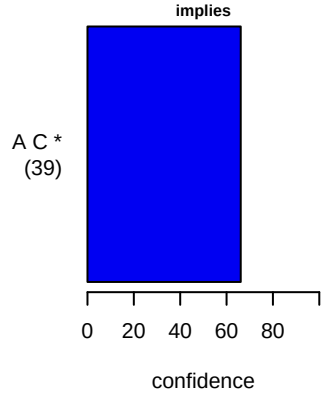
G,M,O,W1 (62)



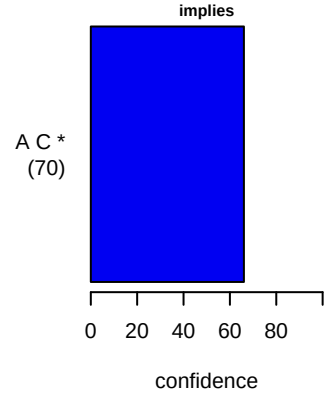
G,H,O,W1 (59)



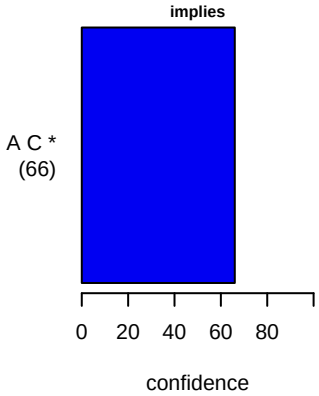
H,O,W1 (59)



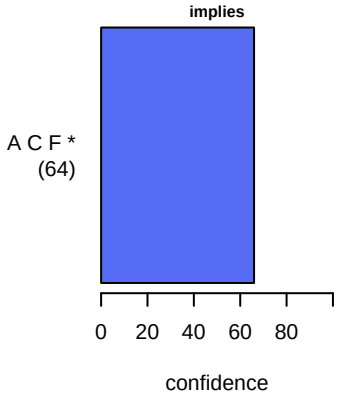
I,N,O (106)



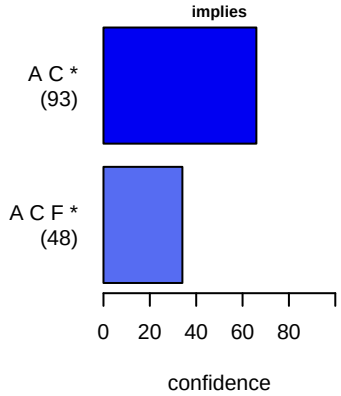
A,I,M,N (100)



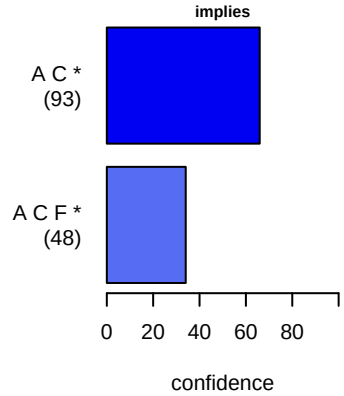
D,G,N,A1 (97)



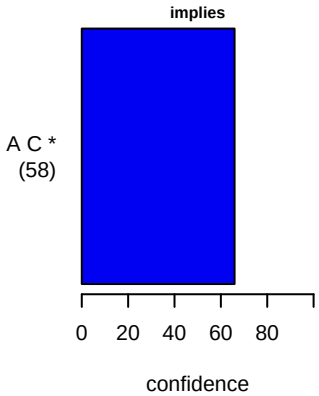
A,D,G,J,O (141)



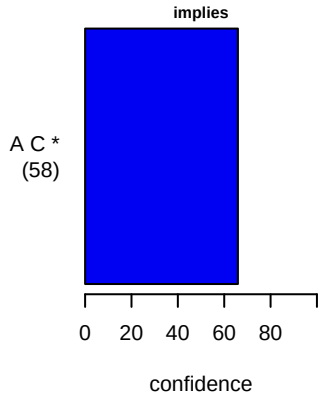
A,D,J,O (141)



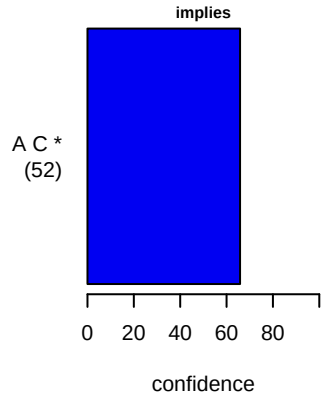
A,B,G,I,M (88)



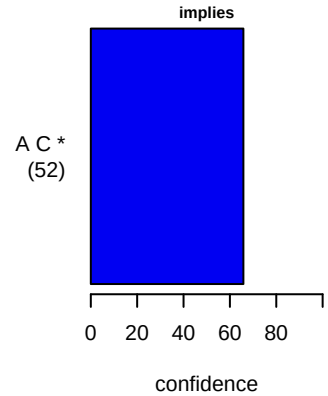
B,G,I,M (88)



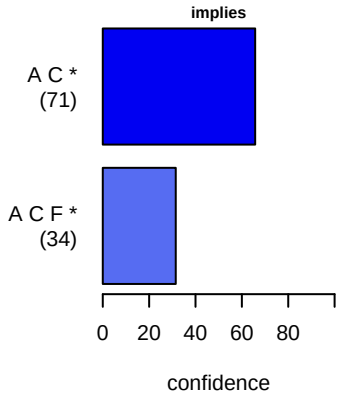
D,G,H,I,J (79)



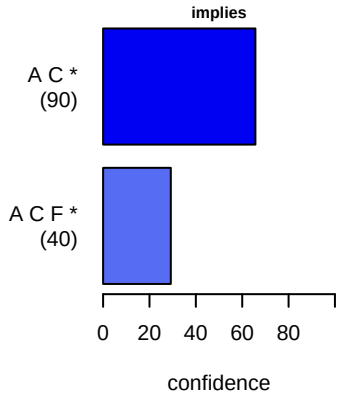
D,H,I,J (79)



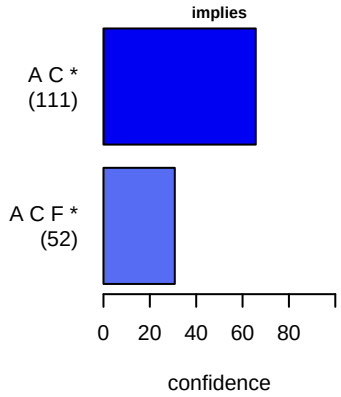
A,D,I,N (108)



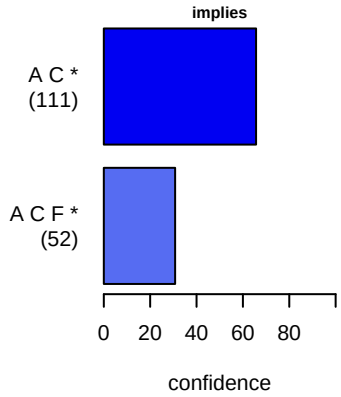
D,I,O (137)



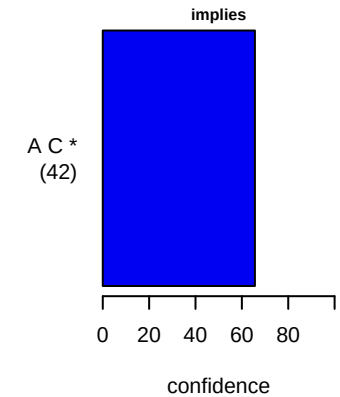
A,D,G,J (169)



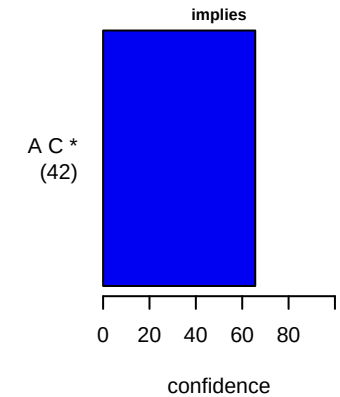
A,D,J (169)



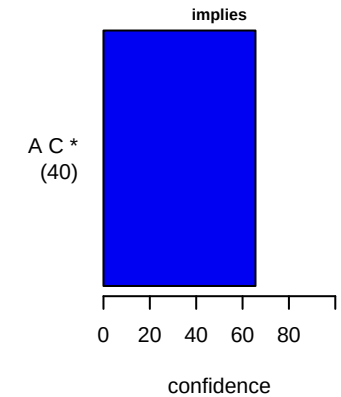
A,B,D,I,M (64)



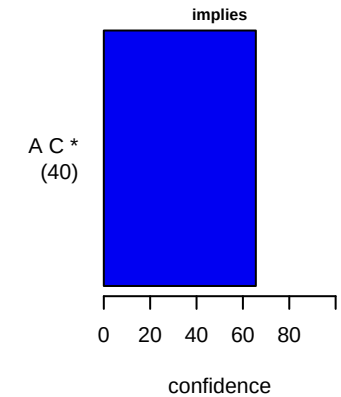
B,D,I,M (64)



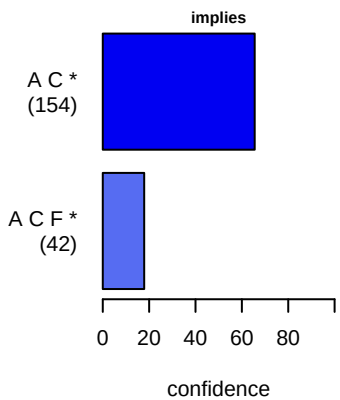
A,D,G,J,O,U (61)



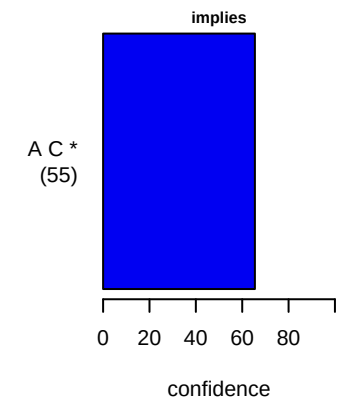
A,D,J,O,U (61)



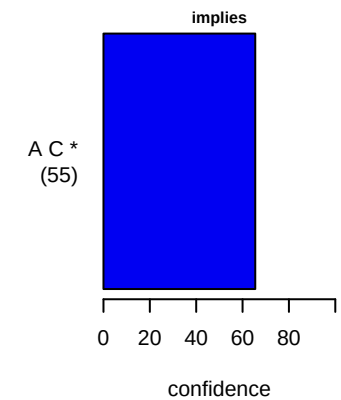
A,G,H,M (235)



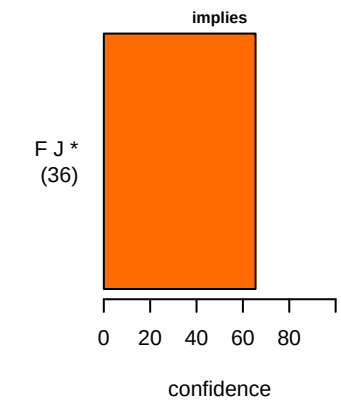
D,G,H,J,M,N (84)



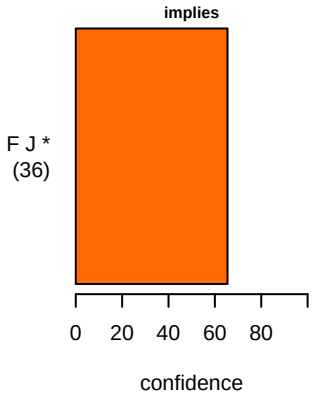
D,H,J,M,N (84)



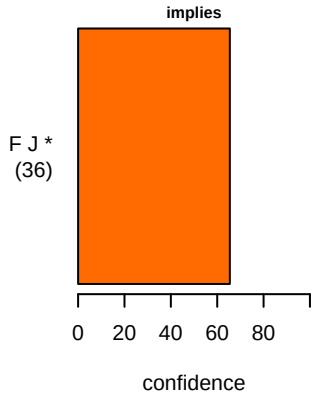
D1,K1,L1,Q1,R1 (55)



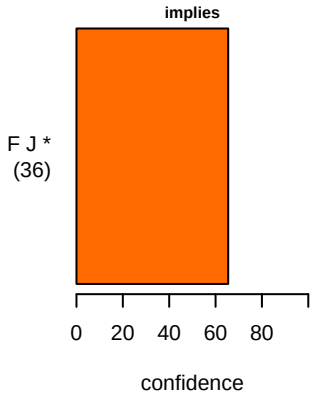
D1,L1,Q1,R1 (55)



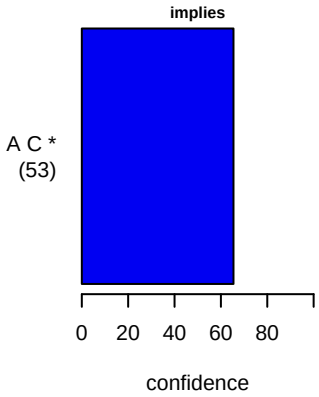
D1,K1,L1,Q1 (55)



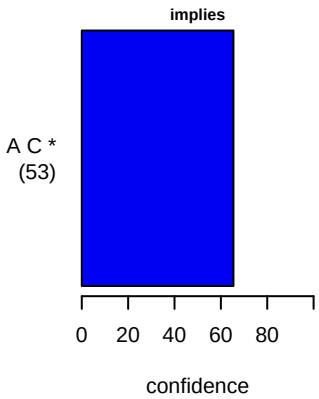
D1,L1,Q1 (55)



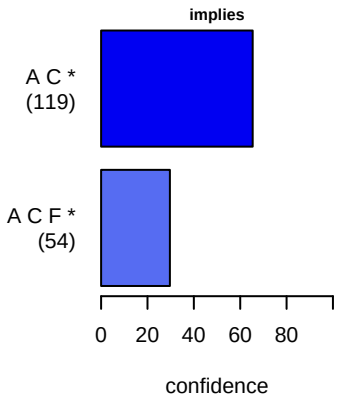
D,G,H,J,M,N,O (81)



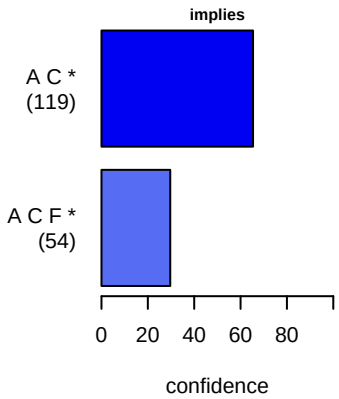
D,H,J,M,N,O (81)



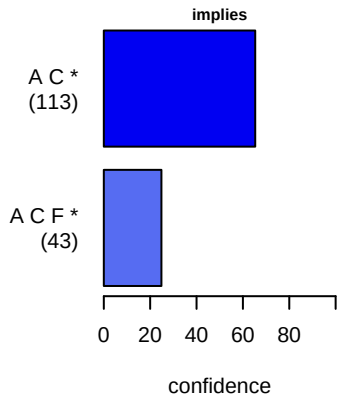
A,G,J,M (182)



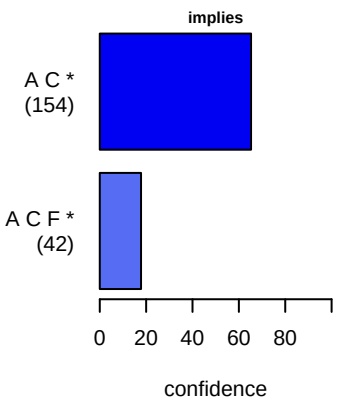
A,J,M (182)



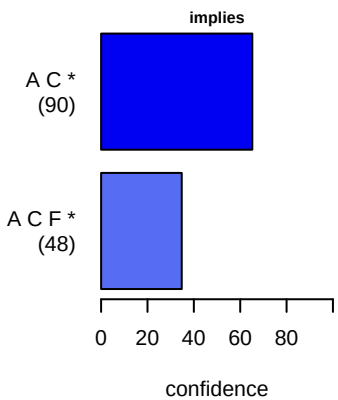
A,I,O (173)



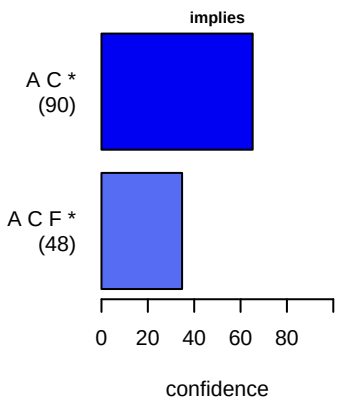
A,H,M (236)



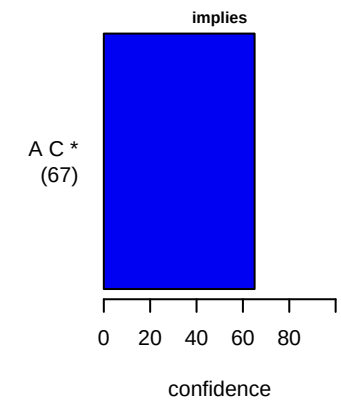
A,D,G,J,M,O (138)



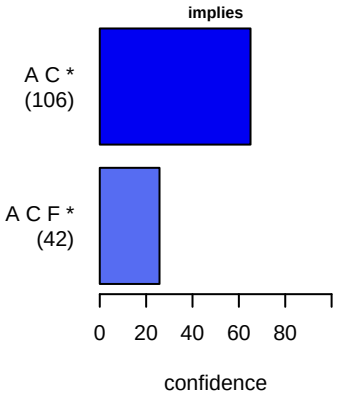
A,D,J,M,O (138)



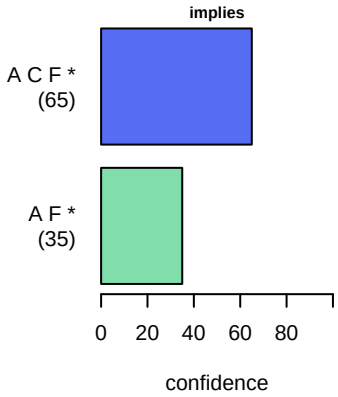
D,I,N,O (103)



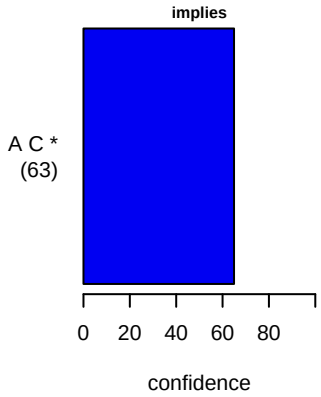
A,I,M,O (163)



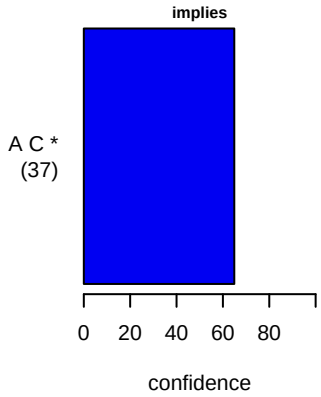
G,N,A1 (100)



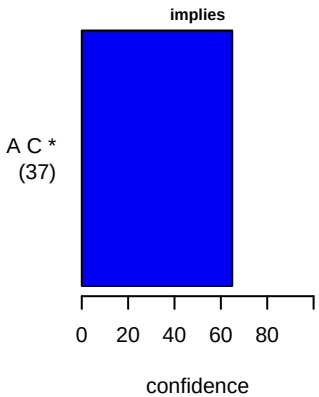
A,D,I,M,N (97)



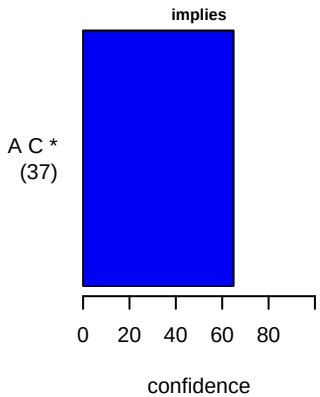
A,D,I,M,O,P (57)



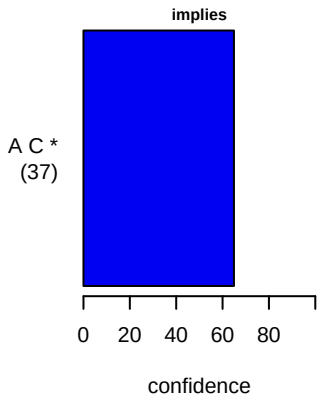
A,D,I,M,P (57)



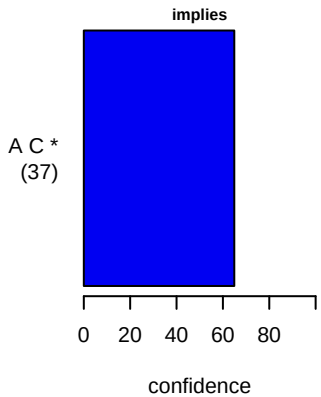
A,D,I,O,P (57)



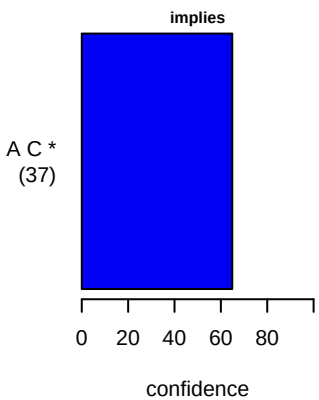
D,I,M,O,P (57)



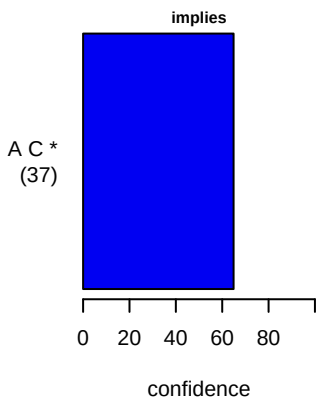
A,D,I,P (57)



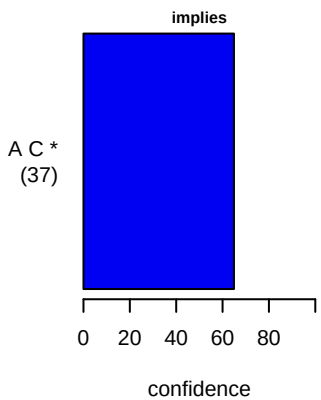
D,I,M,P (57)



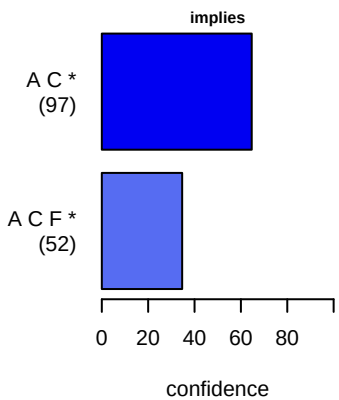
D,I,O,P (57)



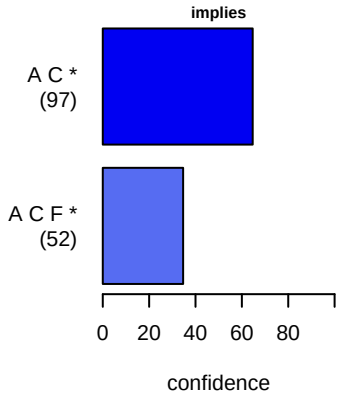
D,I,P (57)



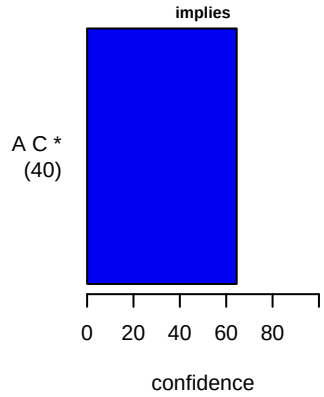
A,D,G,J,M (150)



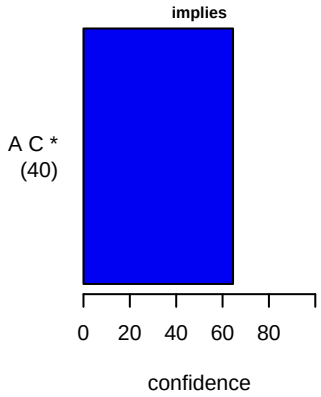
A,D,J,M (150)



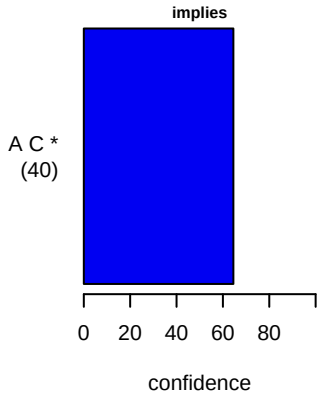
A,D,G,J,M,U (62)



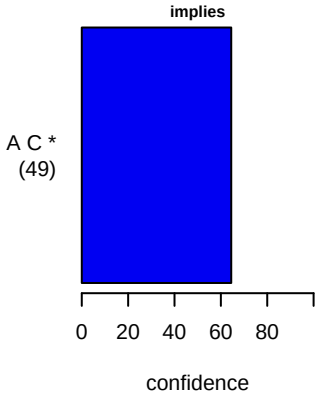
A,D,J,M,U (62)



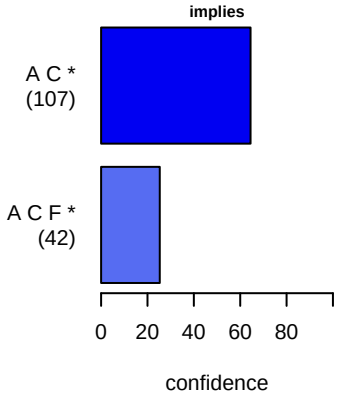
A,D,M,W1 (62)



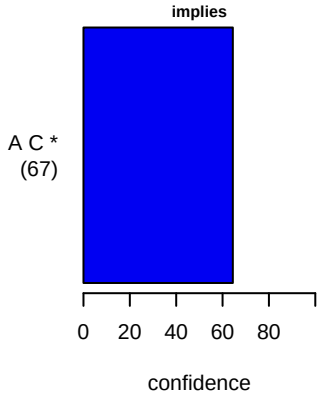
A,G,H,M,X1 (76)



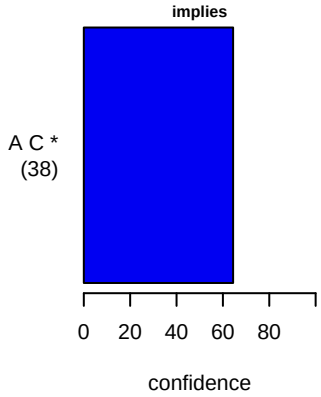
I,M,O (166)



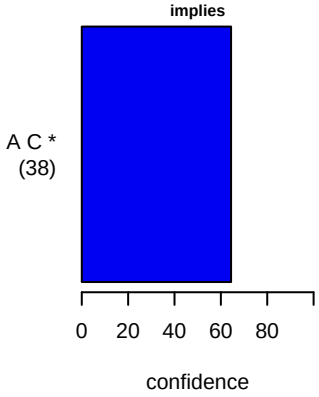
I,M,N (104)



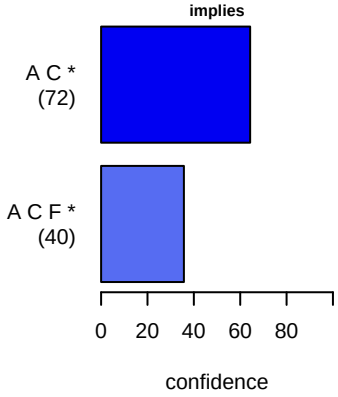
A,D,G,J,M,O,U (59)



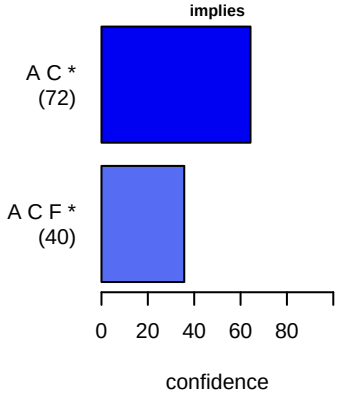
A,D,J,M,O,U (59)



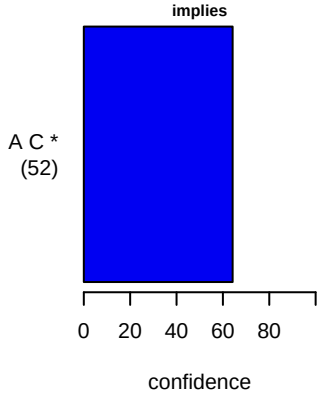
A,G,J,N (112)



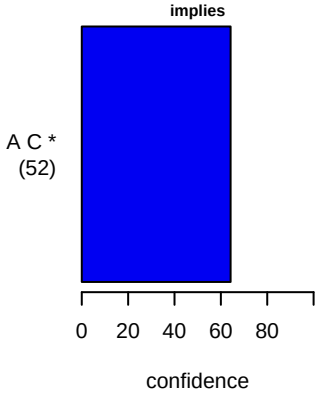
A,J,N (112)



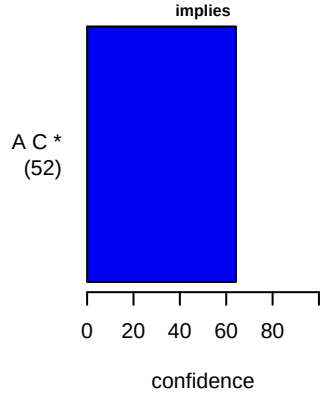
A,B,G,H,I (81)



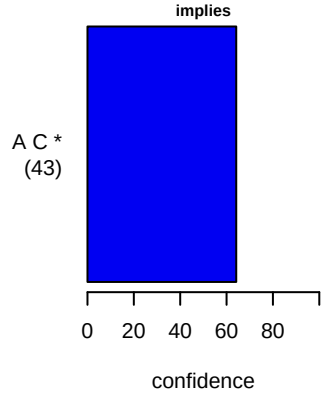
A,G,M,W1 (81)



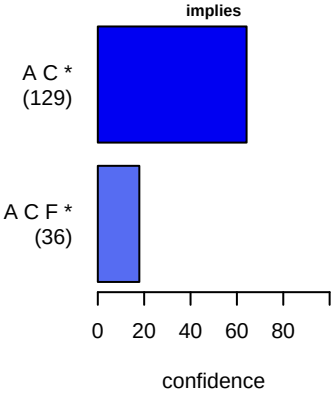
B,G,H,I (81)



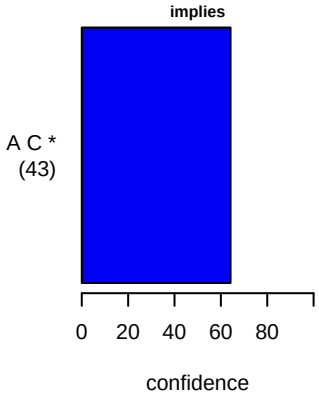
A,G,J,U (67)



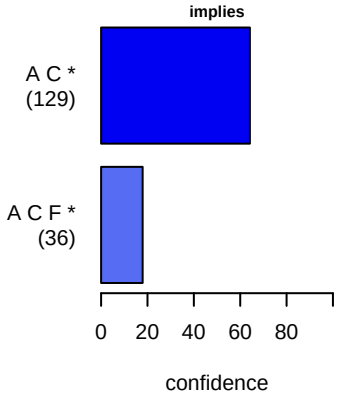
G,H,O (201)



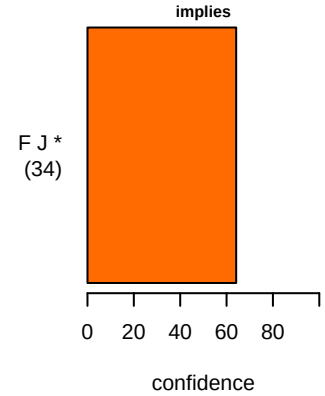
A,J,U (67)



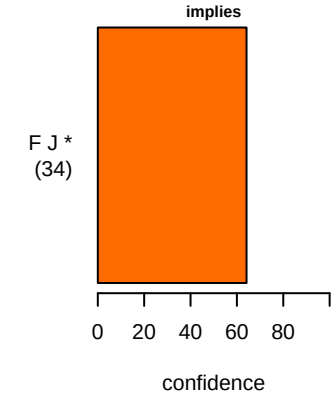
H,O (201)



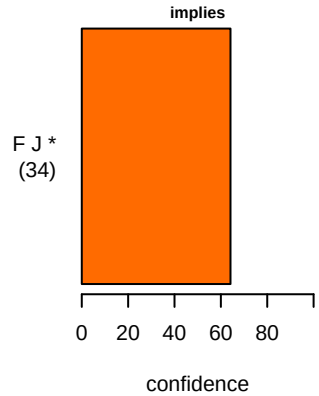
D1,M1,Q1,R1,U1 (53)



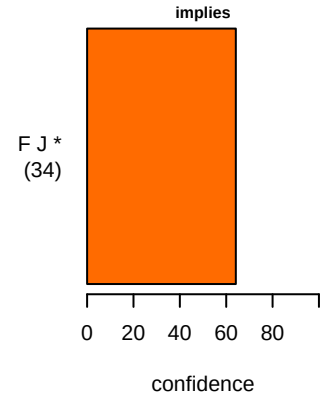
M1,Q1,R1,U1 (53)



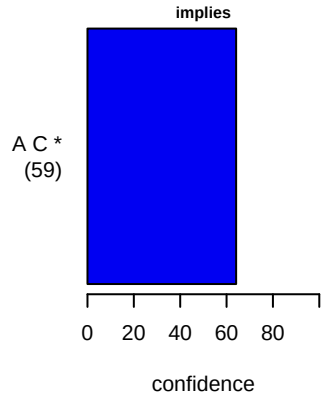
D1,M1,Q1,U1 (53)



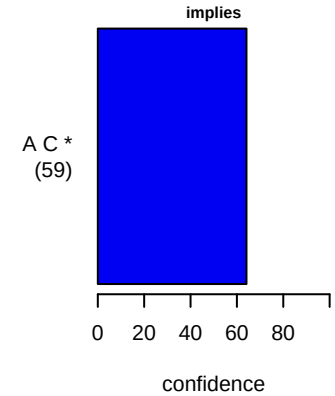
M1,Q1,U1 (53)



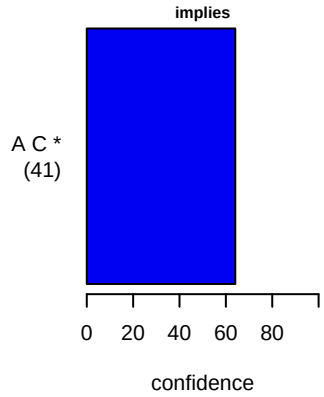
D,G,I,J (92)



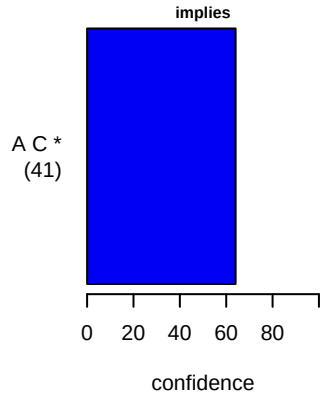
D,I,J (92)



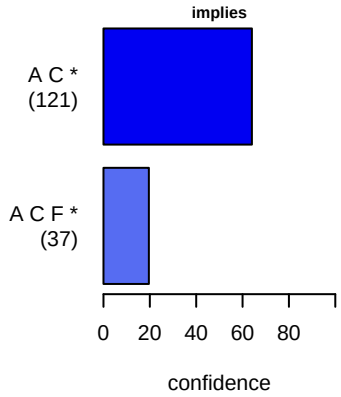
G,H,M,W1 (64)



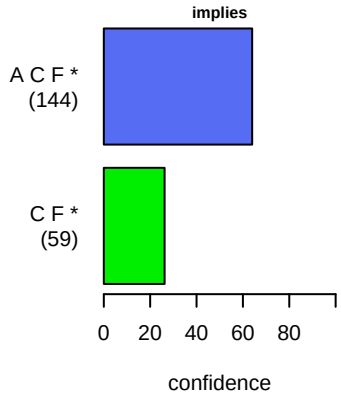
H,M,W1 (64)



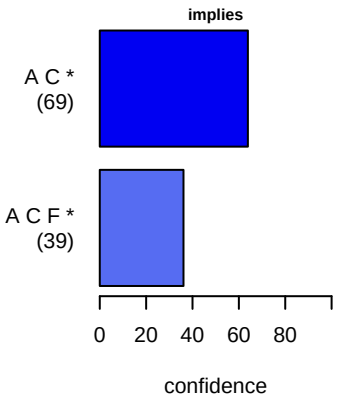
A,G,I,M (189)



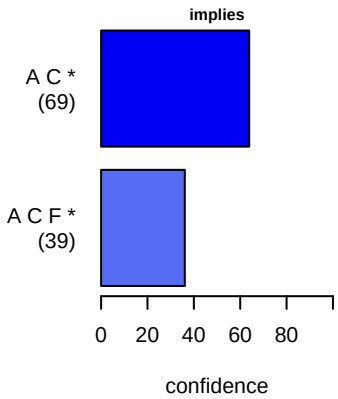
M,A1 (225)



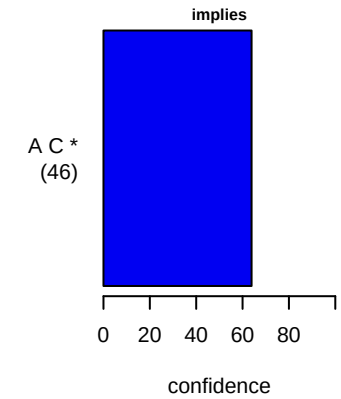
A,G,J,N,O (108)



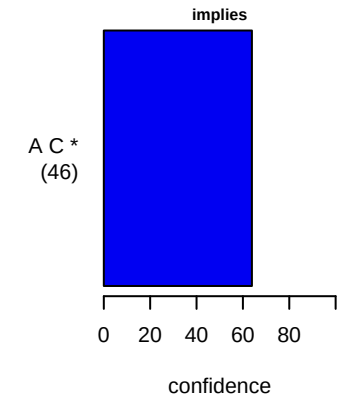
A,J,N,O (108)



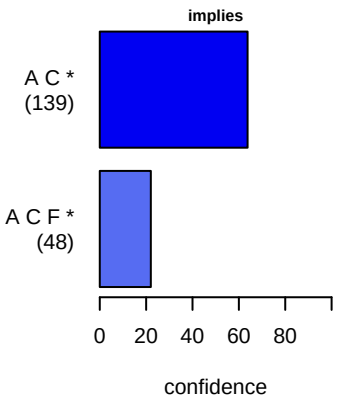
A,B,D,I (72)



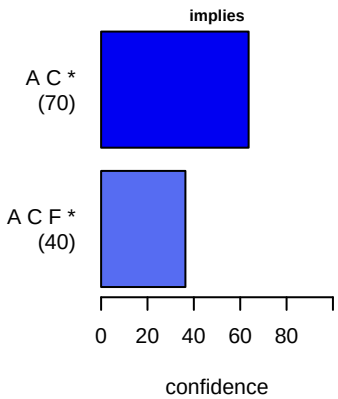
B,D,I (72)



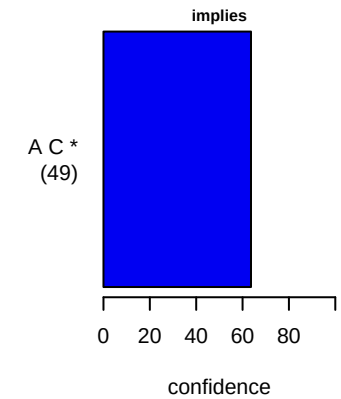
A,D,G,H (218)



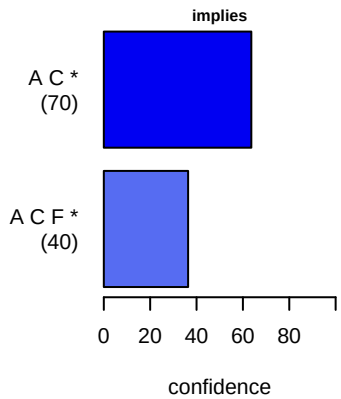
A,D,G,J,N (110)

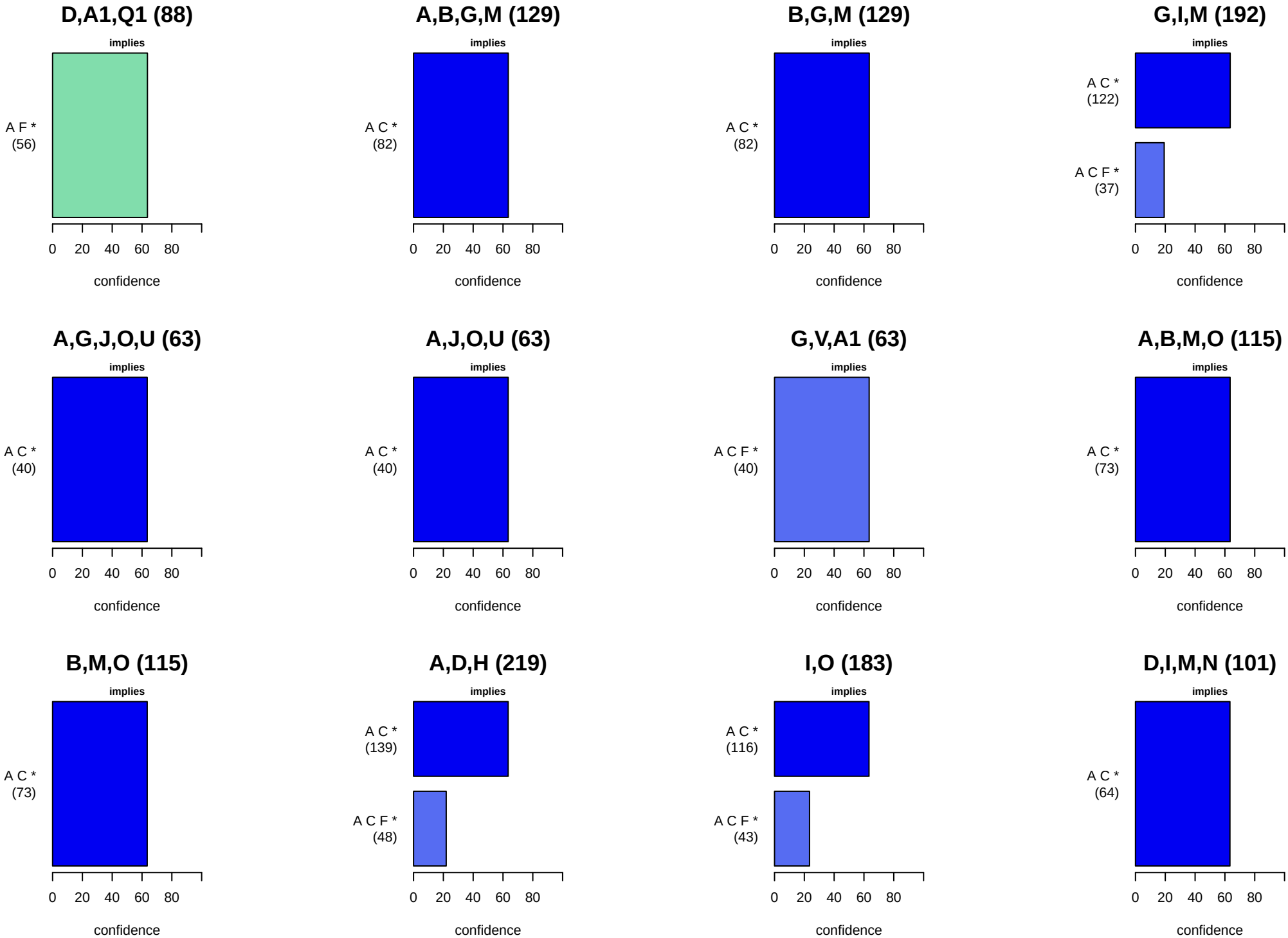


A,H,M,X1 (77)

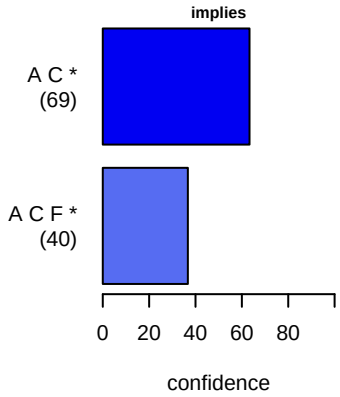


A,D,J,N (110)

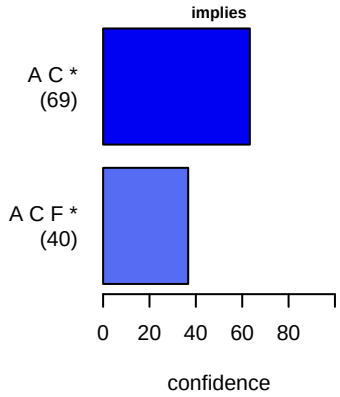



D,A1,Q1 (88)
implies
A F *
(56)
0 20 40 60 80
confidence
A,B,G,M (129)
implies
A C *
(82)
0 20 40 60 80
confidence
B,G,M (129)
implies
A C *
(82)
0 20 40 60 80
confidence
G,I,M (192)
implies
A C *
(122)
A C F *
(37)
0 20 40 60 80
confidence
A,G,J,O,U (63)
implies
A C *
(40)
0 20 40 60 80
confidence
A,J,O,U (63)
implies
A C *
(40)
0 20 40 60 80
confidence
G,V,A1 (63)
implies
A C F *
(40)
0 20 40 60 80
confidence
A,B,M,O (115)
implies
A C *
(73)
0 20 40 60 80
confidence
B,M,O (115)
implies
A C *
(73)
0 20 40 60 80
confidence
A,D,H (219)
implies
A C *
(139)
A C F *
(48)
0 20 40 60 80
confidence
I,O (183)
implies
A C *
(116)
A C F *
(43)
0 20 40 60 80
confidence
D,I,M,N (101)
implies
A C *
(64)
0 20 40 60 80
confidence

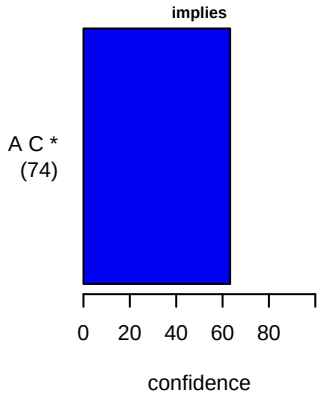
A,G,J,M,N (109)



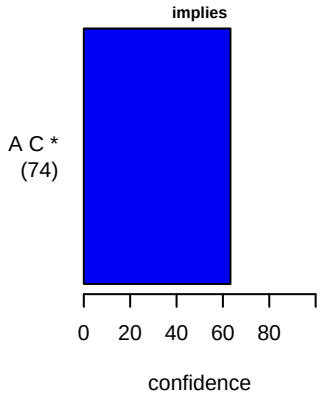
A,J,M,N (109)



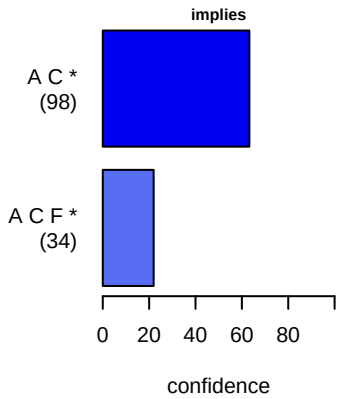
A,B,O (117)



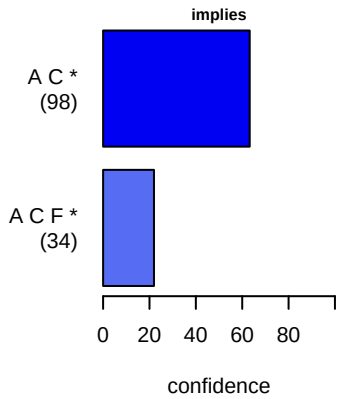
B,O (117)



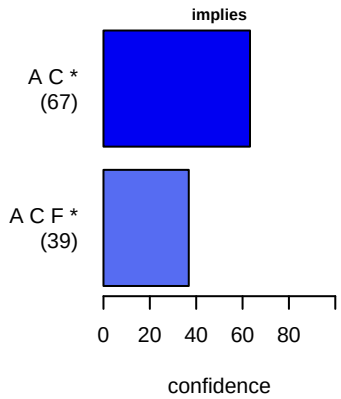
D,G,H,O (155)



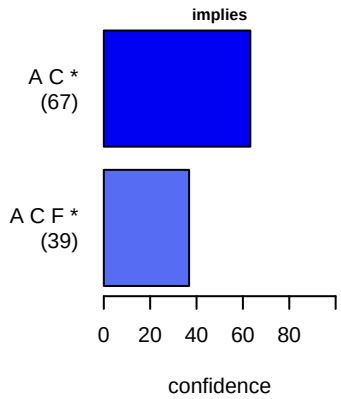
D,H,O (155)



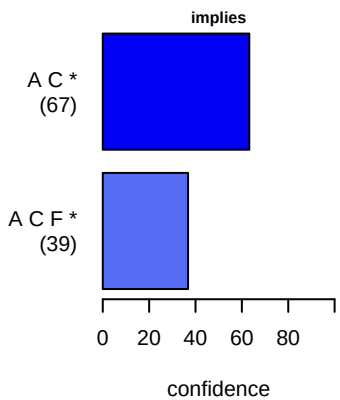
A,D,G,J,N,O (106)



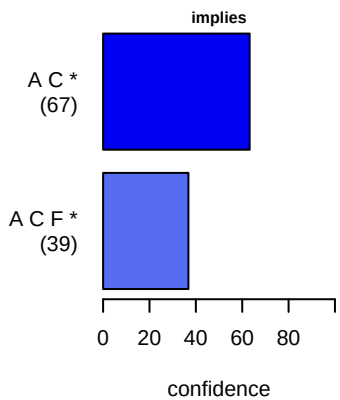
A,G,J,M,N,O (106)



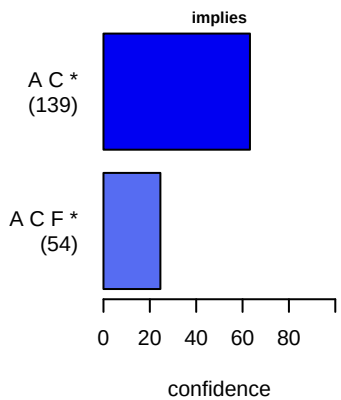
A,D,J,N,O (106)



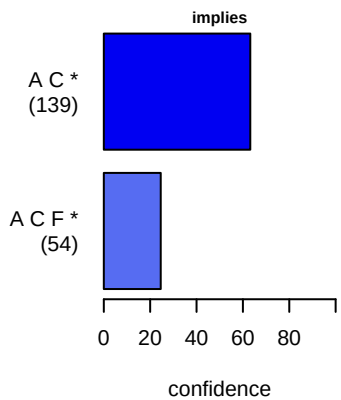
A,J,M,N,O (106)



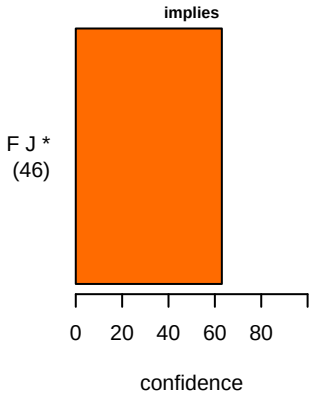
A,G,J (220)



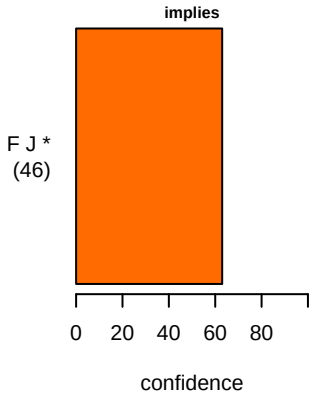
A,J (220)



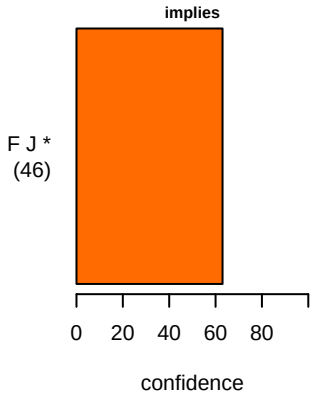
D1,K1,P1,Q1,R1 (73)



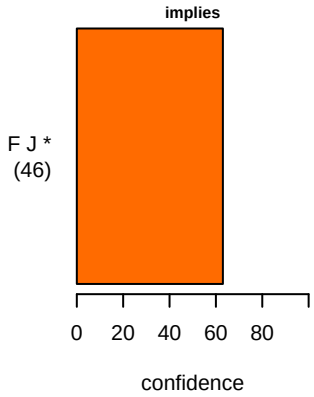
K1,P1,Q1,R1 (73)



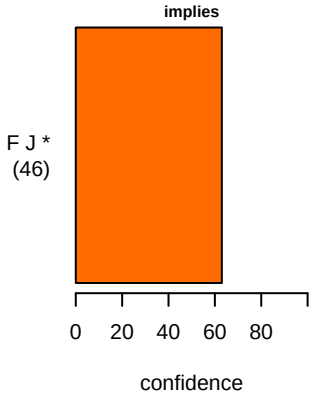
D1,K1,P1,R1 (73)



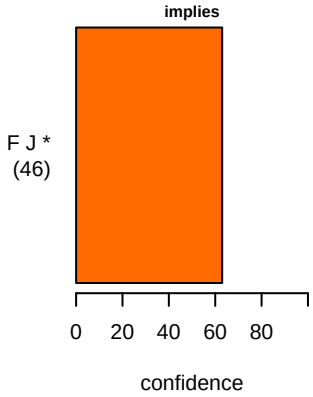
D1,K1,P1,Q1 (73)



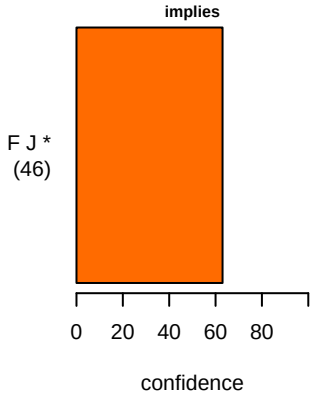
K1,P1,R1 (73)



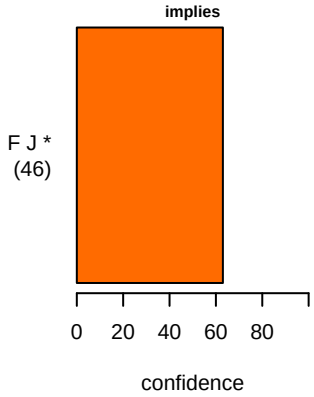
K1,P1,Q1 (73)



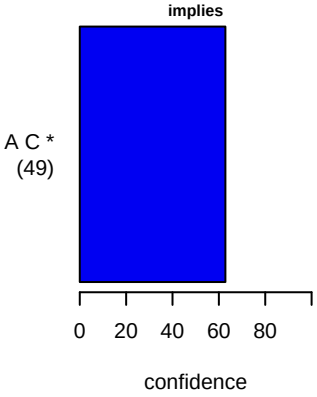
D1,K1,P1 (73)



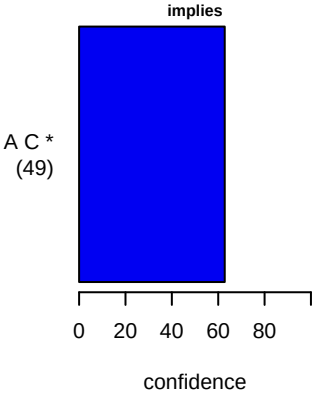
K1,P1 (73)



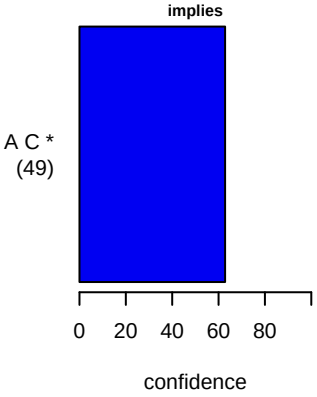
G,H,M,X1 (78)



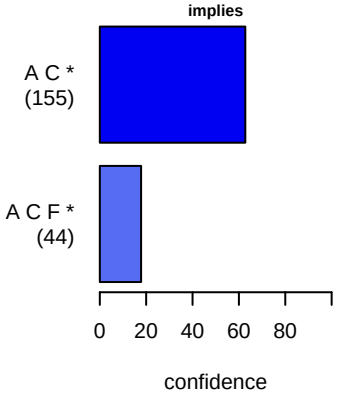
A,B,D,O (78)



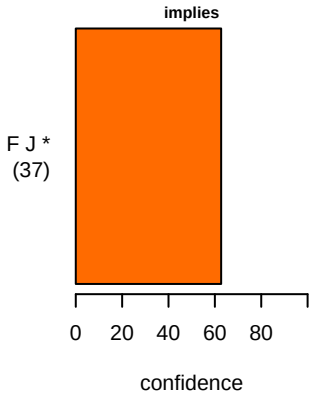
B,D,O (78)



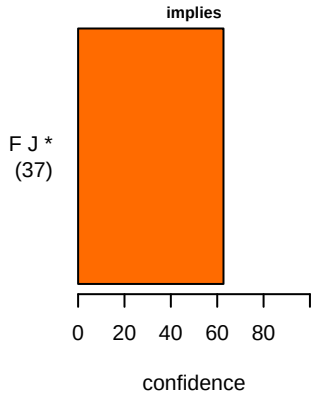
G,H,M (247)



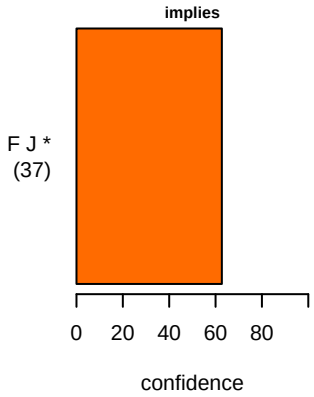
D1,K1,L1,R1 (59)



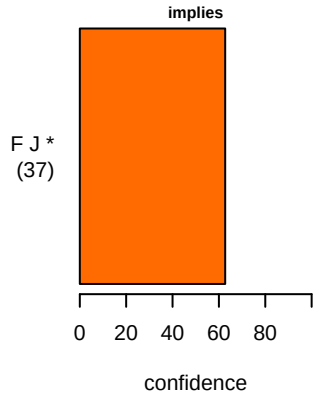
D1,L1,R1 (59)



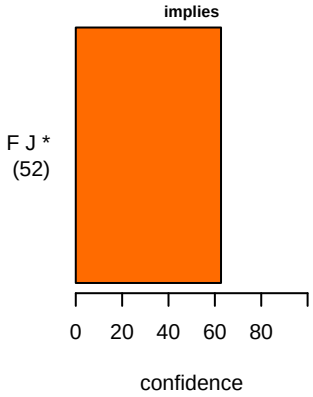
D1,K1,L1 (59)



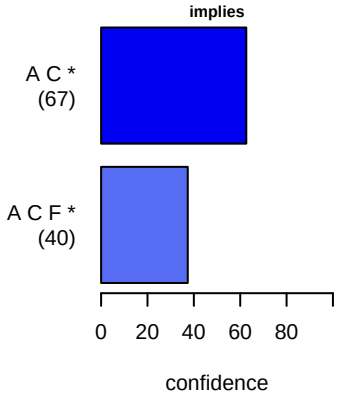
D1,L1 (59)



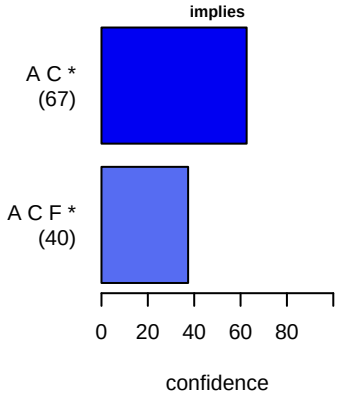
L1,R1 (83)



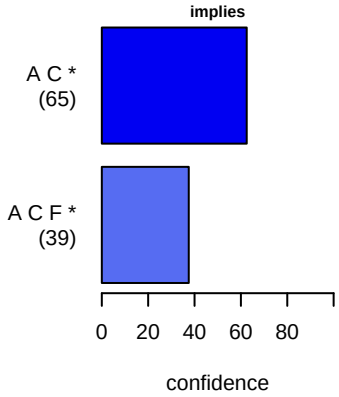
A,D,G,J,M,N (107)



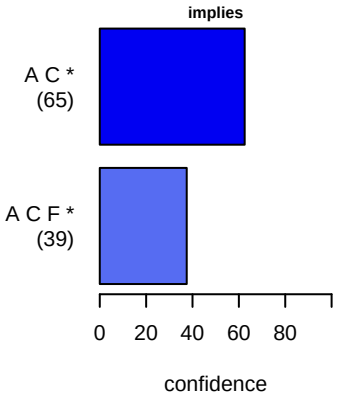
A,D,J,M,N (107)



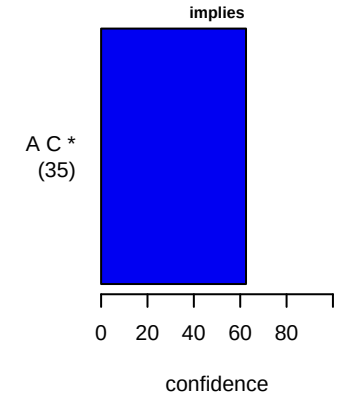
A,D,G,J,M,N,O (104)



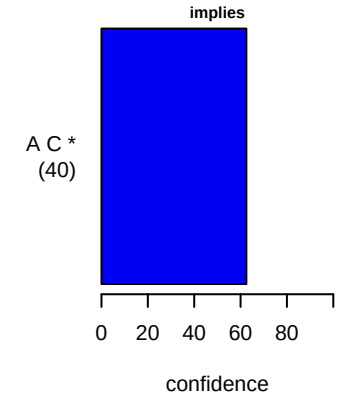
A,D,J,M,N,O (104)



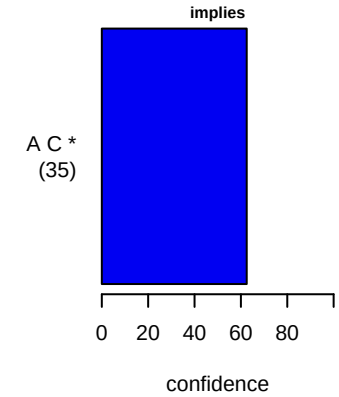
A,B,D,M,O,P (56)



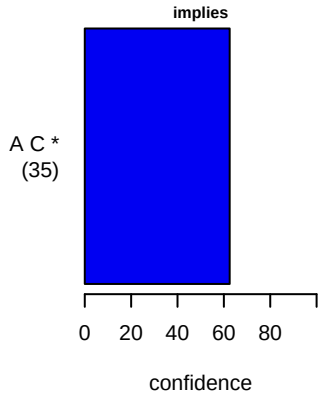
A,G,J,M,U (64)



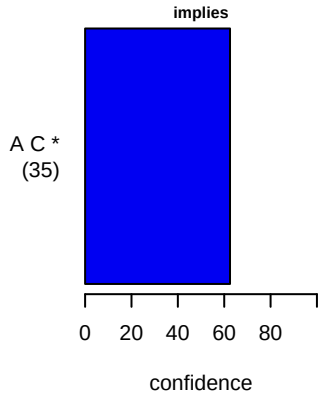
A,B,D,M,P (56)



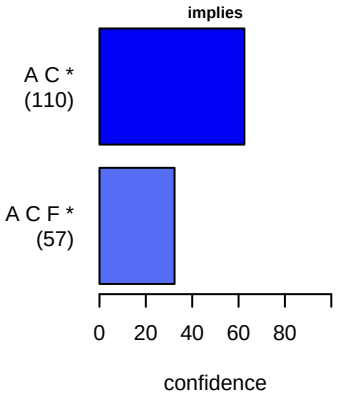
A,B,D,O,P (56)



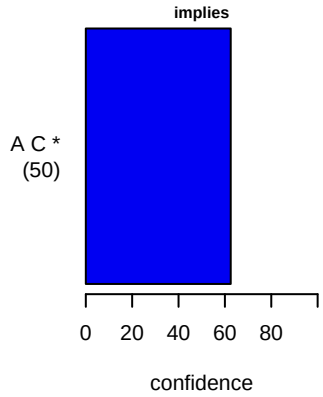
B,D,M,O,P (56)



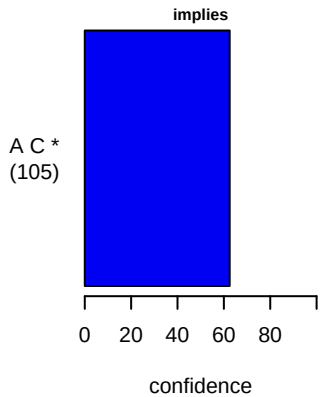
A,D,I,M (176)



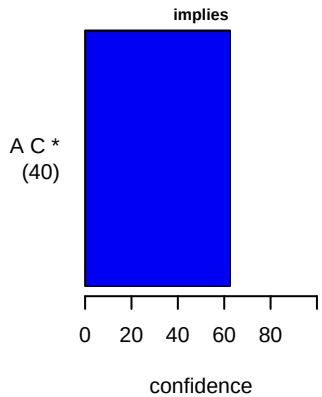
A,G,M,X1 (80)



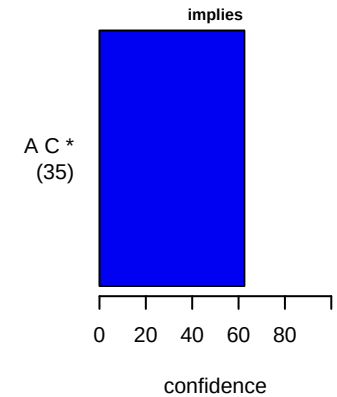
G,H,J,O (168)



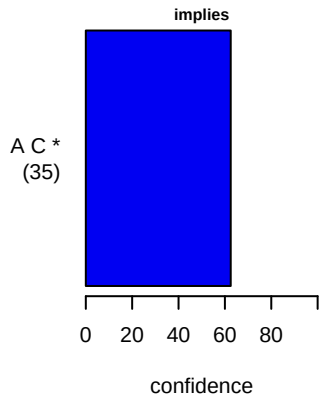
A,J,M,U (64)



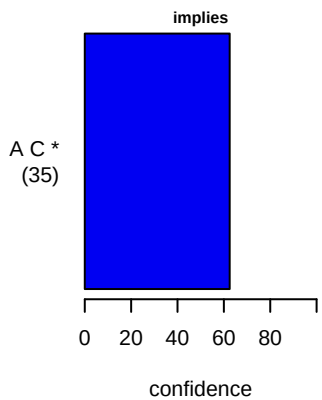
A,B,D,P (56)



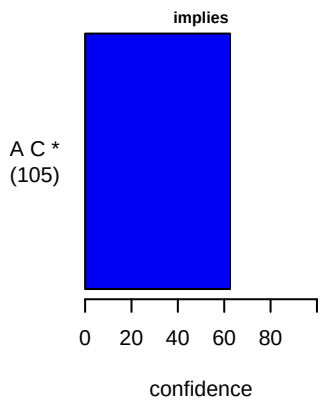
B,D,M,P (56)



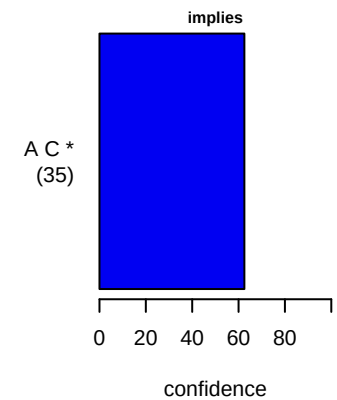
B,D,O,P (56)



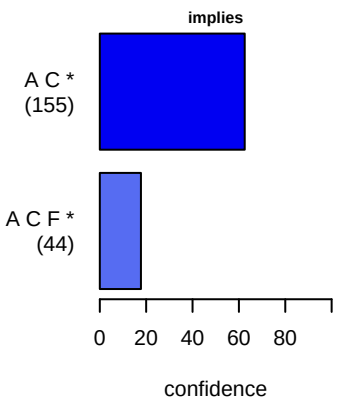
H,J,O (168)



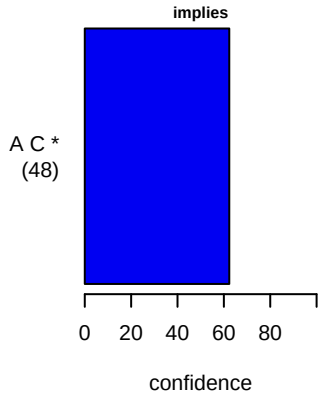
B,D,P (56)



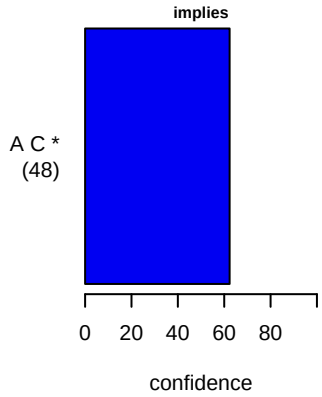
H,M (248)



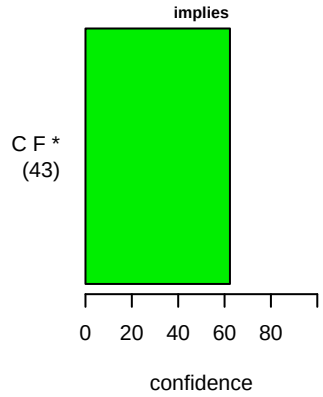
A,B,D,M,O (77)



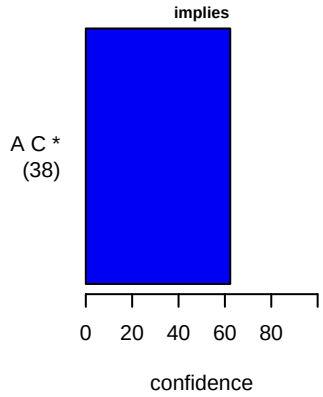
B,D,M,O (77)



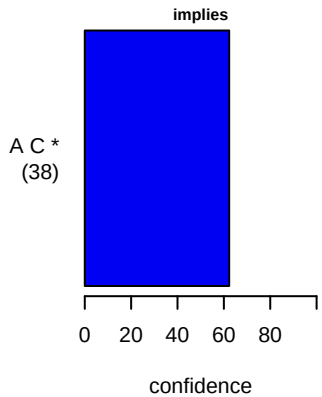
A,B,A1 (69)



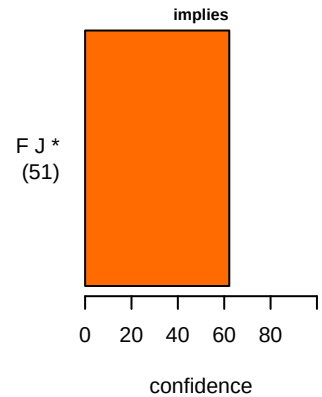
A,G,J,M,O,U (61)



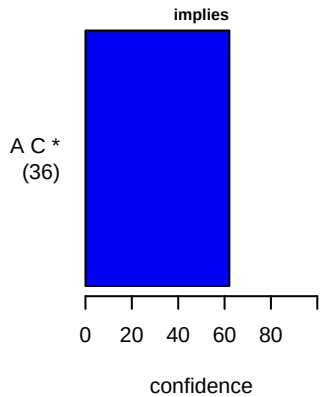
A,J,M,O,U (61)



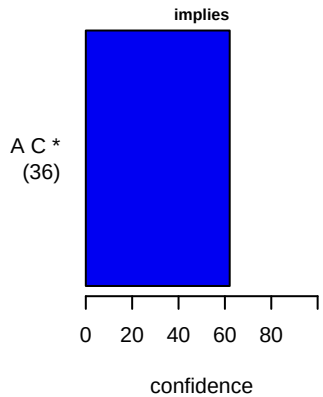
K1,L1,R1 (82)



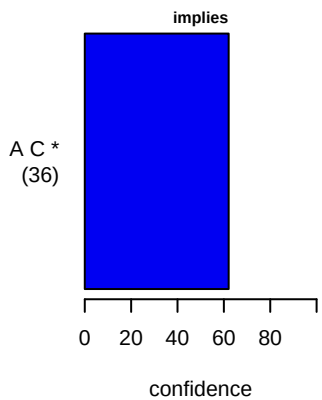
A,D,G,J,N,U (58)



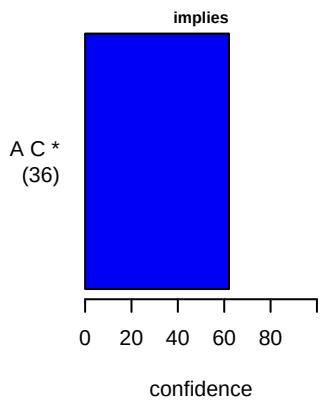
A,D,J,N,U (58)



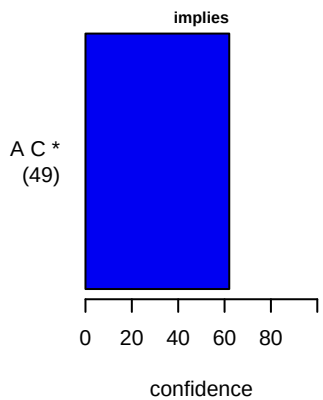
A,G,J,N,U (58)



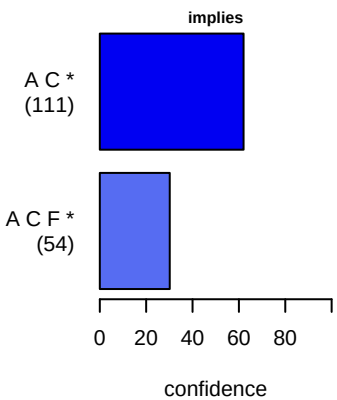
A,J,N,U (58)



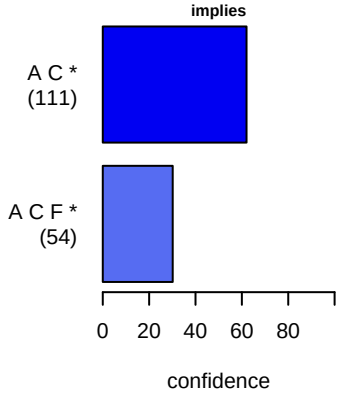
H,M,X1 (79)



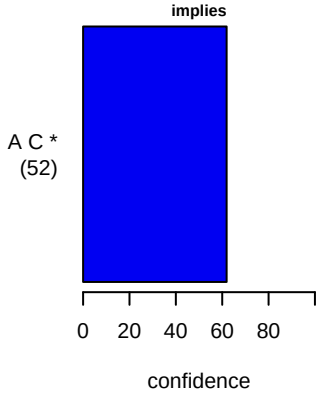
G,J,M,O (179)



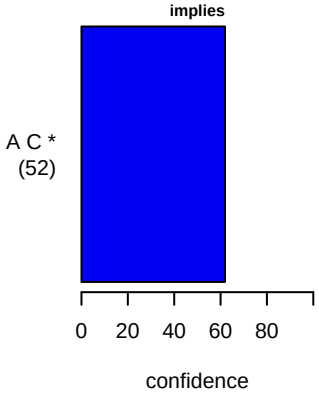
J,M,O (179)



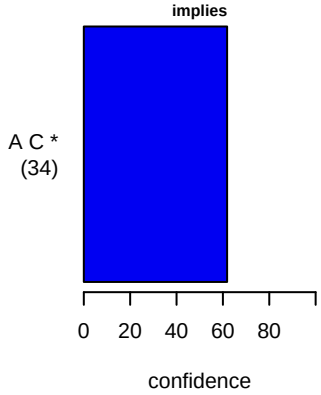
A,B,H,I (84)



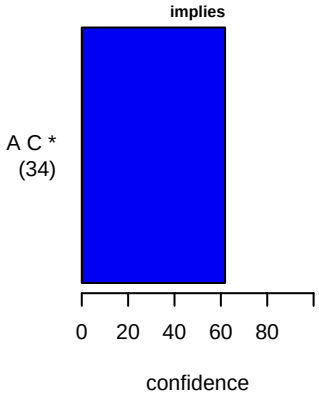
B,H,I (84)



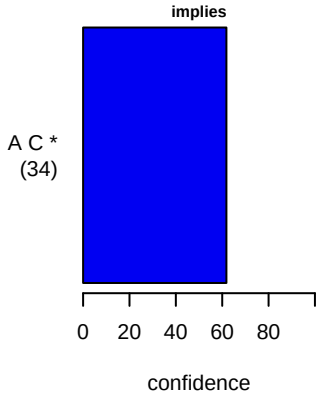
A,D,G,J,N,O,U (55)



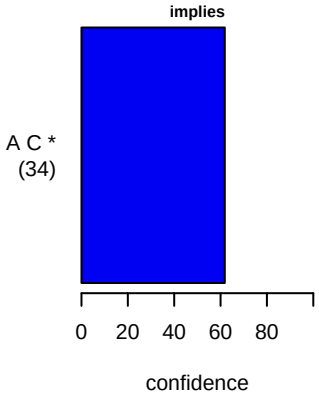
A,D,J,N,O,U (55)



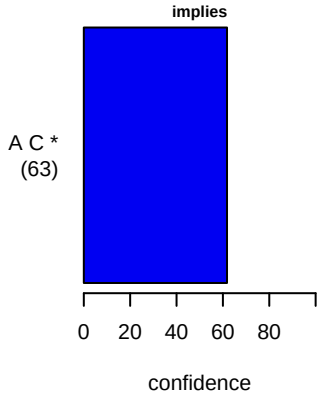
A,G,J,N,O,U (55)



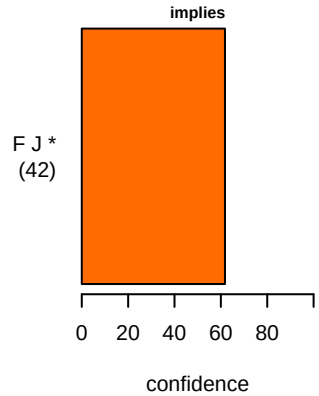
A,J,N,O,U (55)



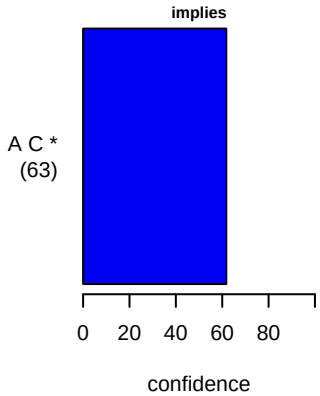
A,B,G,I (102)



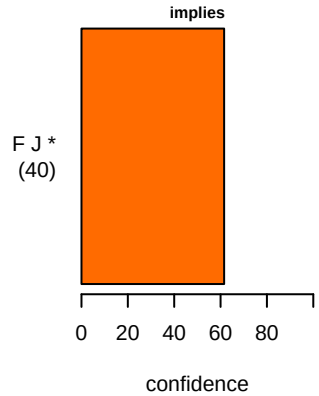
Q1,R1,X1 (68)



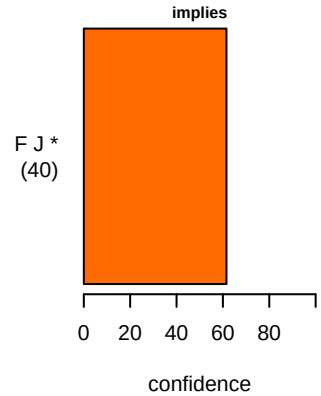
B,G,I (102)



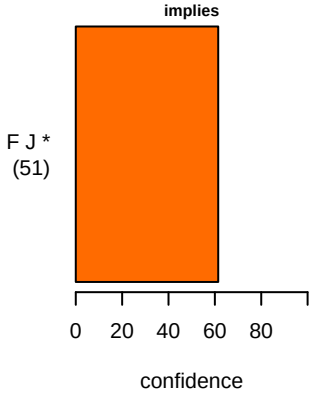
K1,Q1,R1,X1 (65)



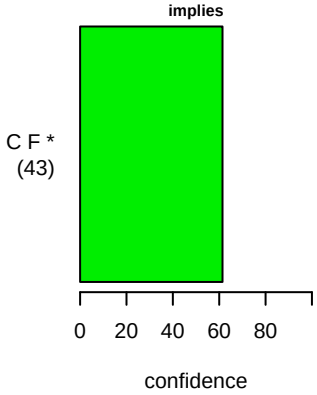
K1,Q1,X1 (65)



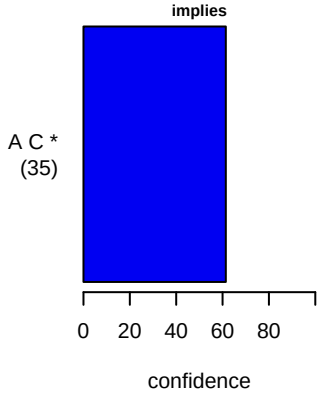
K1,L1 (83)



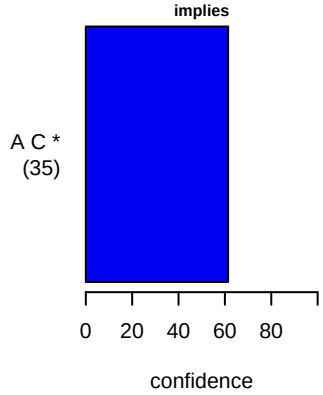
B,A1 (70)



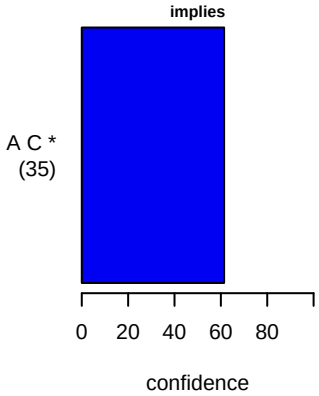
A,D,G,J,M,N,O,P (57)



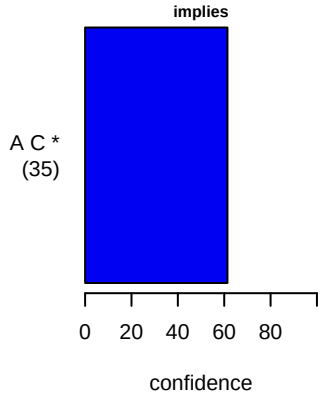
A,D,G,J,M,N,P (57)



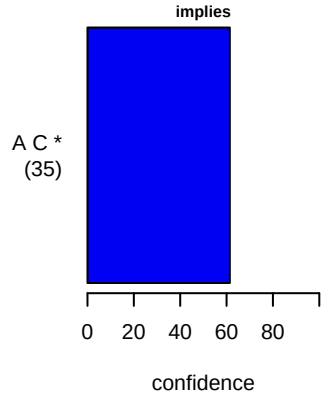
A,D,G,J,N,O,P (57)



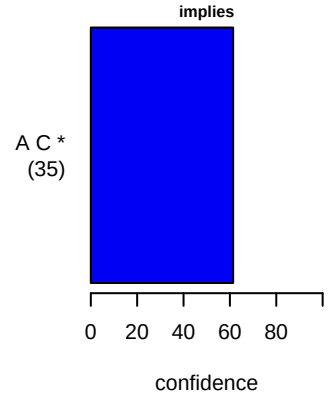
A,D,J,M,N,O,P (57)



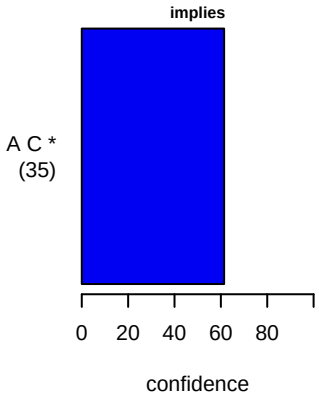
A,G,J,M,N,O,P (57)



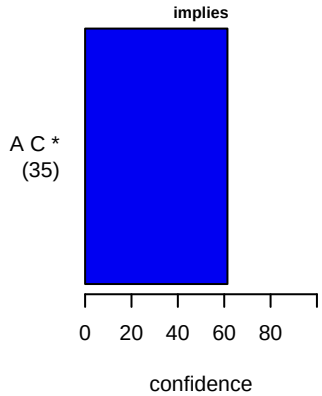
D,G,J,M,N,O,P (57)



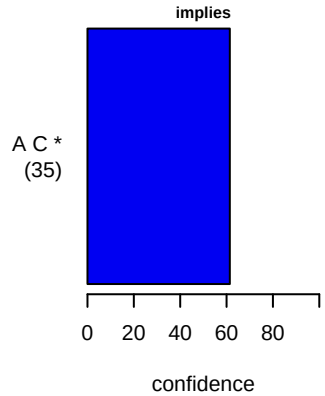
A,D,G,J,N,P (57)



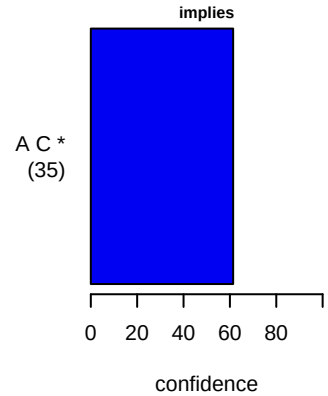
A,D,J,M,N,P (57)

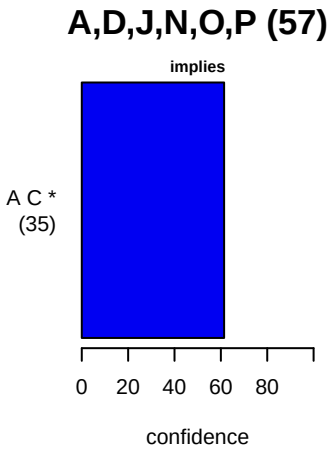


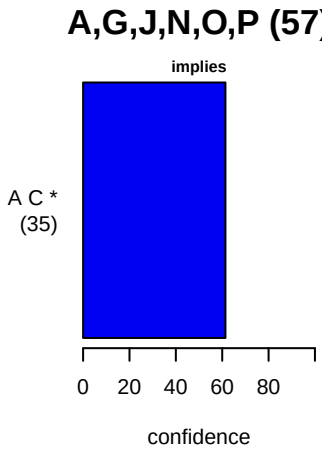
A,G,J,M,N,P (57)

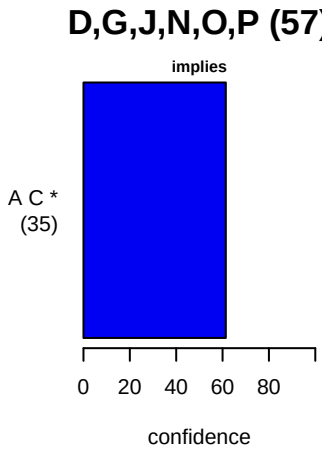


D,G,J,M,N,P (57)




A,D,J,N,O,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence


A,G,J,N,O,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence


D,G,J,N,O,P (57)
implies
A C *
(35)
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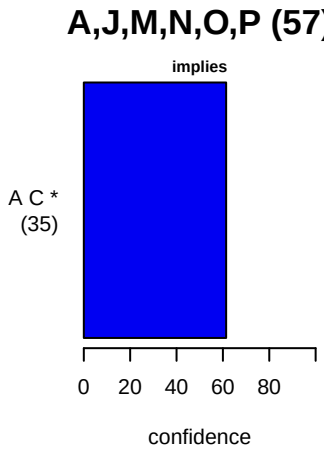
confidence


A,J,M,N,O,P (57)
implies
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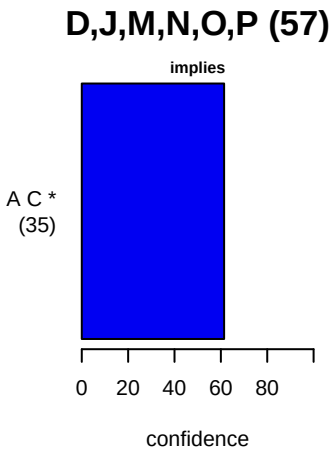
confidence


D,J,M,N,O,P (57)
implies
A C *
(35)
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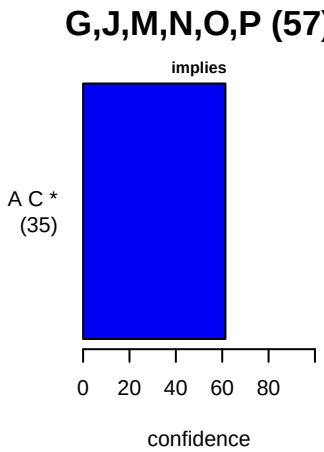
confidence


G,J,M,N,O,P (57)
implies
A C *
(35)
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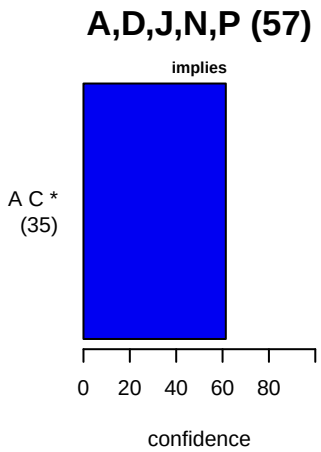
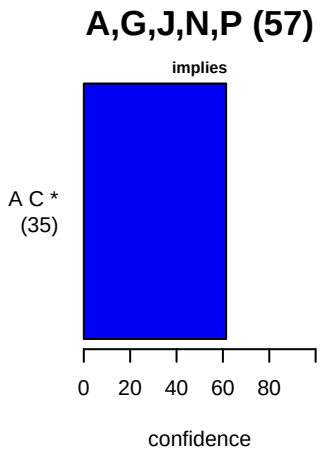
confidence


A,D,J,N,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence


A,G,J,N,P (57)
implies
A C *
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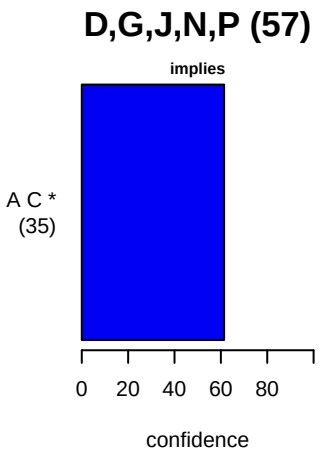
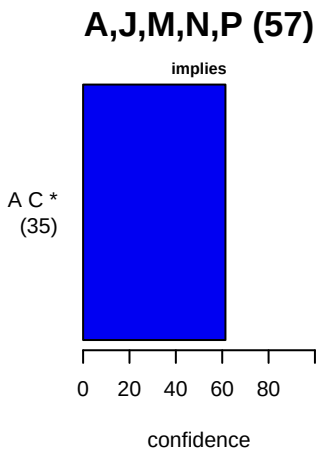
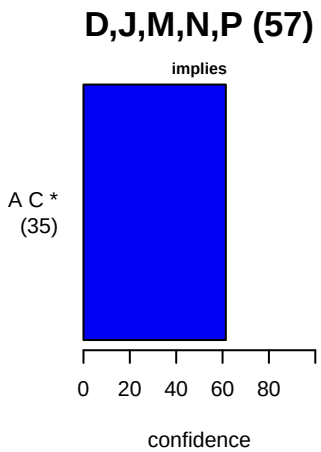
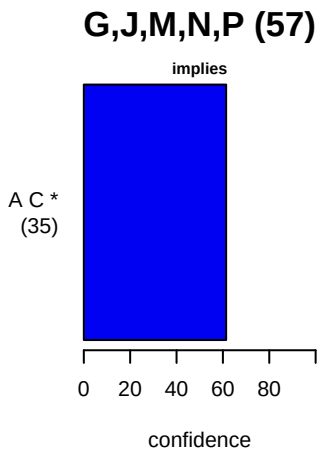

D,G,J,N,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence


A,J,M,N,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence


D,J,M,N,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence


G,J,M,N,P (57)
implies
A C *
(35)
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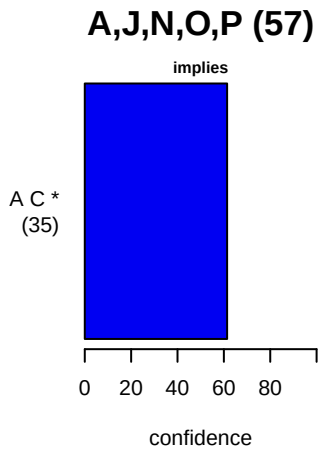
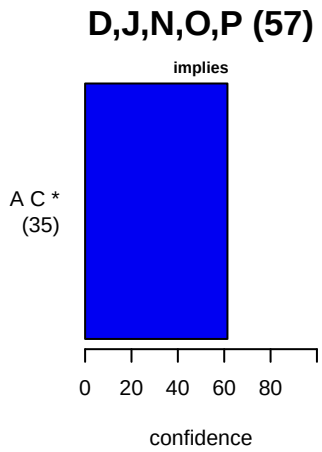
confidence


A,J,N,O,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence


D,J,N,O,P (57)
implies
A C *
(35)
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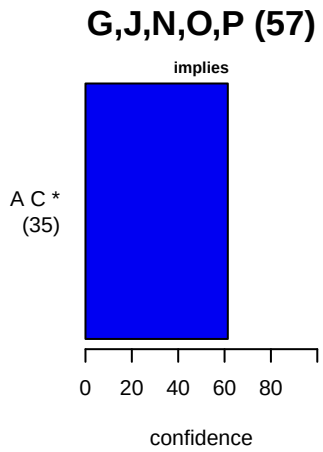
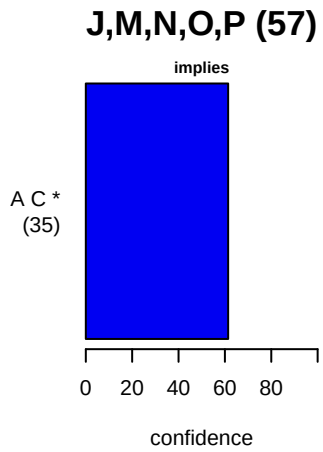
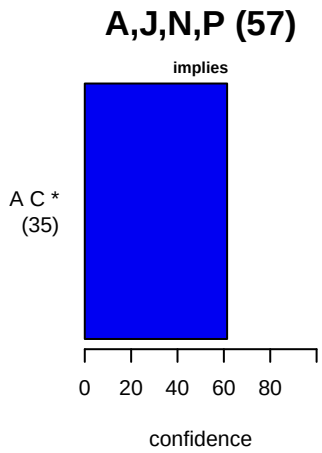
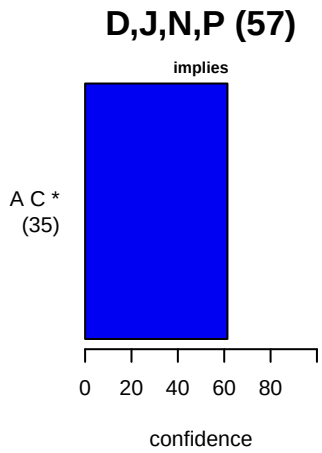
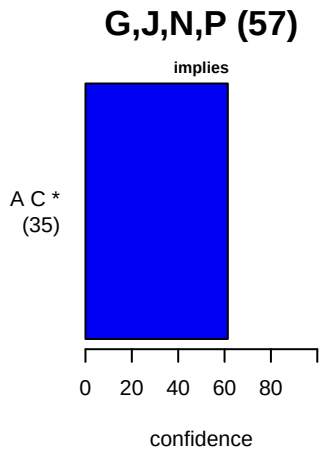
confidence

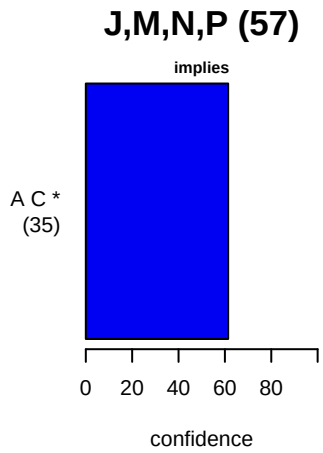

G,J,N,O,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence

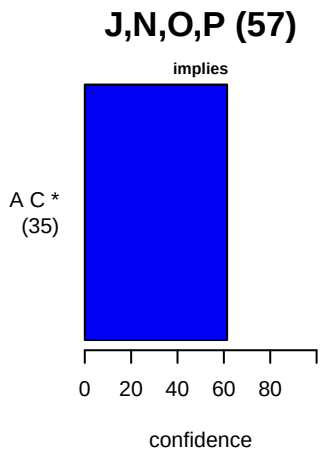

J,M,N,O,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence

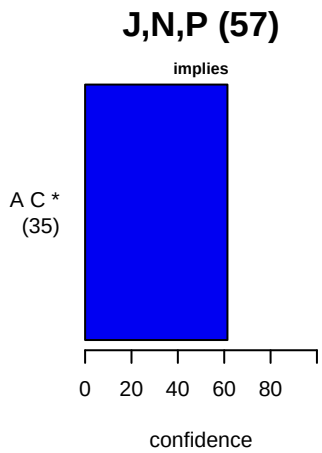

A,J,N,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence

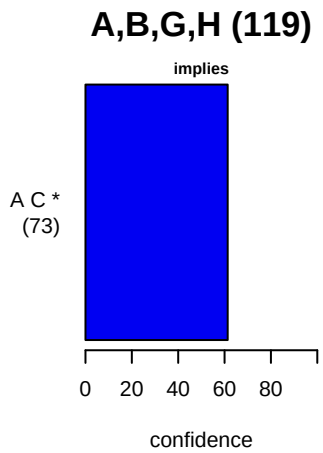

D,J,N,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence

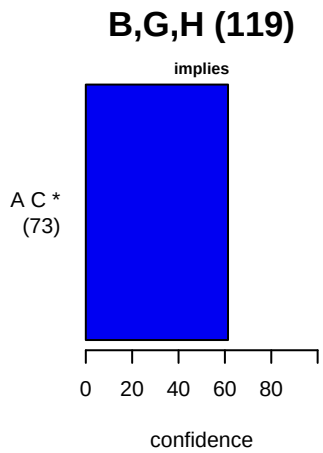

G,J,N,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence


J,M,N,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence

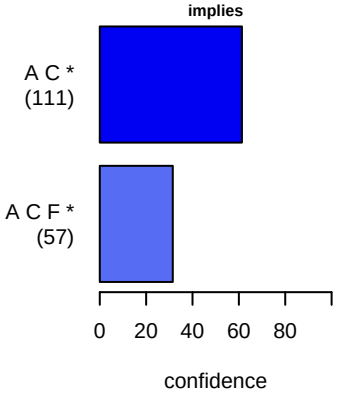

J,N,O,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence


J,N,P (57)
implies
A C *
(35)
0 20 40 60 80
confidence

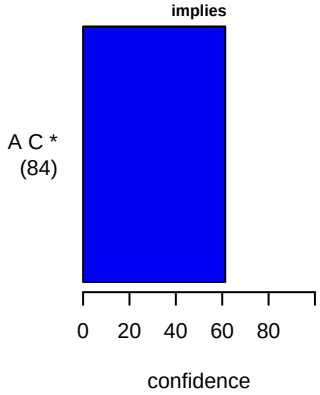

A,B,G,H (119)
implies
A C *
(73)
0 20 40 60 80
confidence


B,G,H (119)
implies
A C *
(73)
0 20 40 60 80
confidence

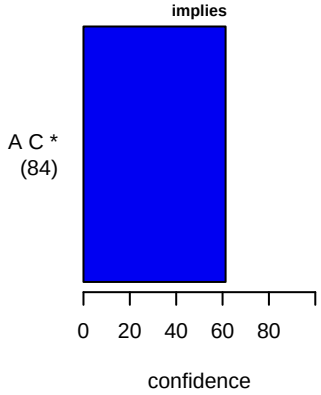
D,I,M (181)



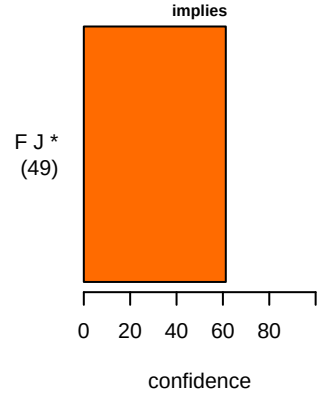
D,G,H,J,O (137)



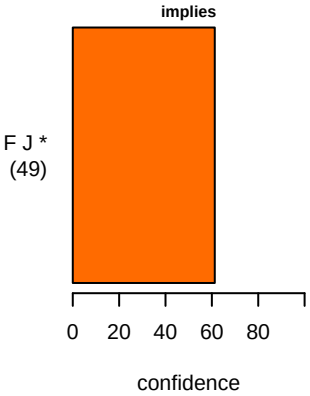
D,H,J,O (137)



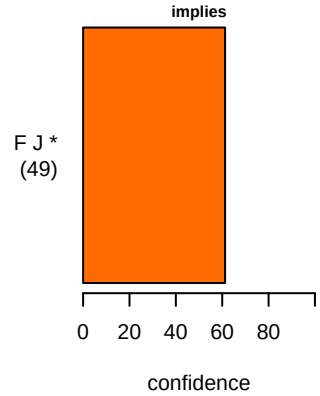
D1,P1,Q1,R1 (80)



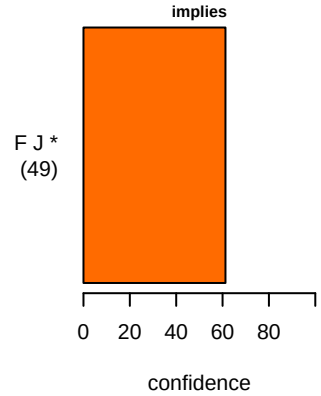
P1,Q1,R1 (80)



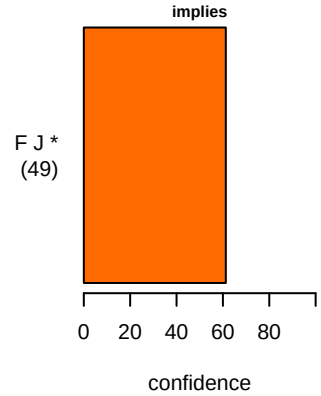
D1,P1,R1 (80)



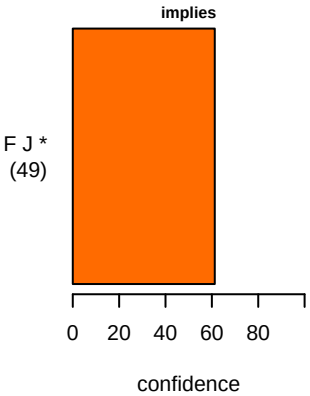
D1,P1,Q1 (80)



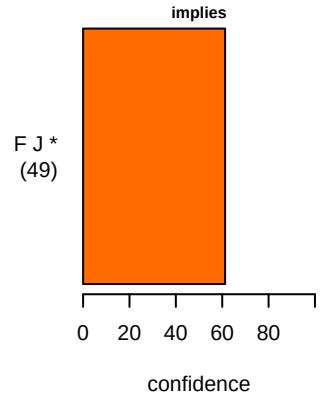
P1,R1 (80)



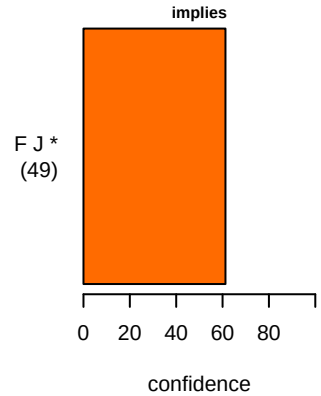
P1,Q1 (80)



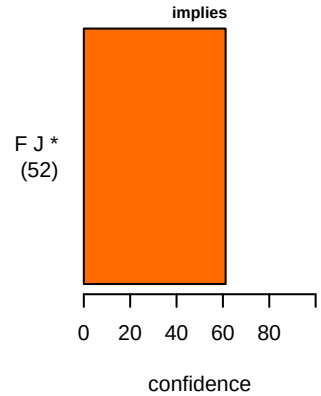
D1,P1 (80)



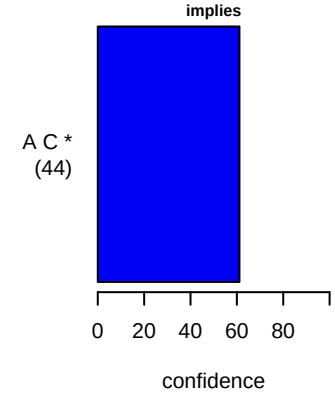
P1 (80)



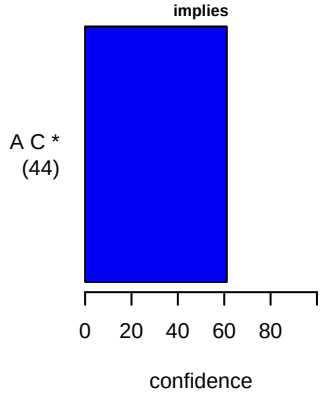
L1 (85)



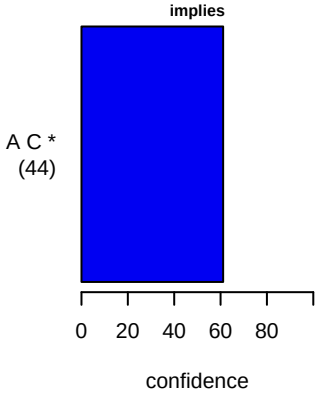
A,B,M,O,P (72)



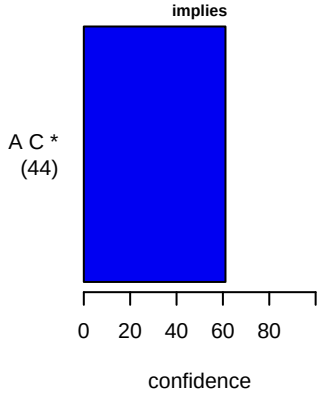
A,B,O,P (72)



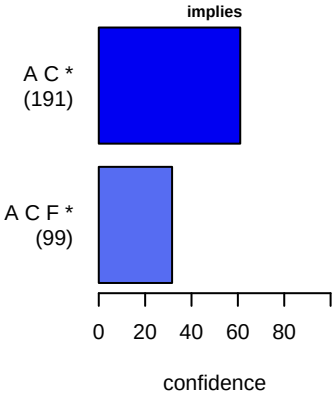
B,M,O,P (72)



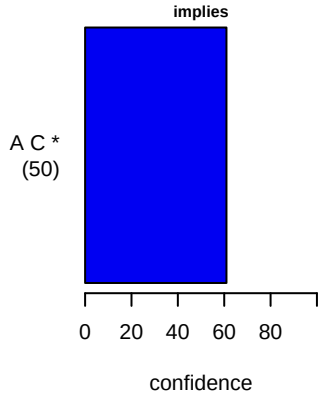
B,O,P (72)



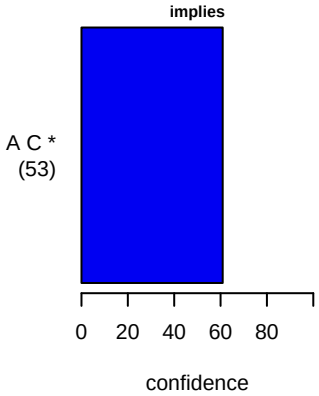
A,G,O (313)



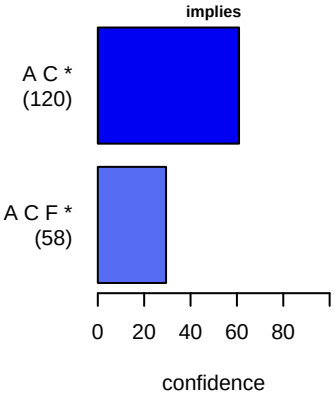
G,M,X1 (82)



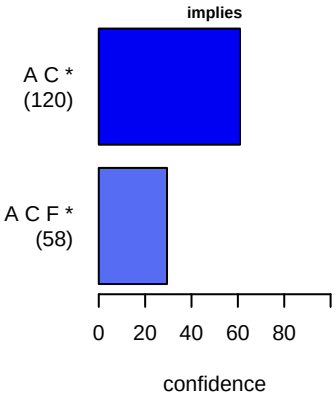
A,D,G,O,U (87)



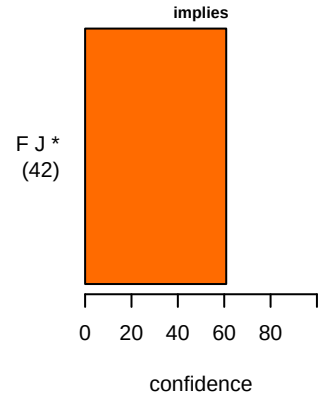
G,J,M (197)



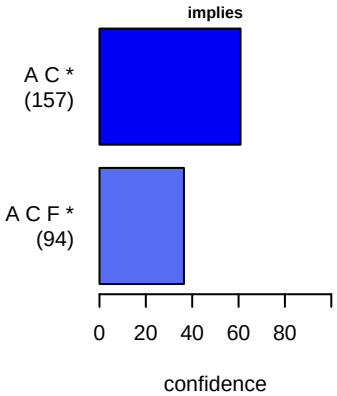
J,M (197)



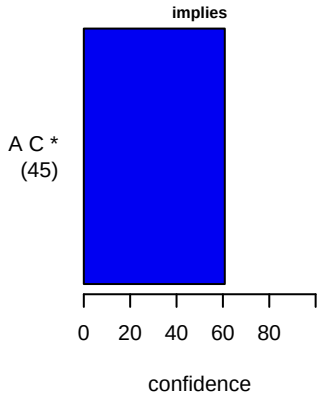
Q1,X1 (69)



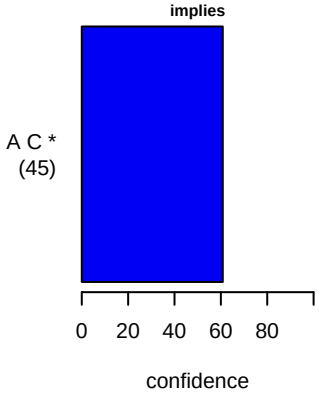
A,D,G,O (258)



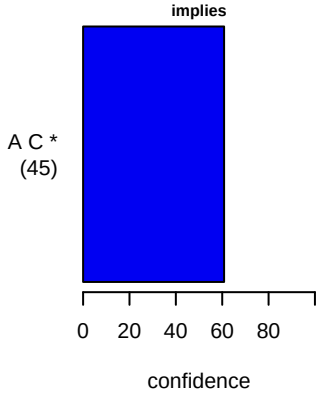
A,I,M,O,P (74)



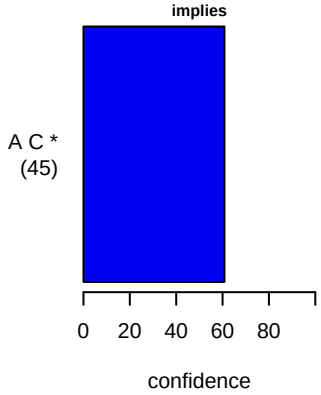
A,I,O,P (74)



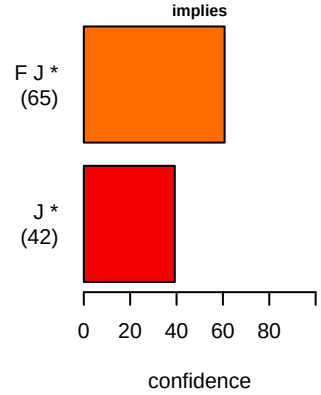
I,M,O,P (74)



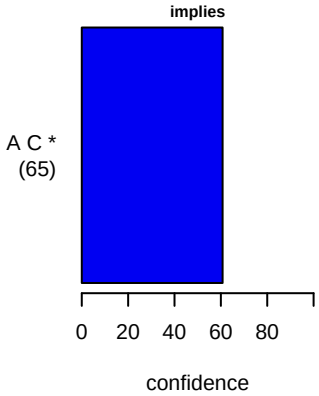
I,O,P (74)



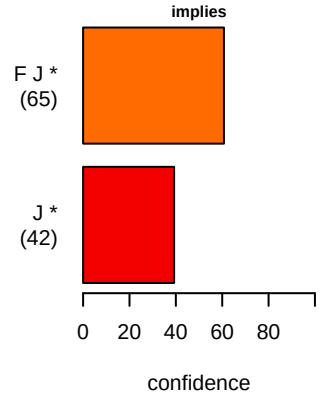
D1,K1,Q1,R1,U1 (107)



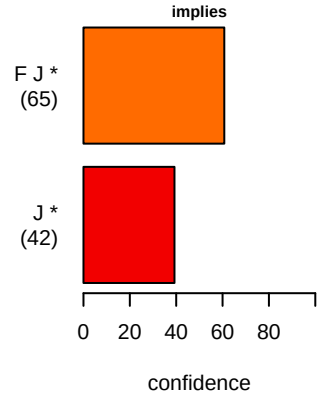
G,H,N,O (107)



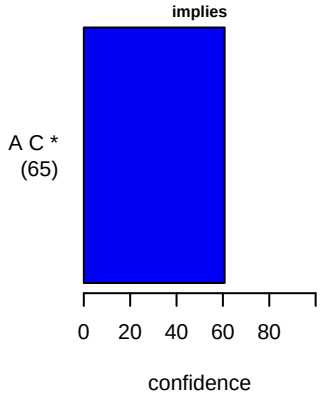
K1,Q1,R1,U1 (107)



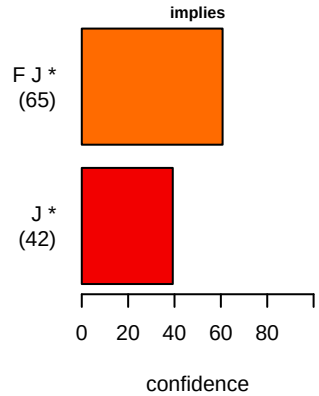
D1,K1,Q1,U1 (107)



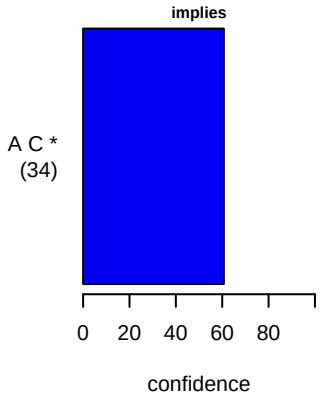
H,N,O (107)



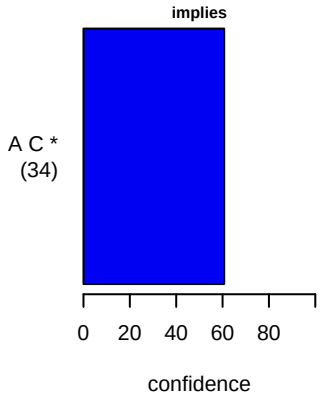
K1,Q1,U1 (107)



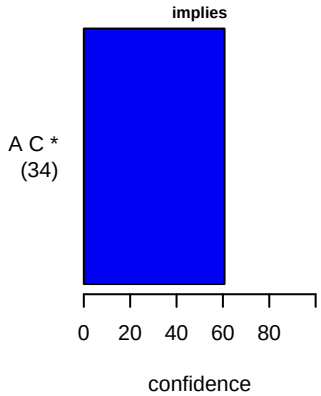
A,D,G,J,M,N,U (56)



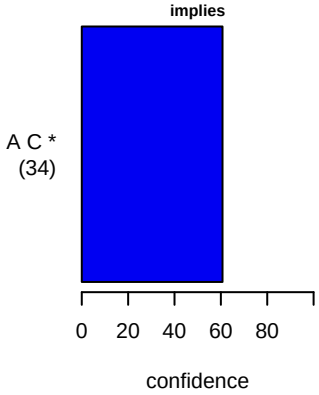
A,D,J,M,N,U (56)



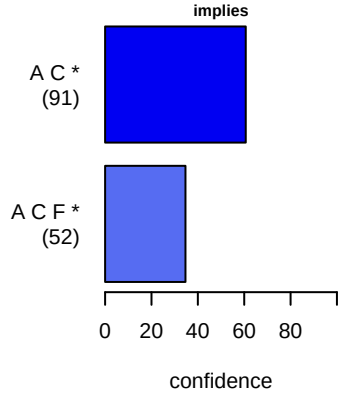
A,G,J,M,N,U (56)



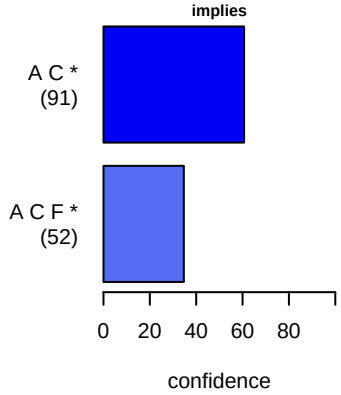
A,J,M,N,U (56)



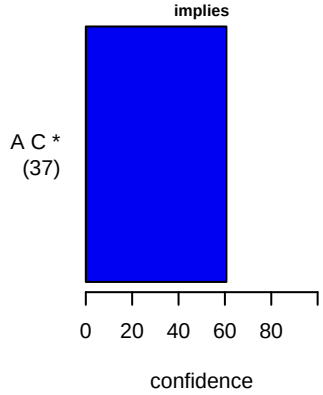
D,G,J,M,O (150)



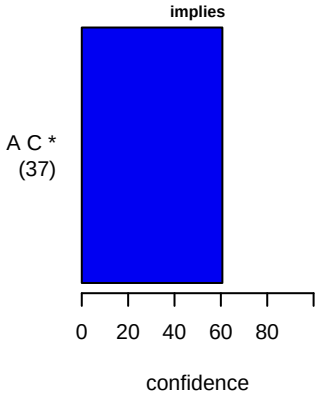
D,J,M,O (150)



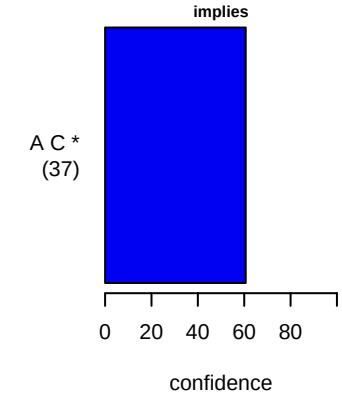
A,D,G,J,M,O,P (61)



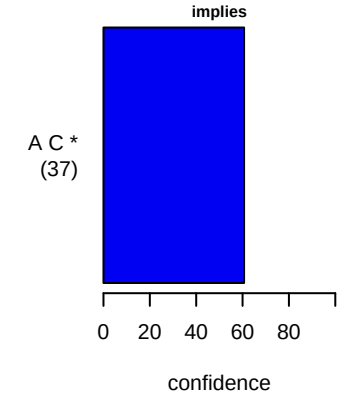
A,D,G,J,M,P (61)



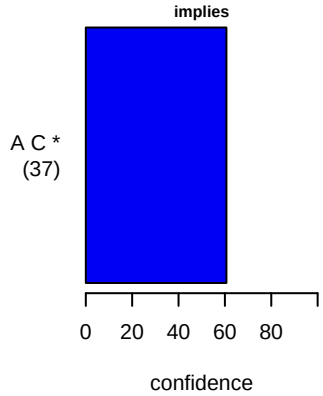
A,D,G,J,O,P (61)



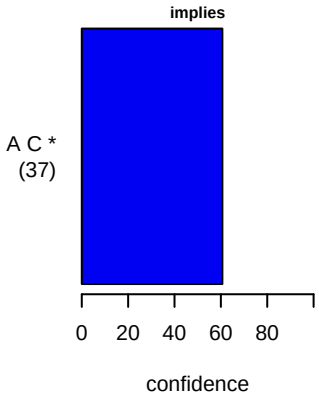
A,D,J,M,O,P (61)



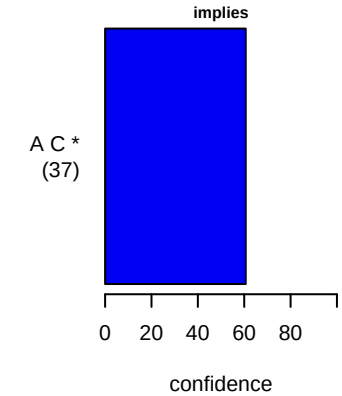
D,G,J,M,O,P (61)



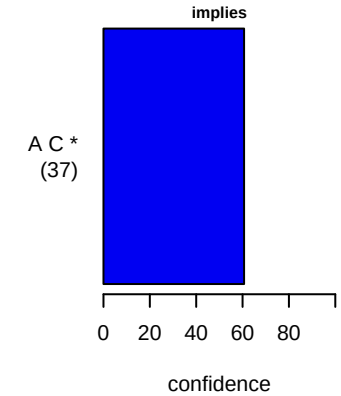
A,D,G,J,P (61)



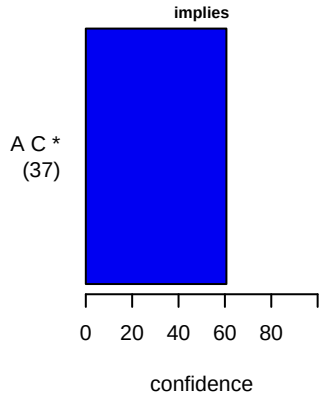
A,D,J,M,P (61)



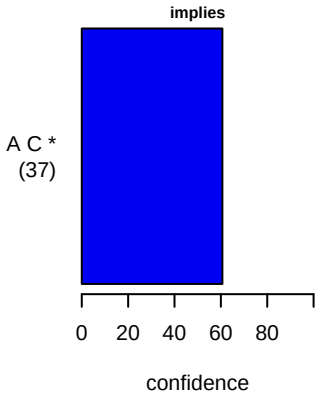
D,G,J,M,P (61)



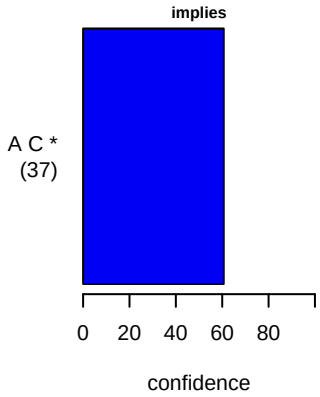
A,D,J,O,P (61)



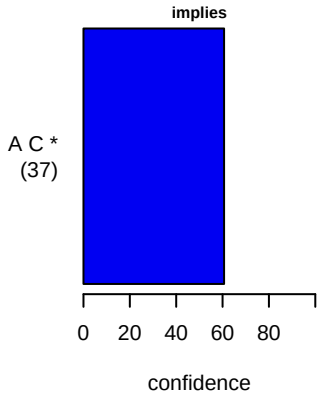
D,G,J,O,P (61)



D,J,M,O,P (61)



A,D,J,P (61)



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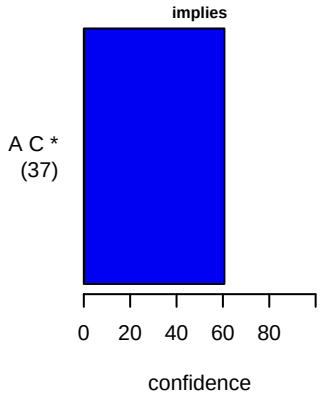

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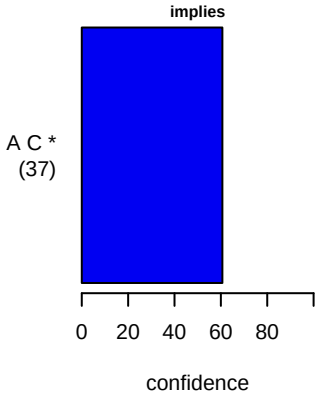
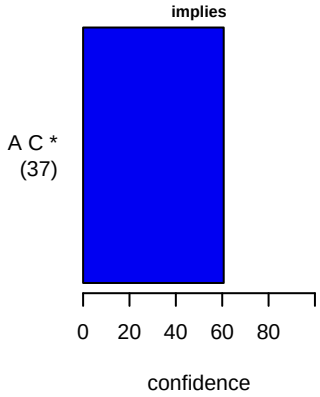
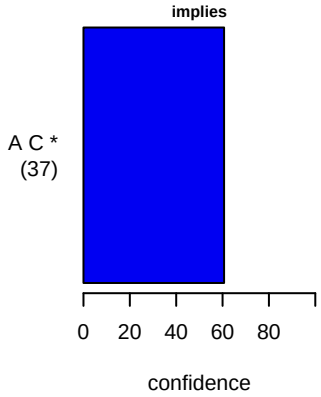


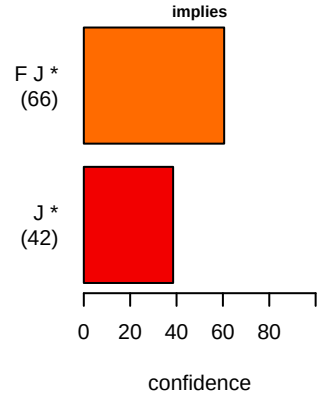
D,J,O,P (61)



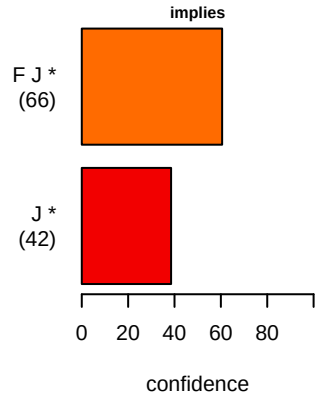
D,J,P (61)



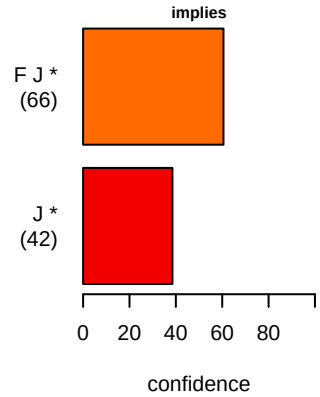
D1,Q1,R1,U1 (109)



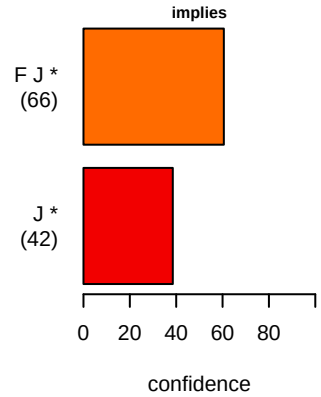
Q1,R1,U1 (109)



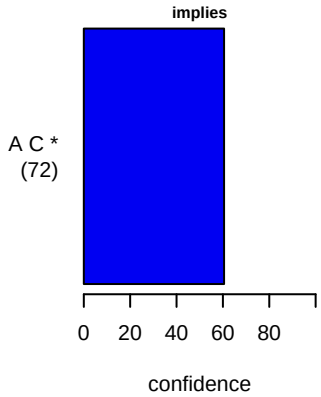
D1,Q1,U1 (109)



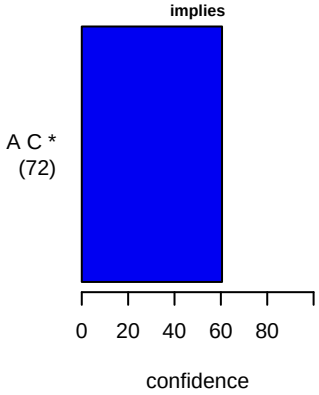
Q1,U1 (109)



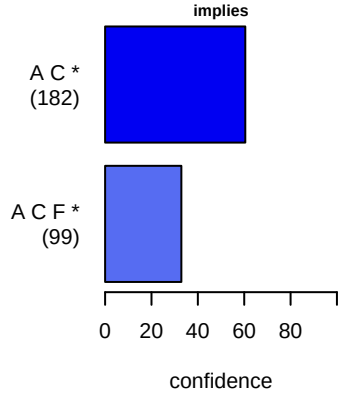
D,G,H,I (119)



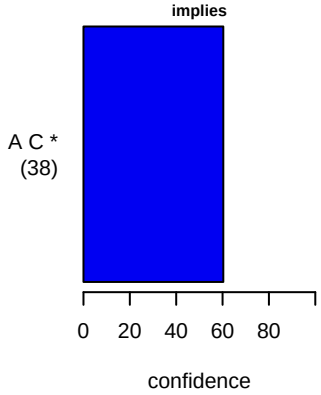
D,H,I (119)



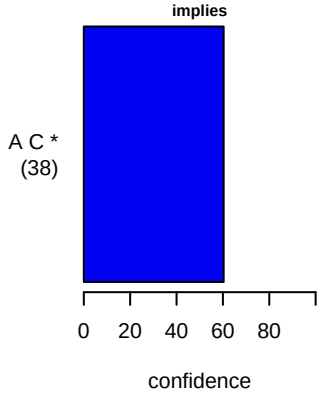
A,G,M,O (301)



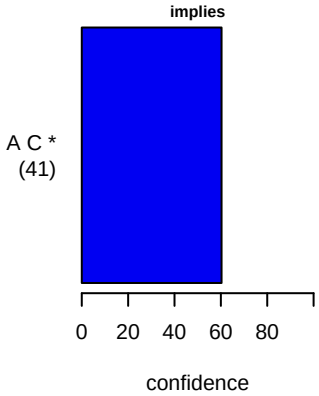
A,I,M,X1 (63)



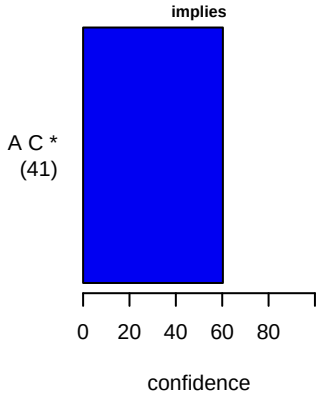
I,M,X1 (63)



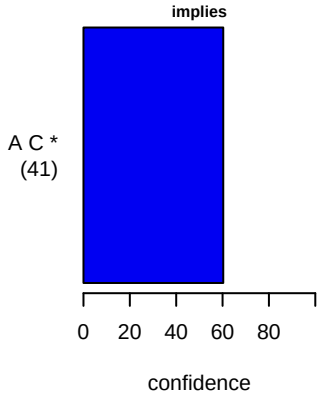
A,G,J,M,O,P (68)



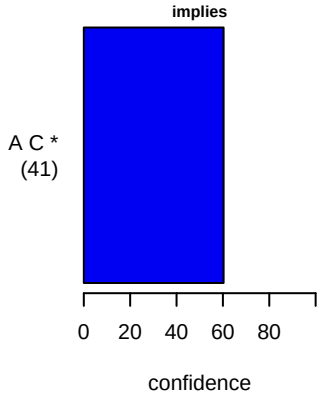
A,G,J,M,P (68)



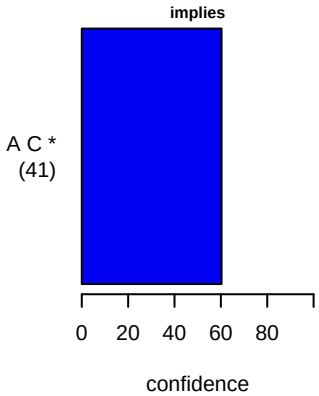
A,G,J,O,P (68)



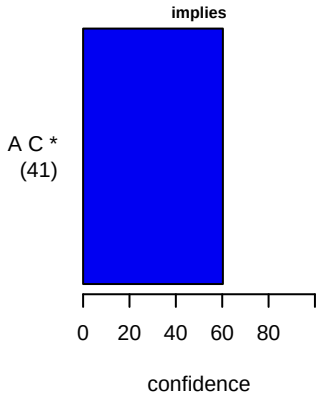
A,J,M,O,P (68)



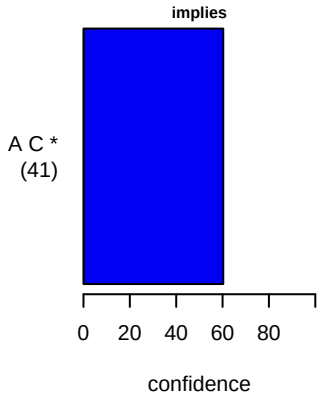
G,J,M,O,P (68)



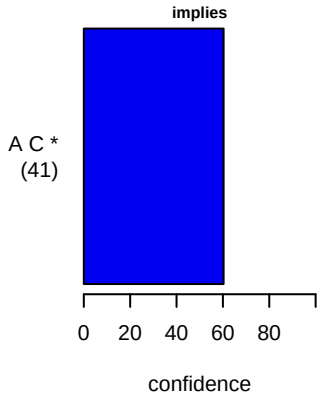
A,G,J,P (68)

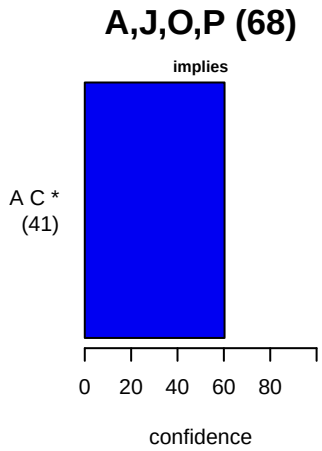


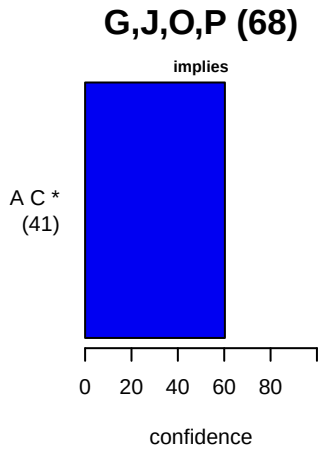
A,J,M,P (68)

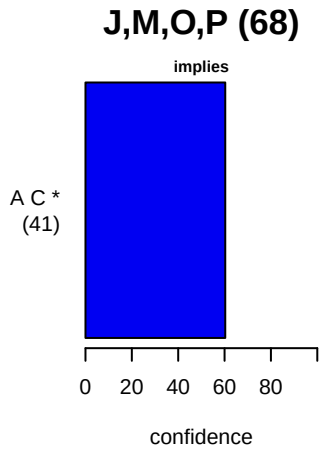


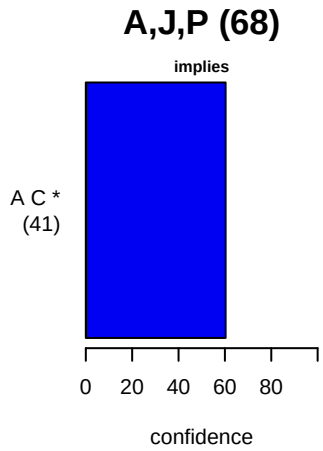
G,J,M,P (68)

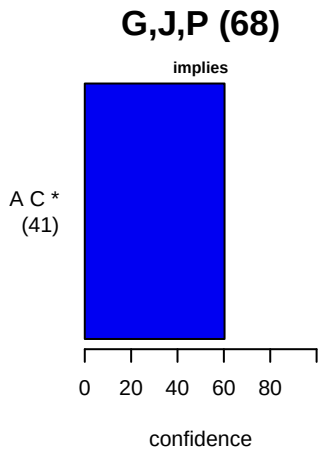


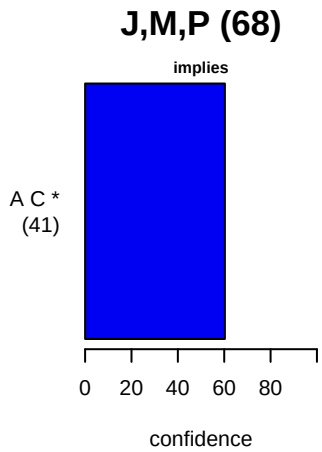

A,J,O,P (68)
implies
A C *
(41)
0 20 40 60 80
confidence

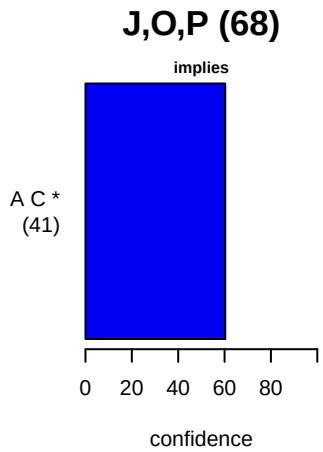

G,J,O,P (68)
implies
A C *
(41)
0 20 40 60 80
confidence

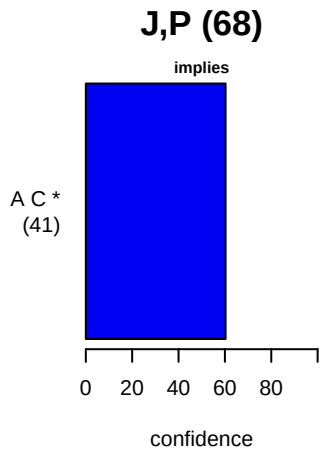

J,M,O,P (68)
implies
A C *
(41)
0 20 40 60 80
confidence

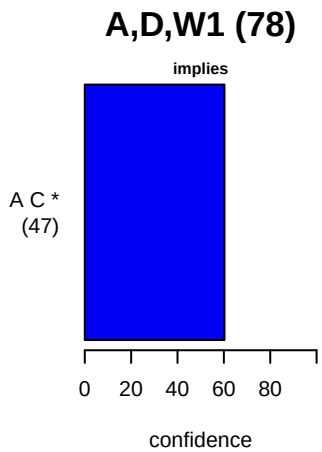

A,J,P (68)
implies
A C *
(41)
0 20 40 60 80
confidence

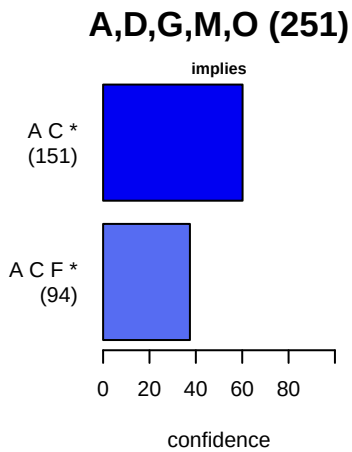

G,J,P (68)
implies
A C *
(41)
0 20 40 60 80
confidence

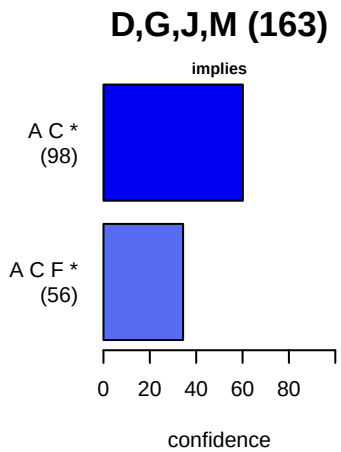

J,M,P (68)
implies
A C *
(41)
0 20 40 60 80
confidence

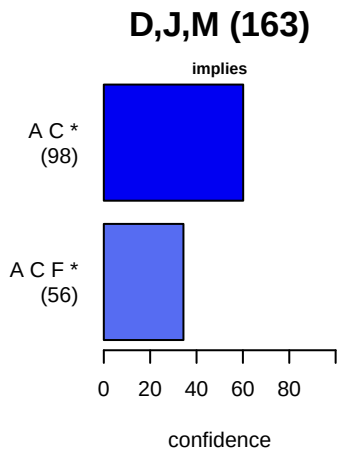

J,O,P (68)
implies
A C *
(41)
0 20 40 60 80
confidence

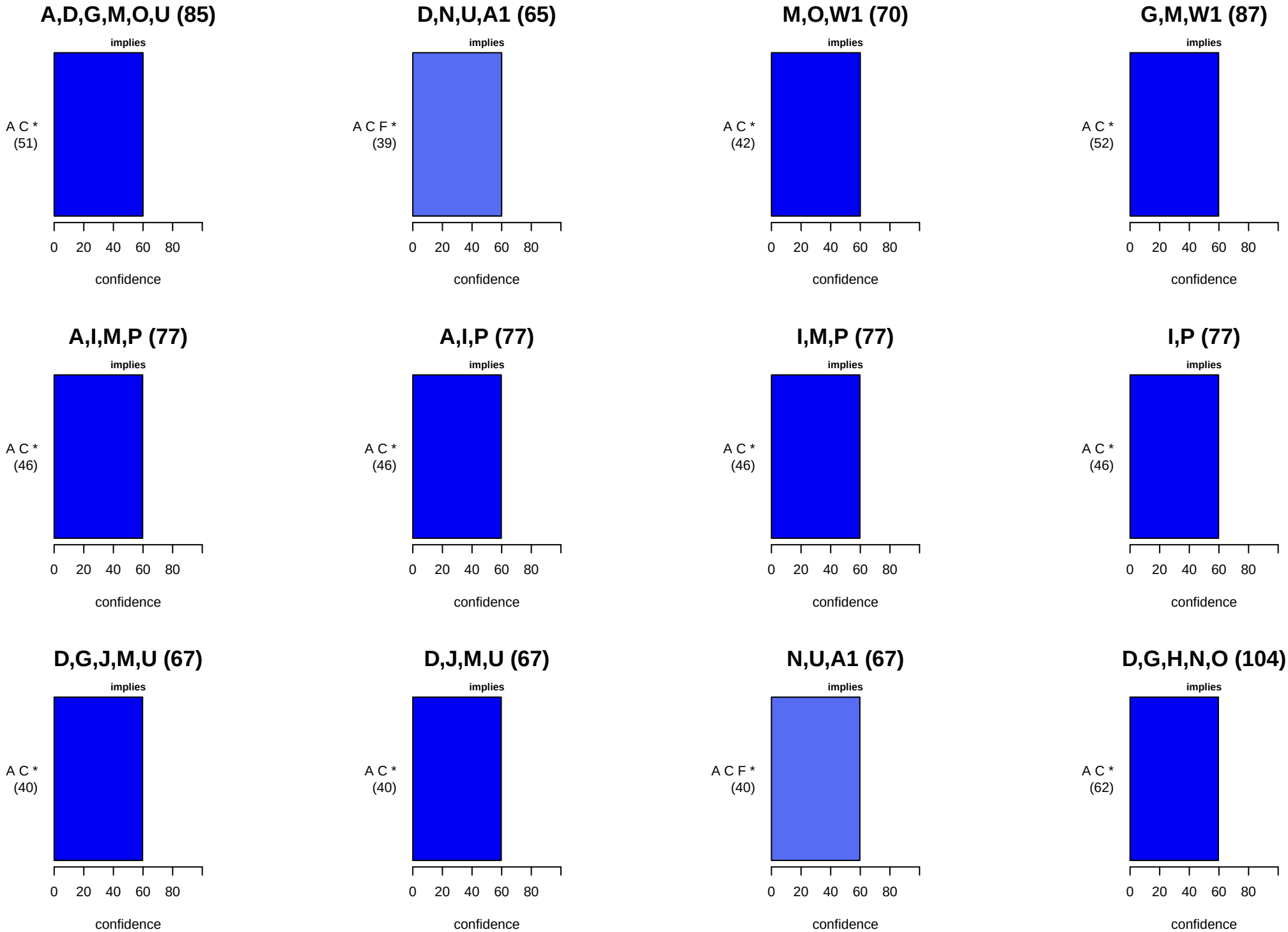

J,P (68)
implies
A C *
(41)
0 20 40 60 80
confidence

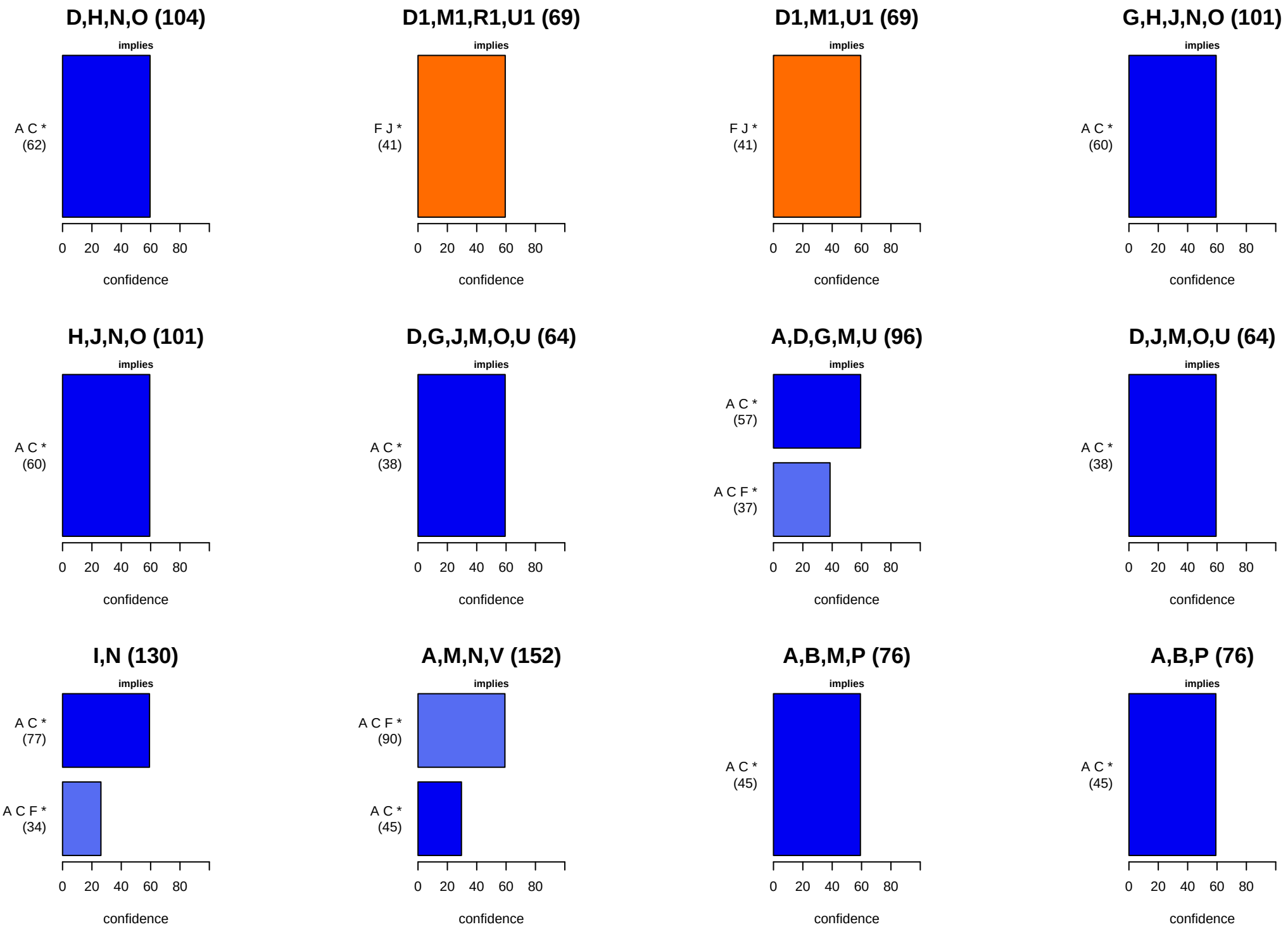

A,D,W1 (78)
implies
A C *
(47)
0 20 40 60 80
confidence


A,D,G,M,O (251)
implies
A C *
(151)
A C F *
(94)
0 20 40 60 80
confidence

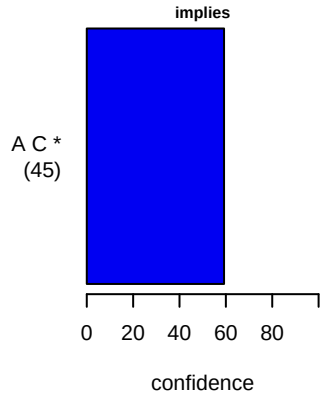

D,G,J,M (163)
implies
A C *
(98)
A C F *
(56)
0 20 40 60 80
confidence


D,J,M (163)
implies
A C *
(98)
A C F *
(56)
0 20 40 60 80
confidence

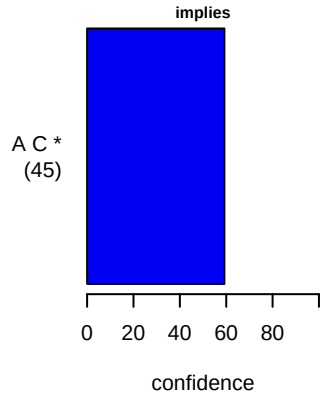

A,D,G,M,O,U (85)
implies
A C *
(51)
0 20 40 60 80
confidence
D,N,U,A1 (65)
implies
A C F *
(39)
0 20 40 60 80
confidence
M,O,W1 (70)
implies
A C *
(42)
0 20 40 60 80
confidence
G,M,W1 (87)
implies
A C *
(52)
0 20 40 60 80
confidence
A,I,M,P (77)
implies
A C *
(46)
0 20 40 60 80
confidence
A,I,P (77)
implies
A C *
(46)
0 20 40 60 80
confidence
I,M,P (77)
implies
A C *
(46)
0 20 40 60 80
confidence
I,P (77)
implies
A C *
(46)
0 20 40 60 80
confidence
D,G,J,M,U (67)
implies
A C *
(40)
0 20 40 60 80
confidence
D,J,M,U (67)
implies
A C *
(40)
0 20 40 60 80
confidence
N,U,A1 (67)
implies
A C F *
(40)
0 20 40 60 80
confidence
D,G,H,N,O (104)
implies
A C *
(62)
0 20 40 60 80
confidence


D,H,N,O (104)
implies
A C *
(62)
0 20 40 60 80
confidence
D1,M1,R1,U1 (69)
implies
F J *
(41)
0 20 40 60 80
confidence
D1,M1,U1 (69)
implies
F J *
(41)
0 20 40 60 80
confidence
G,H,J,N,O (101)
implies
A C *
(60)
0 20 40 60 80
confidence
H,J,N,O (101)
implies
A C *
(60)
0 20 40 60 80
confidence
D,G,J,M,O,U (64)
implies
A C *
(38)
0 20 40 60 80
confidence
A,D,G,M,U (96)
implies
A C *
(57)
A C F *
(37)
0 20 40 60 80
confidence
D,J,M,O,U (64)
implies
A C *
(38)
0 20 40 60 80
confidence
I,N (130)
implies
A C *
(77)
A C F *
(34)
0 20 40 60 80
confidence
A,M,N,V (152)
implies
A C F *
(90)
A C *
(45)
0 20 40 60 80
confidence
A,B,M,P (76)
implies
A C *
(45)
0 20 40 60 80
confidence
A,B,P (76)
implies
A C *
(45)
0 20 40 60 80
confidence

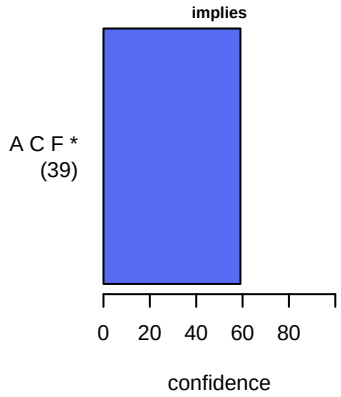
B,M,P (76)



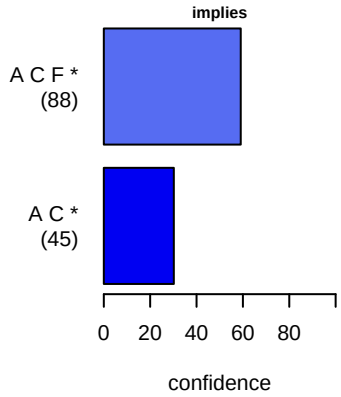
B,P (76)



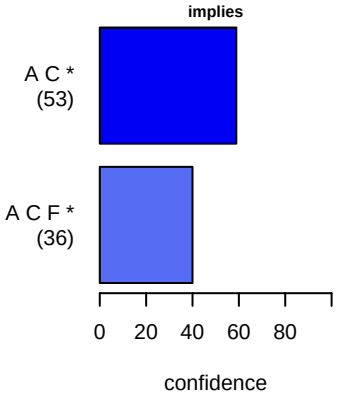
A,N,U,V (66)



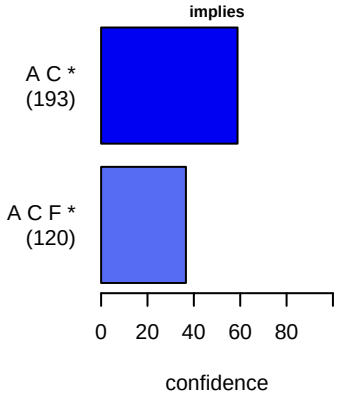
A,D,M,N,V (149)



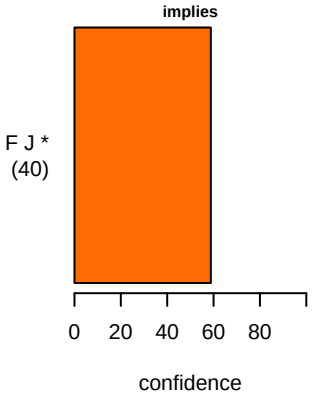
A,G,O,U (90)



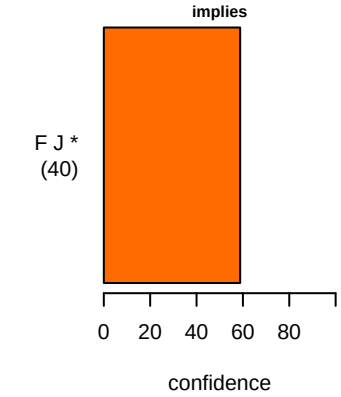
A,D,G,M (328)



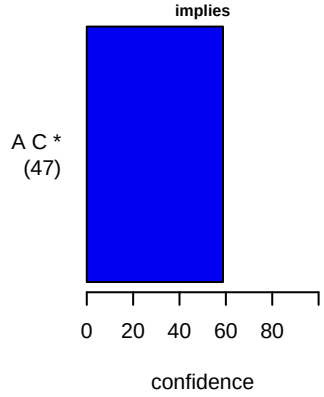
D1,K1,M1,R1,U1 (68)



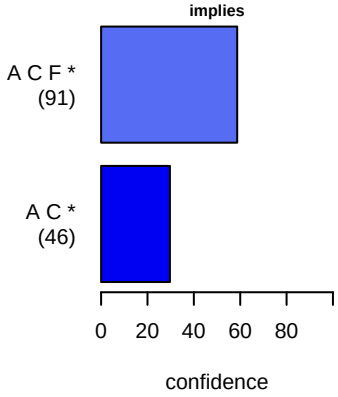
D1,K1,M1,U1 (68)



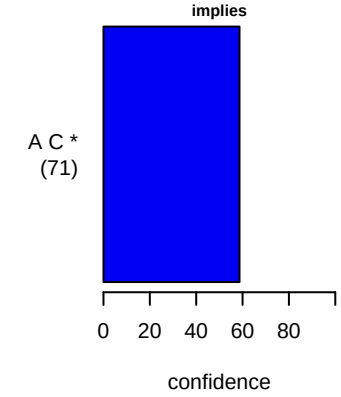
G,O,W1 (80)



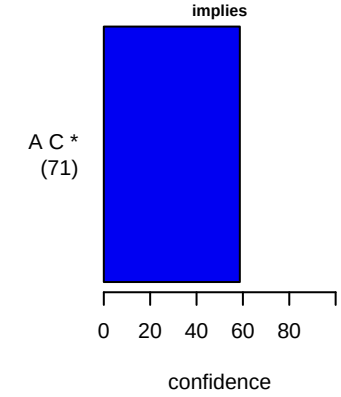
A,D,M,V (155)

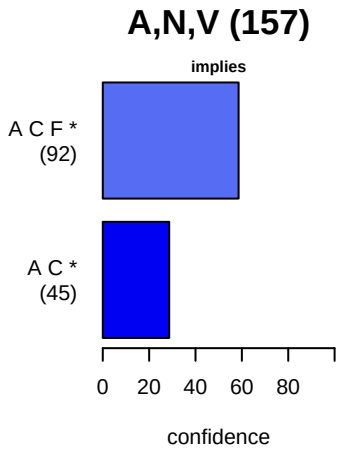


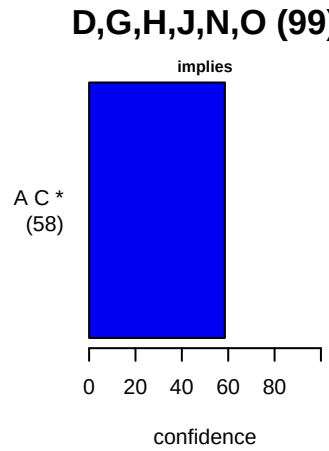
G,H,I,J (121)

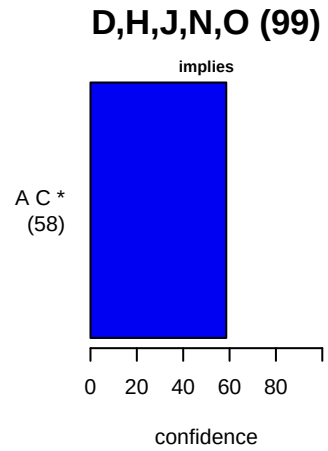


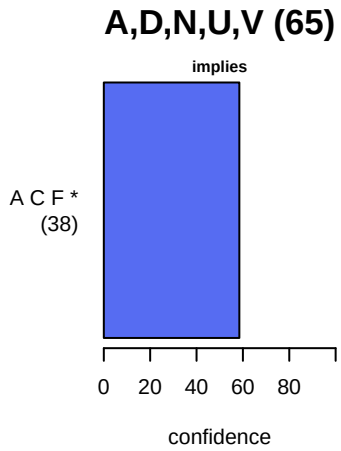
H,I,J (121)

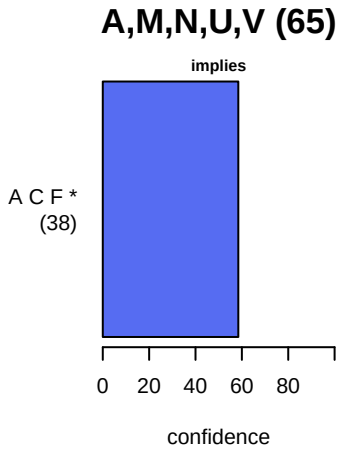


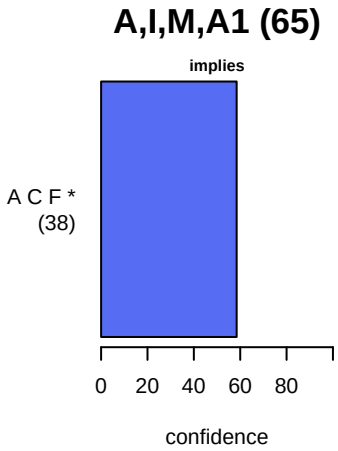

A,N,V (157)
implies
A C F *
(92)
A C *
(45)
0 20 40 60 80
confidence

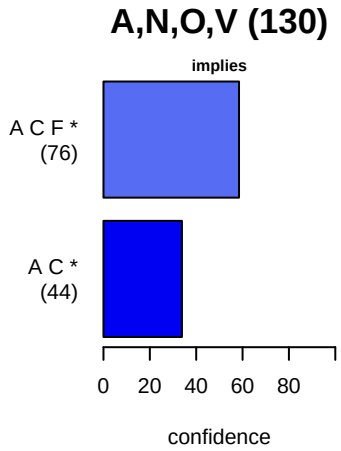

D,G,H,J,N,O (99)
implies
A C *
(58)
0 20 40 60 80
confidence

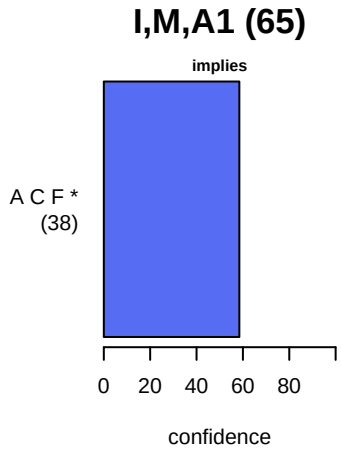

D,H,J,N,O (99)
implies
A C *
(58)
0 20 40 60 80
confidence

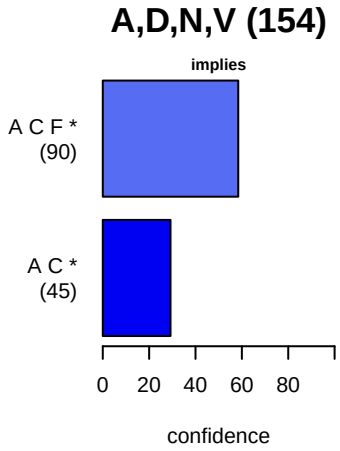

A,D,N,U,V (65)
implies
A C F *
(38)
0 20 40 60 80
confidence

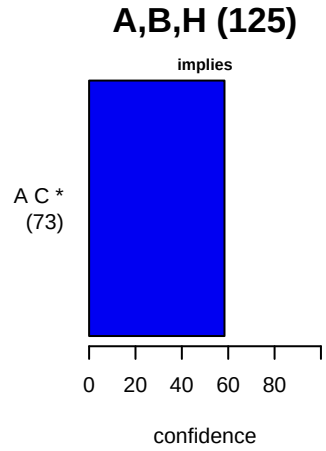

A,M,N,U,V (65)
implies
A C F *
(38)
0 20 40 60 80
confidence

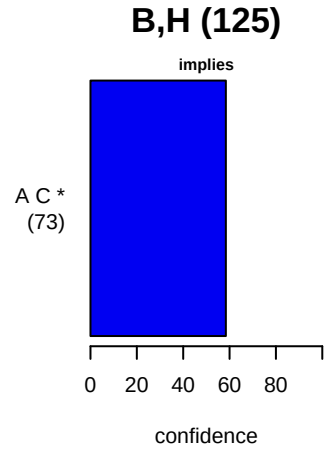

A,I,M,A1 (65)
implies
A C F *
(38)
0 20 40 60 80
confidence

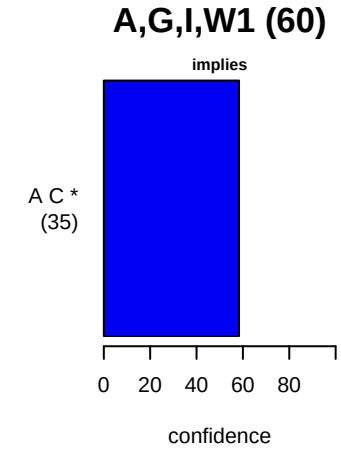

A,N,O,V (130)
implies
A C F *
(76)
A C *
(44)
0 20 40 60 80
confidence


I,M,A1 (65)
implies
A C F *
(38)
0 20 40 60 80
confidence

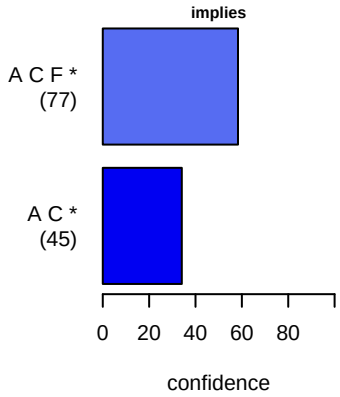

A,D,N,V (154)
implies
A C F *
(90)
A C *
(45)
0 20 40 60 80
confidence


A,B,H (125)
implies
A C *
(73)
0 20 40 60 80
confidence

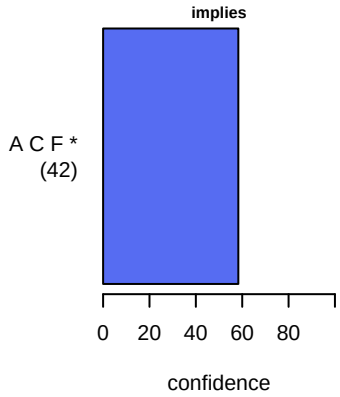

B,H (125)
implies
A C *
(73)
0 20 40 60 80
confidence


A,G,I,W1 (60)
implies
A C *
(35)
0 20 40 60 80
confidence

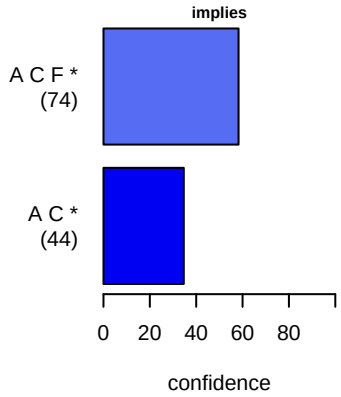
A,D,O,V (132)



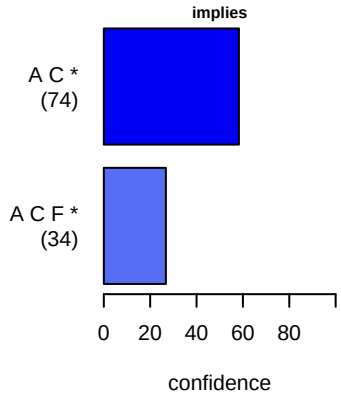
D,U,A1 (72)



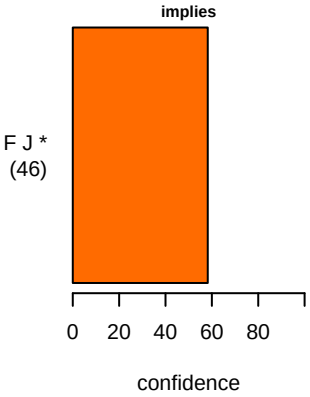
A,D,N,O,V (127)



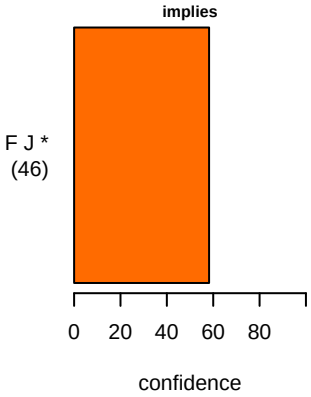
D,I,N (127)



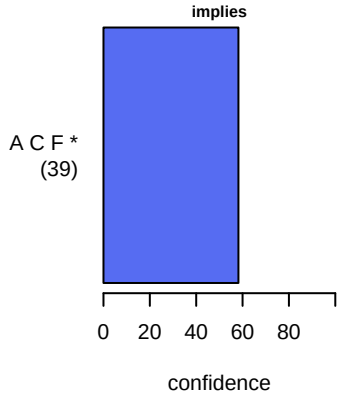
K1,R1,U1,X1 (79)



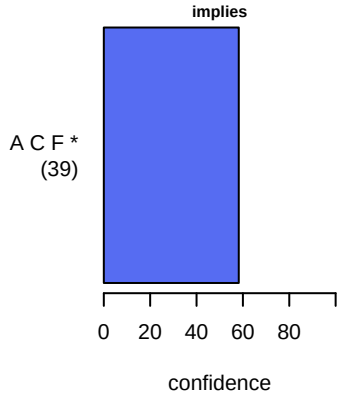
R1,U1,X1 (79)



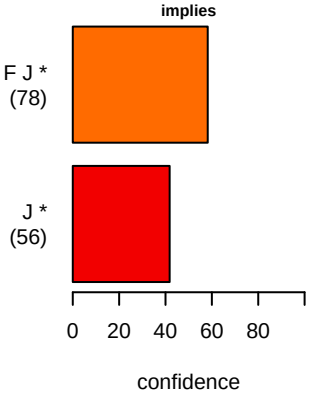
M,N,O,U,V (67)



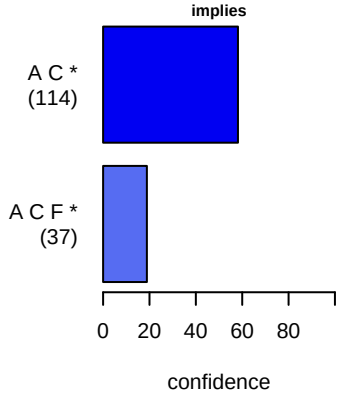
A,D,U,V (67)



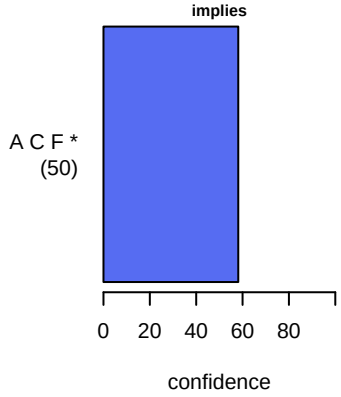
D1,K1,R1,U1 (134)



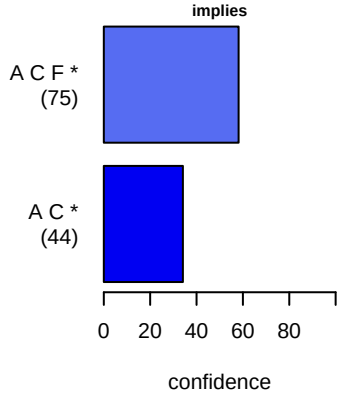
D,G,I (196)



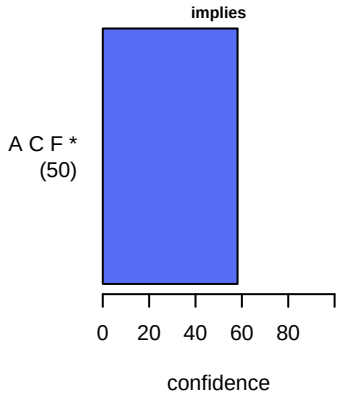
A,G,M,N,V (86)



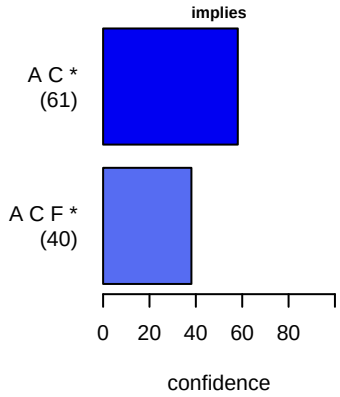
A,M,N,O,V (129)



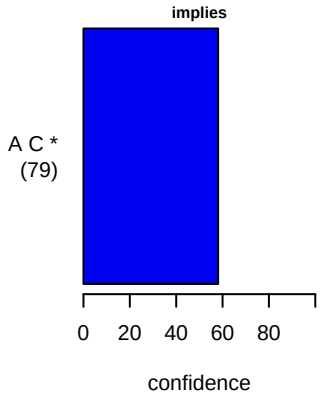
A,G,N,V (86)



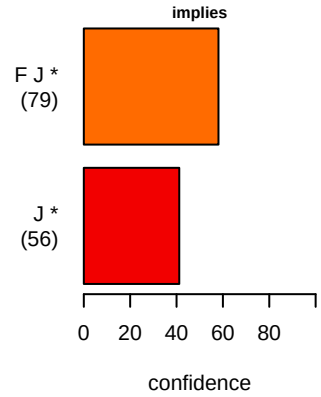
A,D,G,U (105)



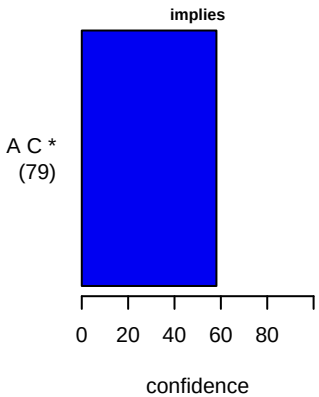
G,I,J (136)



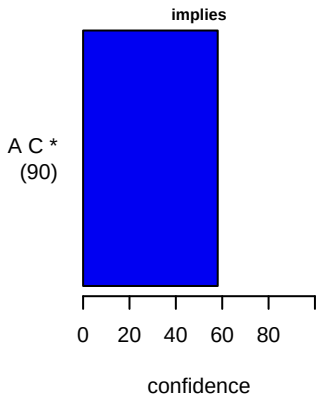
D1,R1,U1 (136)



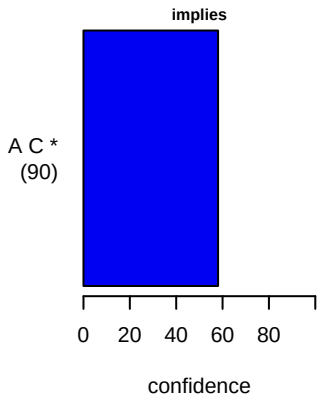
I,J (136)



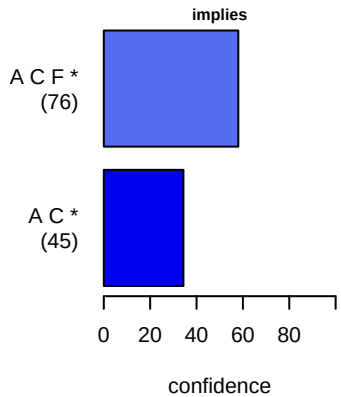
A,B,G (155)



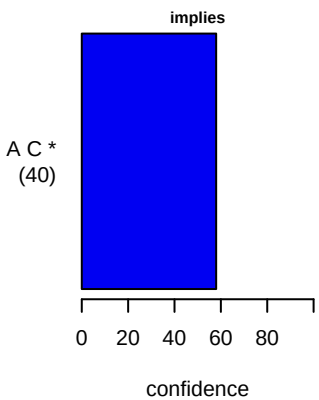
B,G (155)



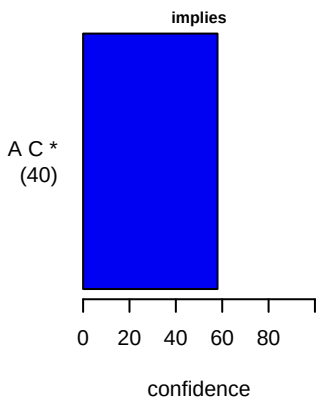
A,D,M,O,V (131)



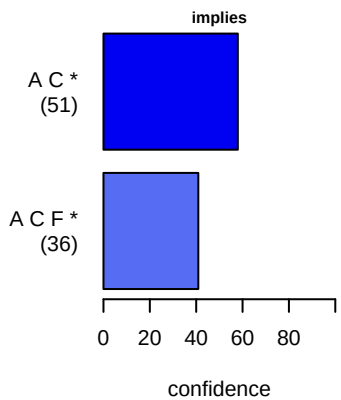
G,J,M,U (69)



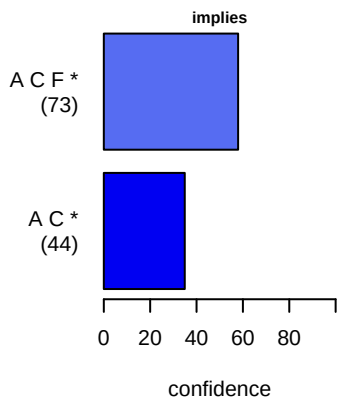
J,M,U (69)



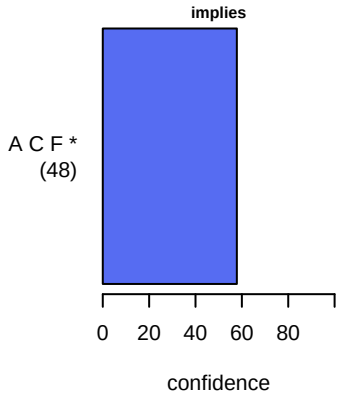
A,G,M,O,U (88)



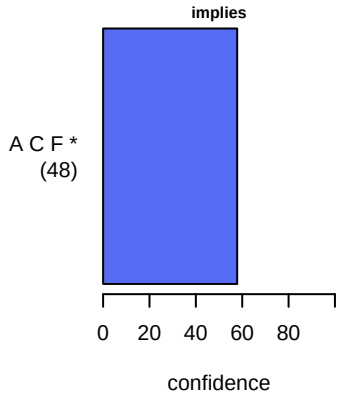
A,D,M,N,O,V (126)



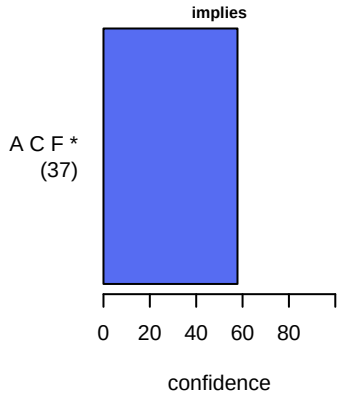
A,D,G,M,N,V (83)



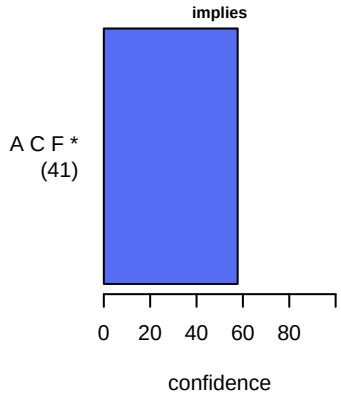
A,D,G,N,V (83)



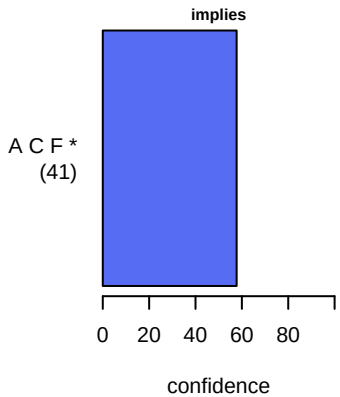
A,D,M,N,U,V (64)



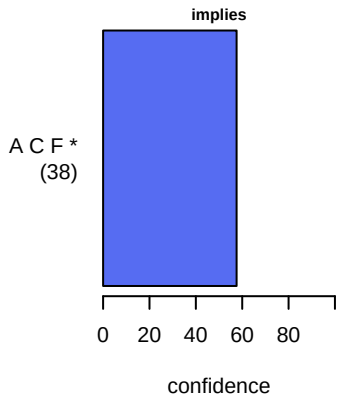
M,O,U,V (71)



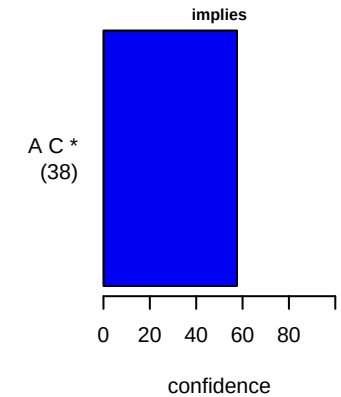
A,U,V (71)



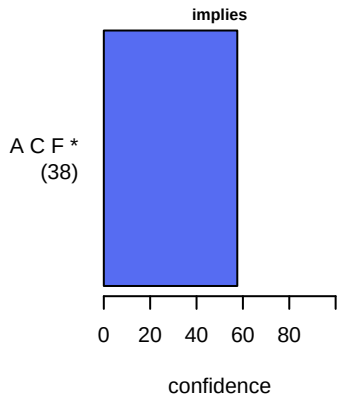
D,M,N,O,U,V (66)



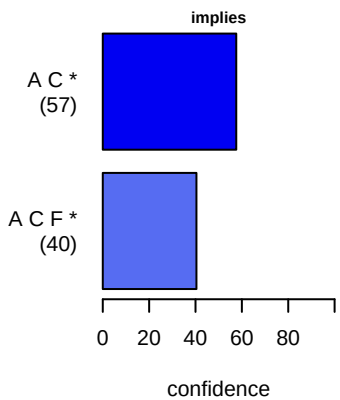
G,J,M,O,U (66)



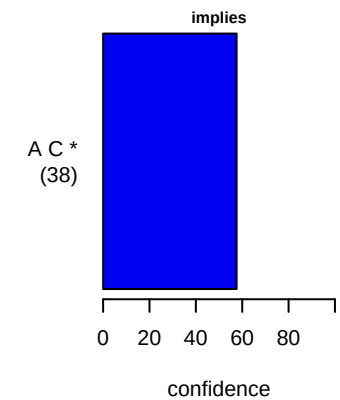
A,D,M,U,V (66)



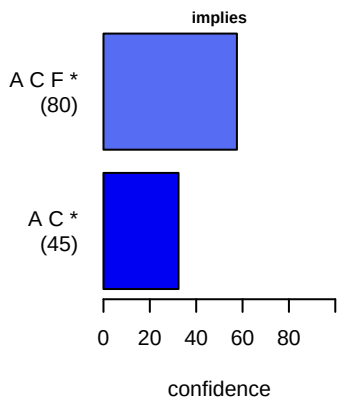
A,G,M,U (99)



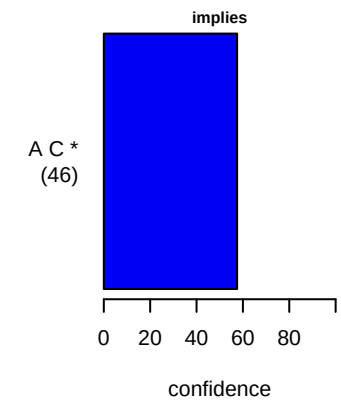
J,M,O,U (66)



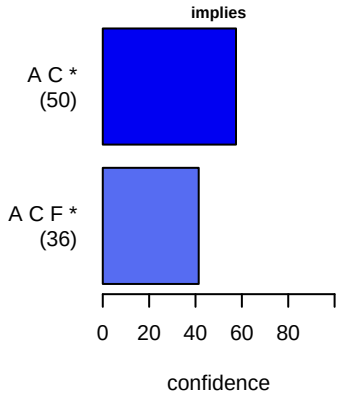
A,O,V (139)



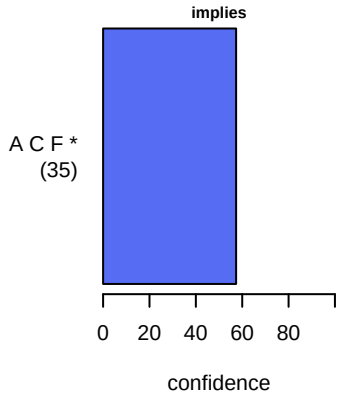
A,D,G,N,O,U (80)



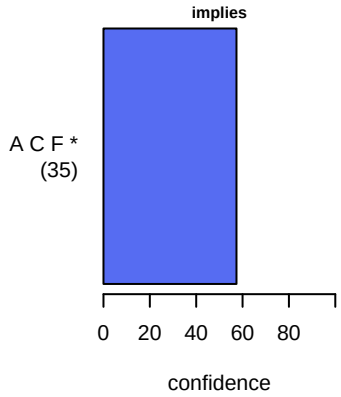
A,D,G,M,N,U (87)



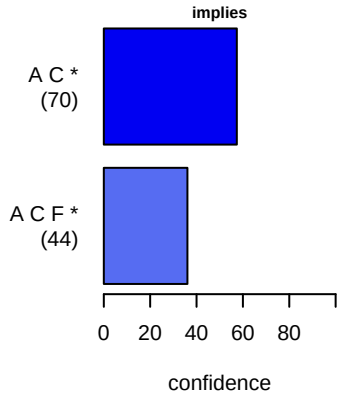
A,M,N,O,U,V (61)



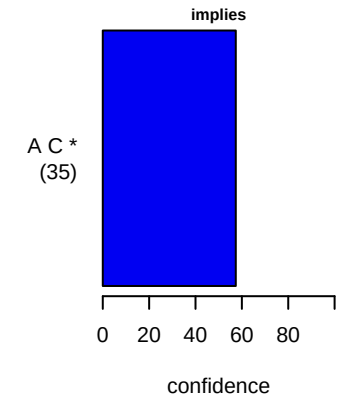
A,N,O,U,V (61)



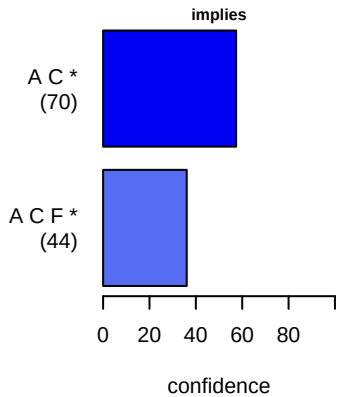
G,J,M,N (122)



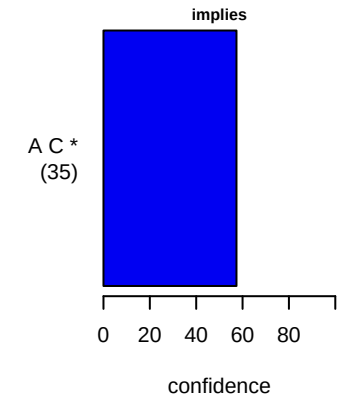
G,J,O,W1 (61)



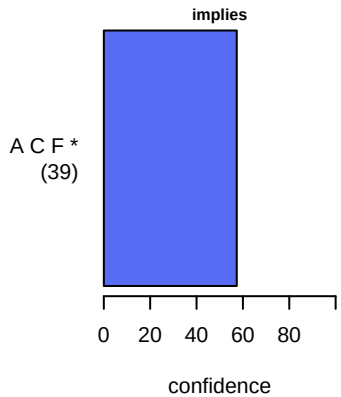
J,M,N (122)



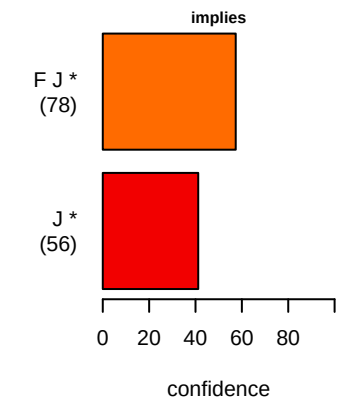
J,O,W1 (61)



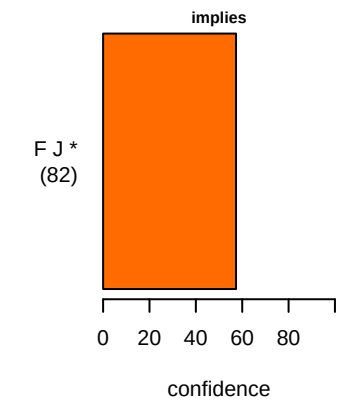
D,M,O,U,V (68)



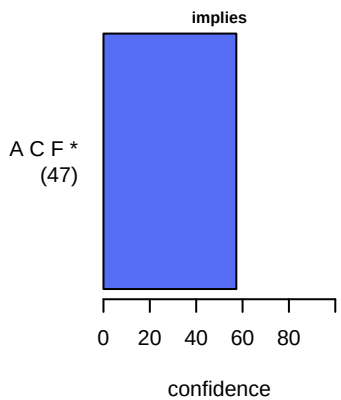
D1,K1,U1 (136)



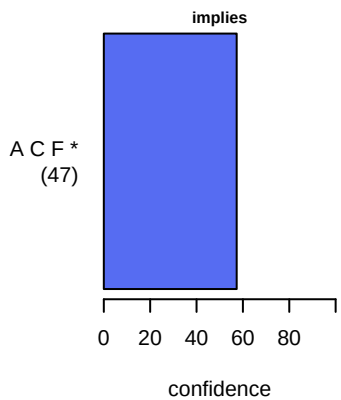
A1,X1 (143)



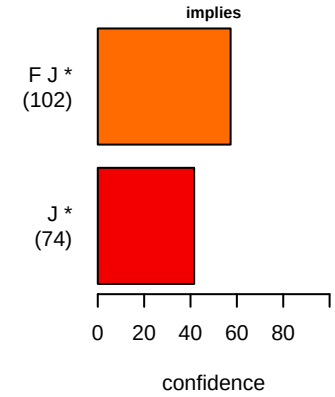
A,G,M,N,O,V (82)



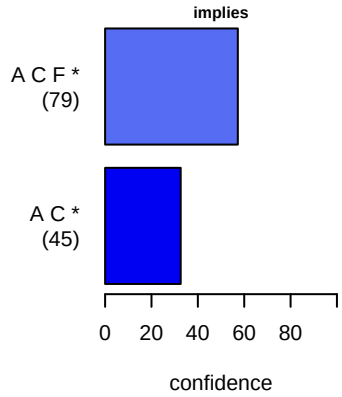
A,G,N,O,V (82)



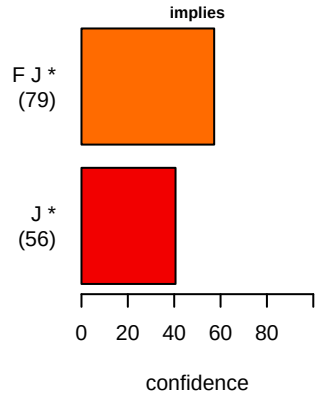
K1,R1,U1 (178)



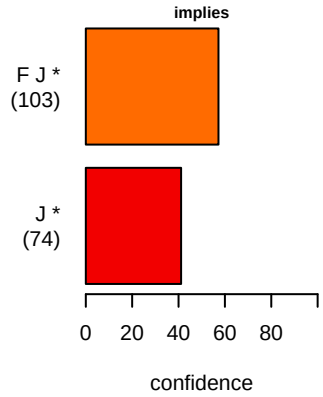
A,M,O,V (138)



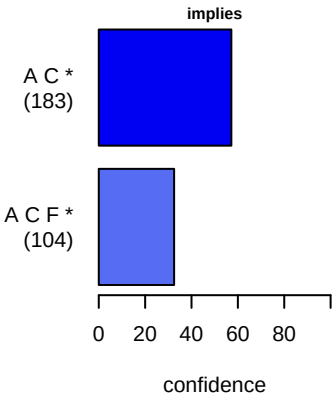
D1,U1 (138)



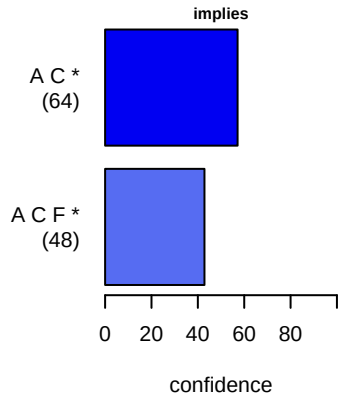
R1,U1 (180)



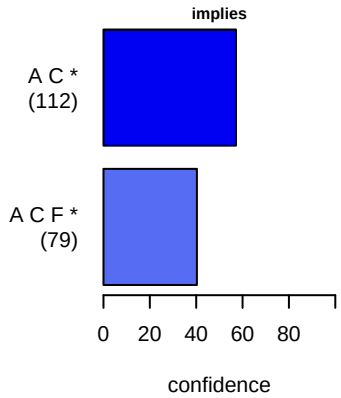
G,M,O (320)



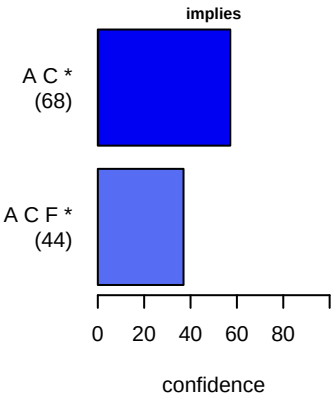
A,D,G,M,O,P (112)



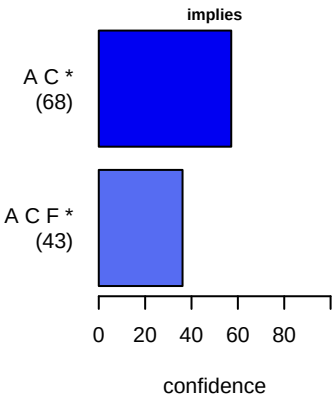
A,D,G,N,O (196)



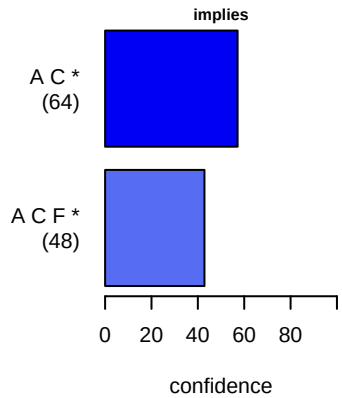
D,G,J,M,N (119)



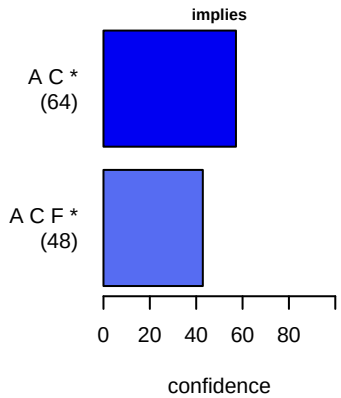
G,J,M,N,O (119)



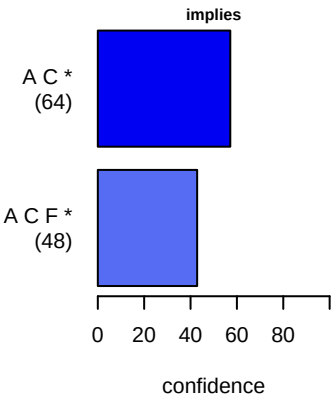
A,D,G,M,P (112)



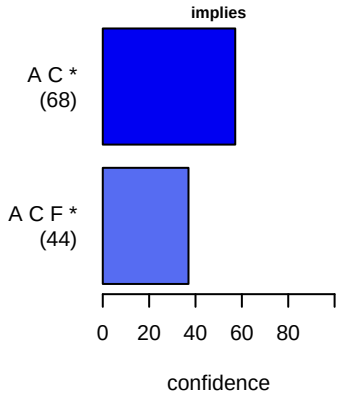
A,D,G,O,P (112)



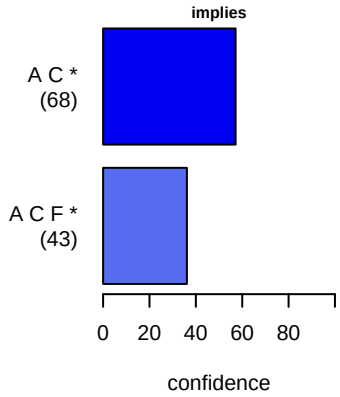
D,G,M,O,P (112)



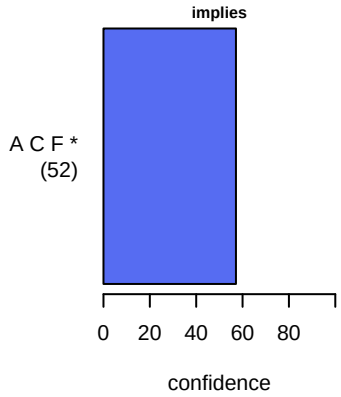
D,J,M,N (119)



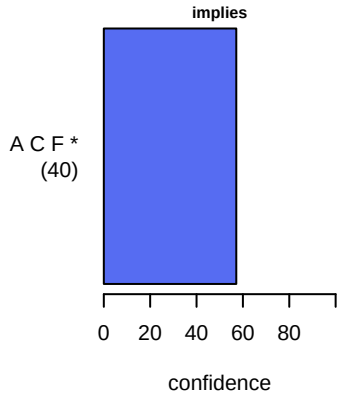
J,M,N,O (119)



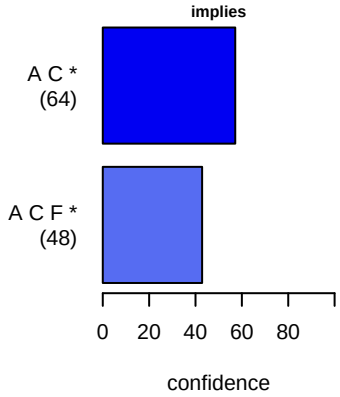
A,G,M,V (91)



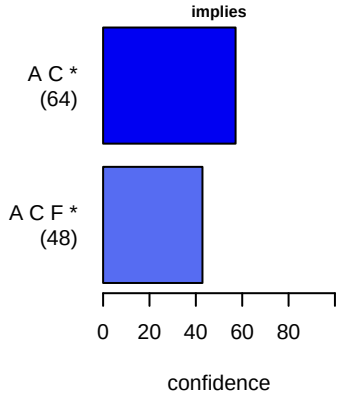
A,M,U,V (70)



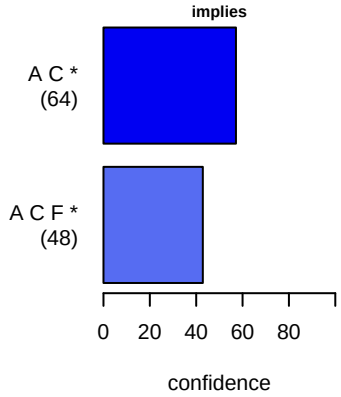
A,D,G,P (112)



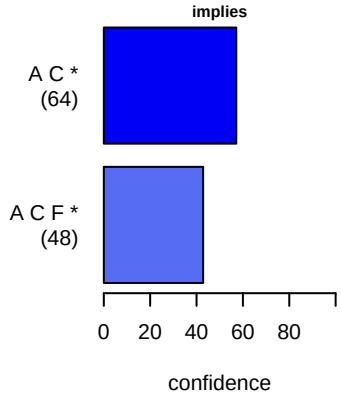
D,G,M,P (112)



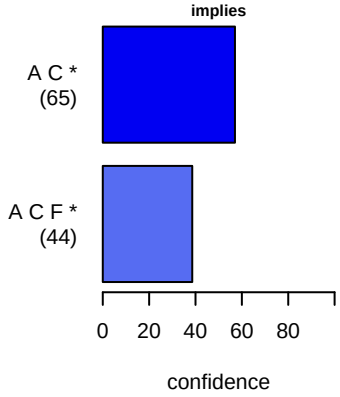
D,G,O,P (112)



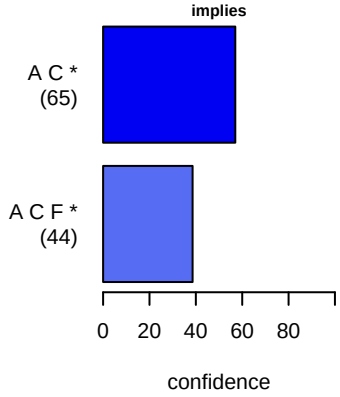
D,G,P (112)



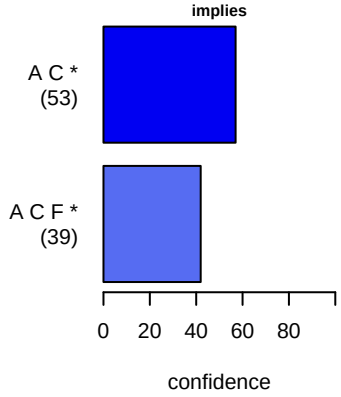
A,B,D,M (114)



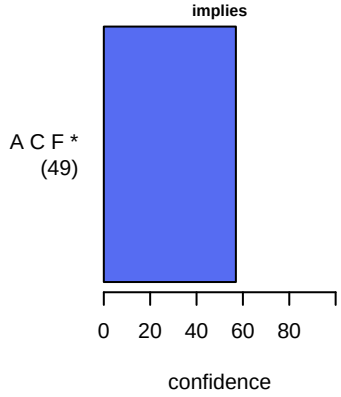
B,D,M (114)



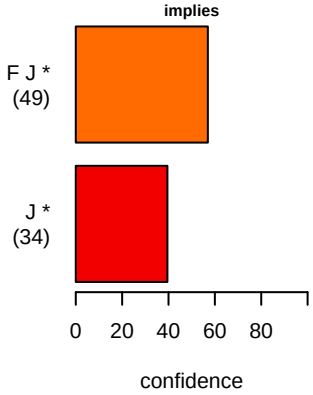
A,D,G,N,U (93)



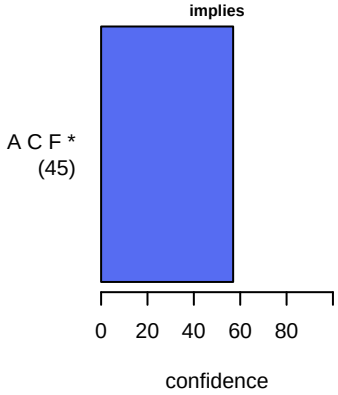
A,D,G,M,V (86)



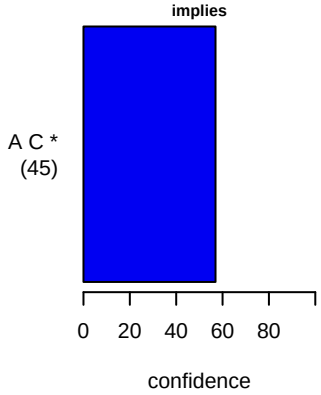
K1,U1,X1 (86)



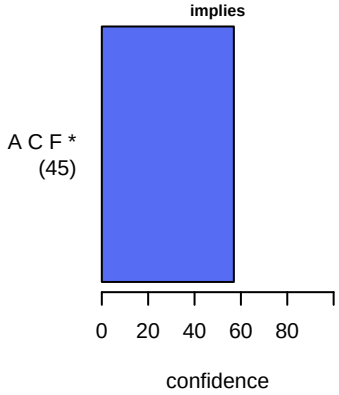
A,D,G,M,N,O,V (79)



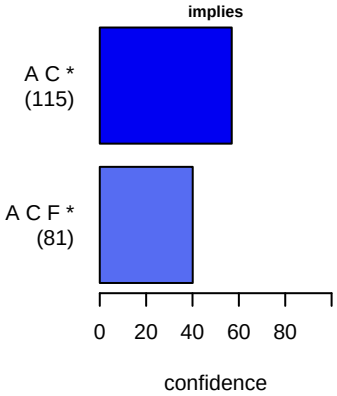
A,D,G,M,N,O,U (79)



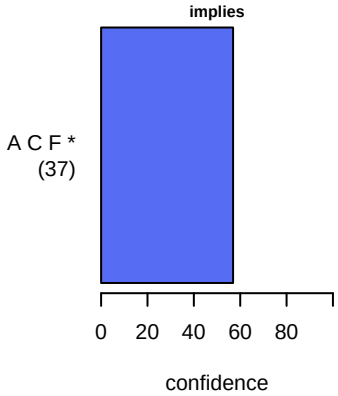
A,D,G,N,O,V (79)



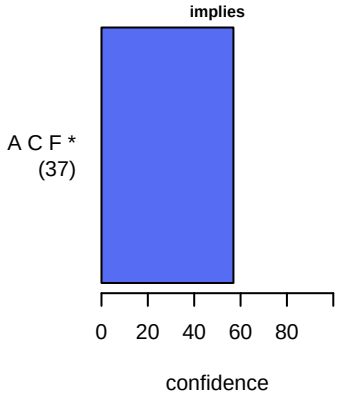
A,G,N,O (202)



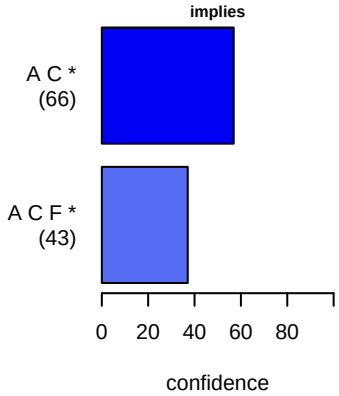
A,M,O,U,V (65)



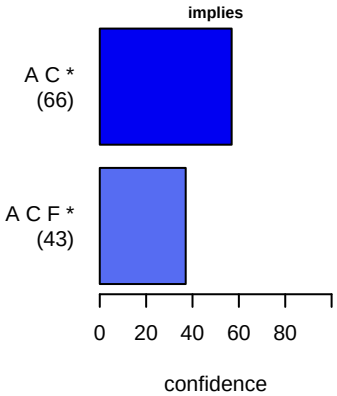
A,O,U,V (65)



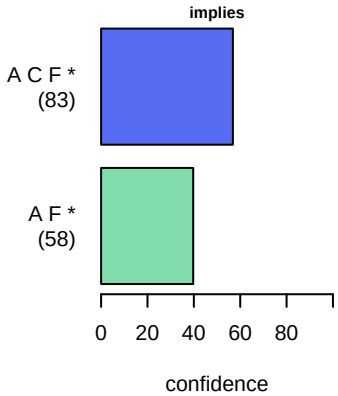
D,G,J,M,N,O (116)



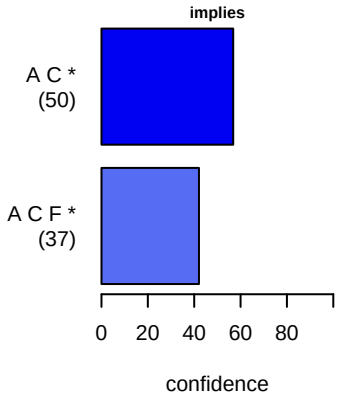
D,J,M,N,O (116)



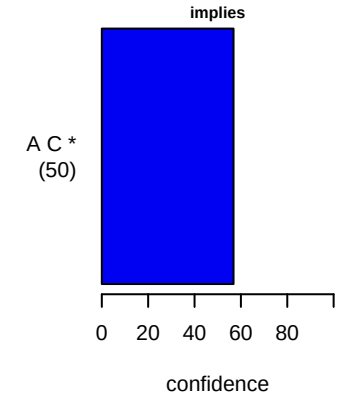
D,G,A1 (146)



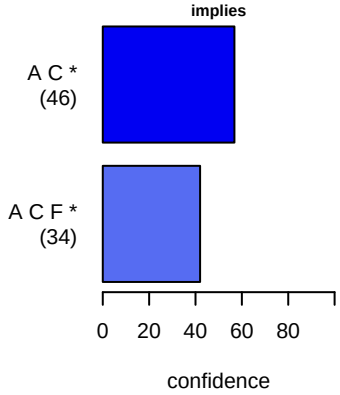
A,G,M,N,U (88)



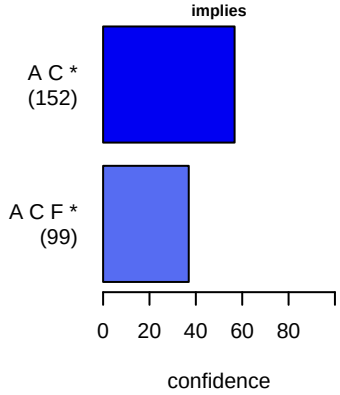
A,G,H,W1 (88)



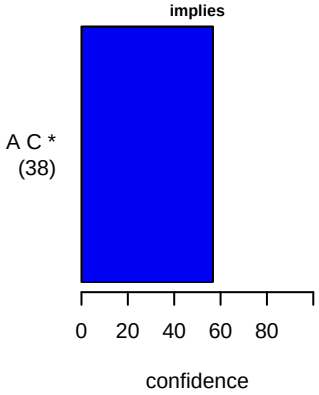
A,G,N,O,U (81)



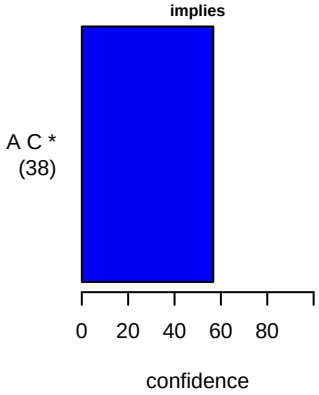
D,G,M,O (268)



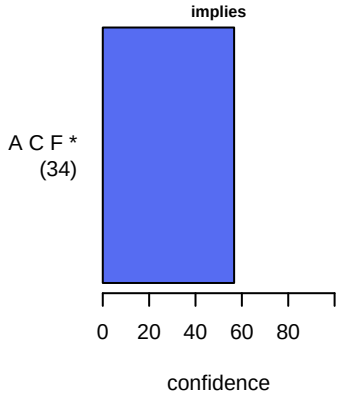
A,B,G,X1 (67)



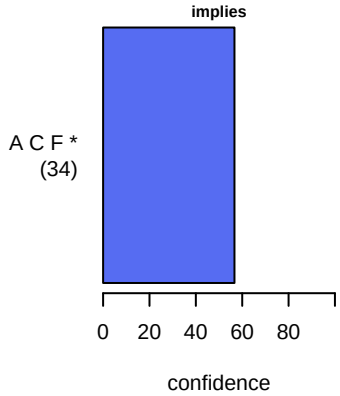
B,G,X1 (67)



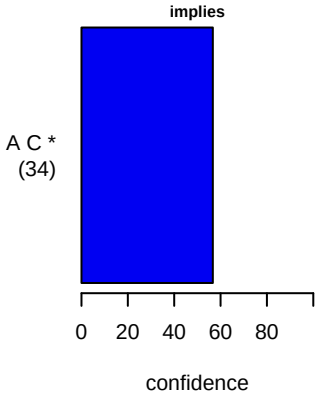
A,D,M,N,O,U,V (60)



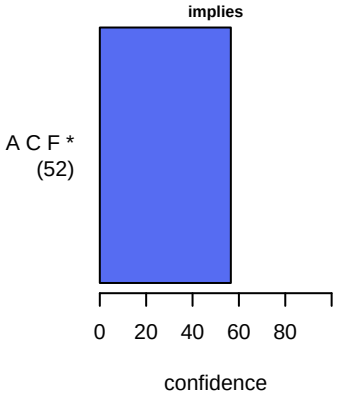
A,D,N,O,U,V (60)



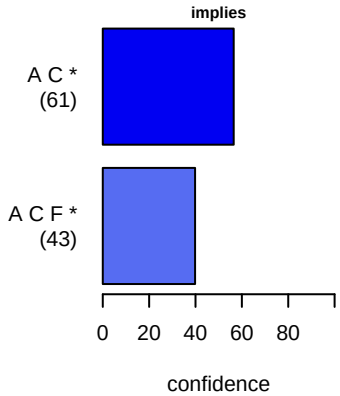
D,G,O,W1 (60)



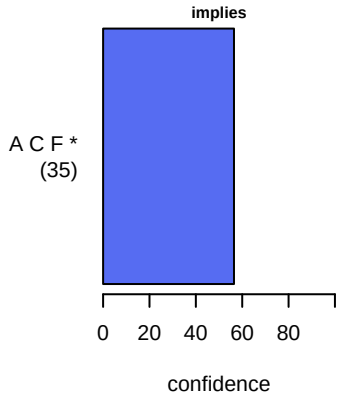
A,G,V (92)



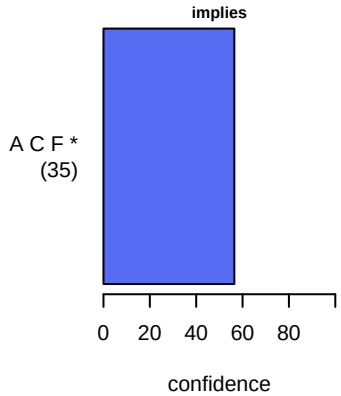
A,G,U (108)



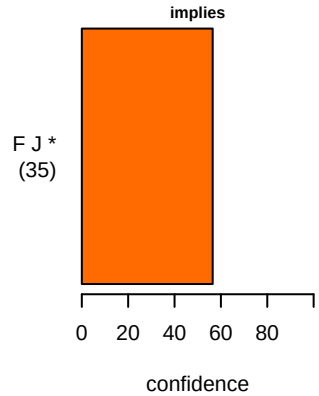
A,D,M,O,U,V (62)



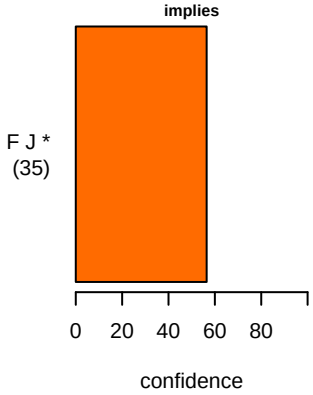
A,D,O,U,V (62)



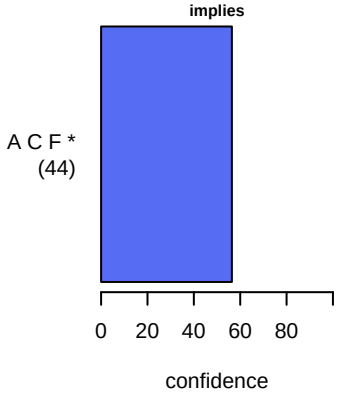
D1,K1,R1,X1 (62)



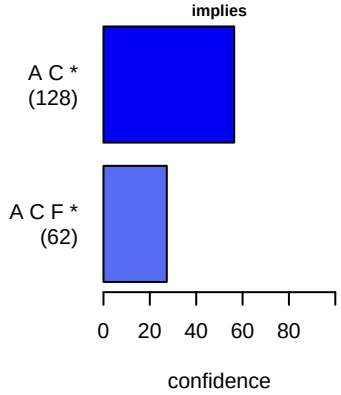
D1,R1,X1 (62)



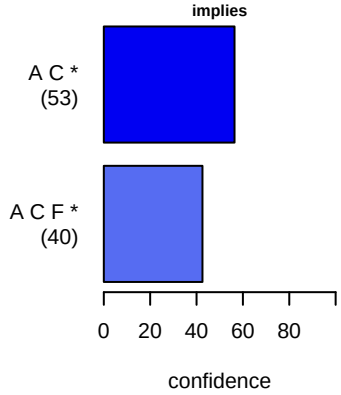
U,A1 (78)



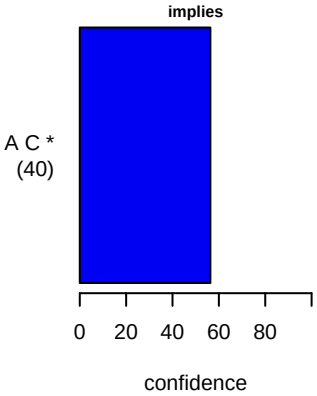
A,D,I (227)



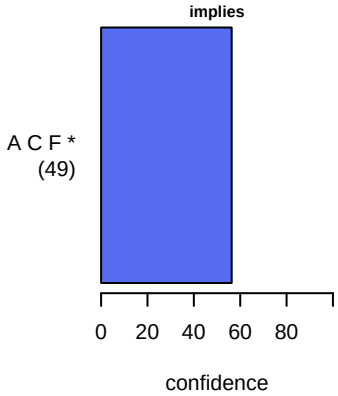
A,G,N,U (94)



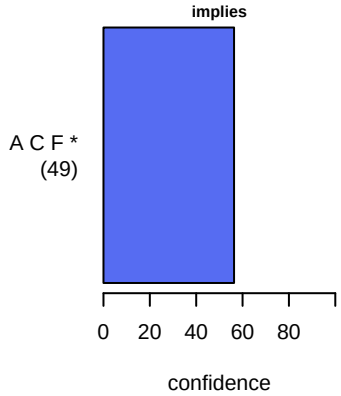
D,M,W1 (71)



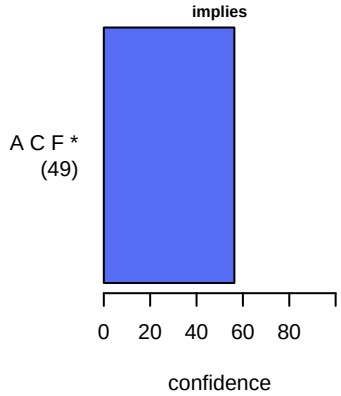
A,G,M,O,V (87)



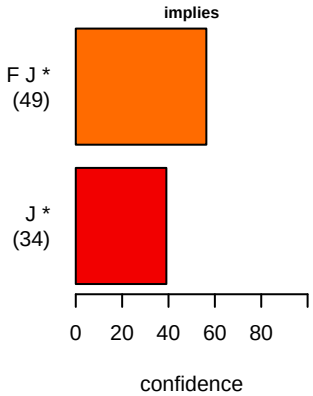
A,D,G,V (87)



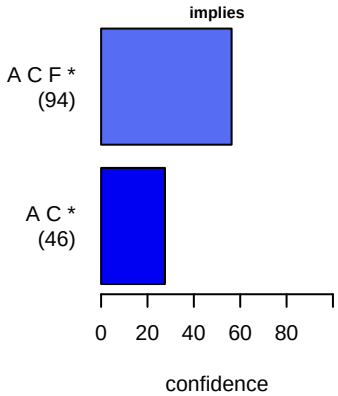
A,G,O,V (87)



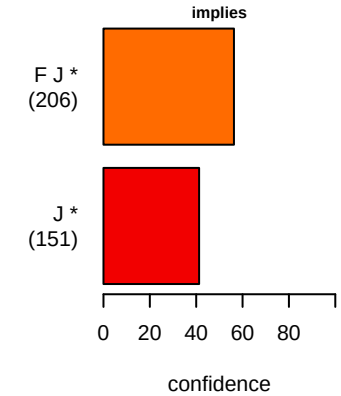
U1,X1 (87)



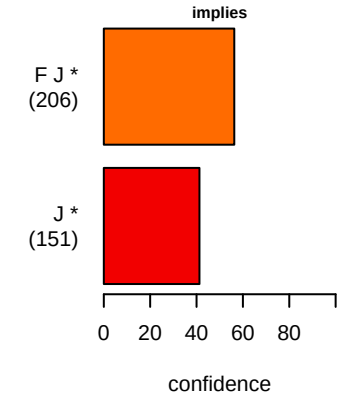
A,M,V (167)



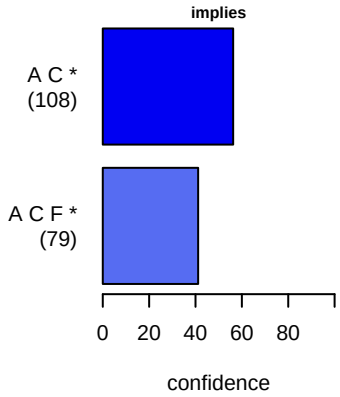
K1,Q1,R1 (366)



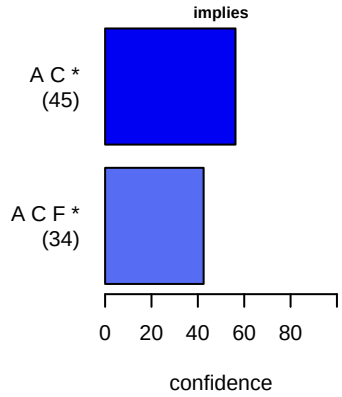
K1,Q1 (366)



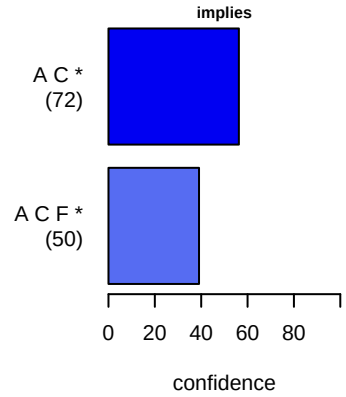
A,D,G,M,N,O (192)



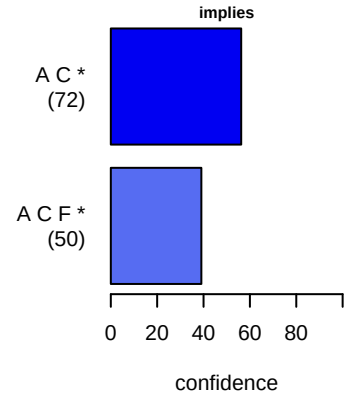
A,G,M,N,O,U (80)



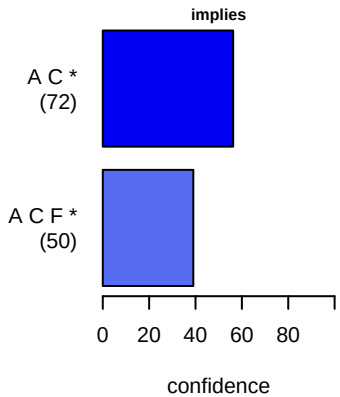
A,G,M,O,P (128)



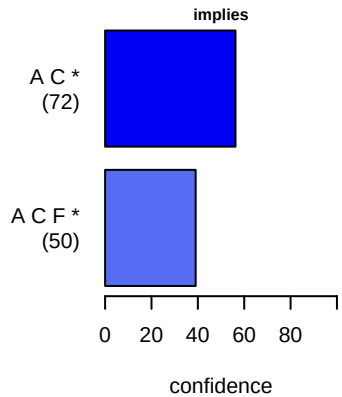
A,G,O,P (128)



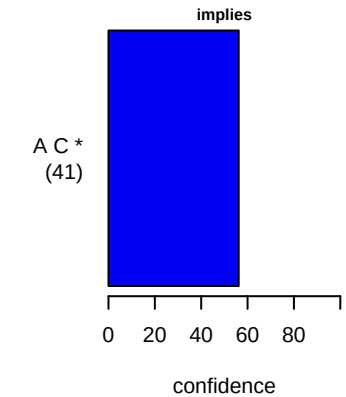
G,M,O,P (128)



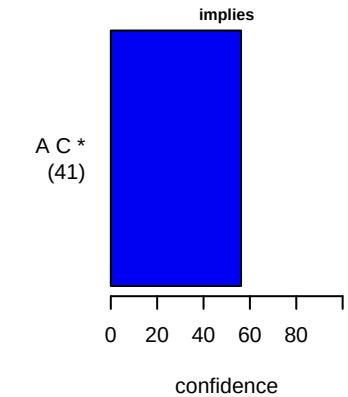
G,O,P (128)



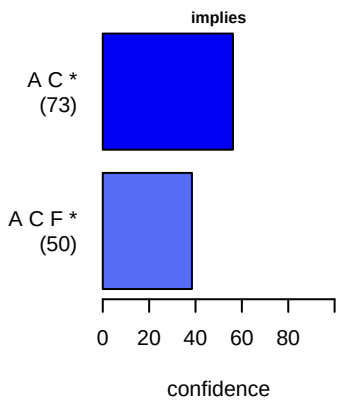
D,G,J,O,U (73)



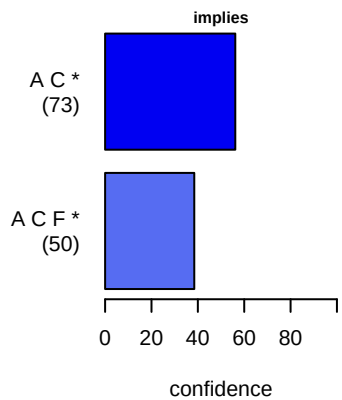
D,J,O,U (73)



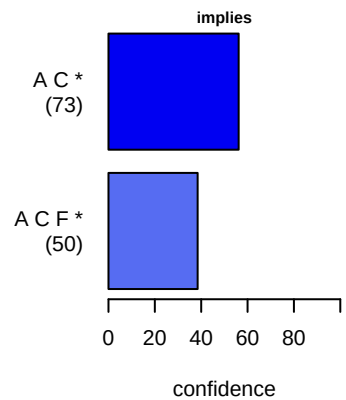
A,G,M,P (130)



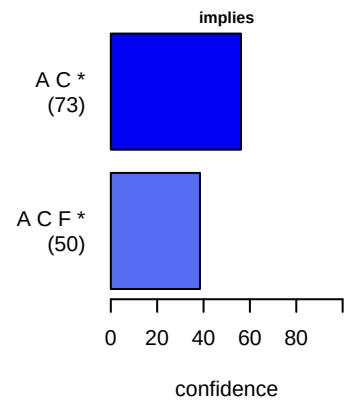
A,G,P (130)



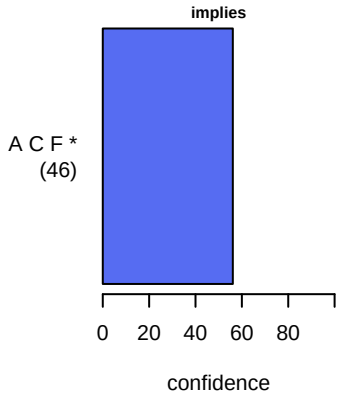
G,M,P (130)



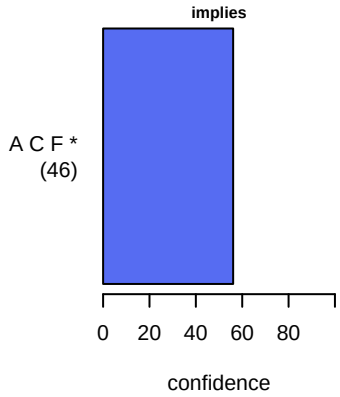
G,P (130)



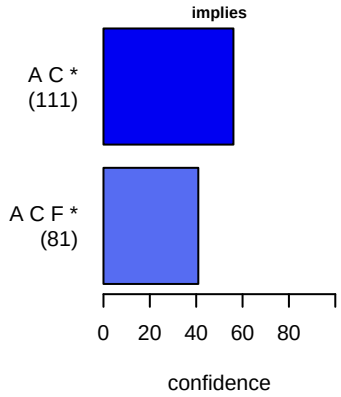
A,D,G,M,O,V (82)



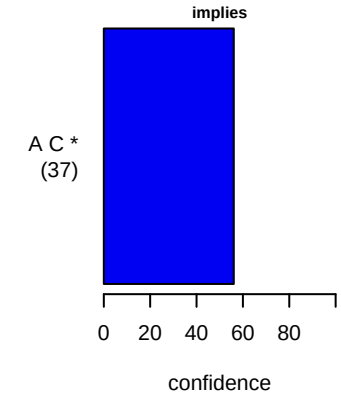
A,D,G,O,V (82)



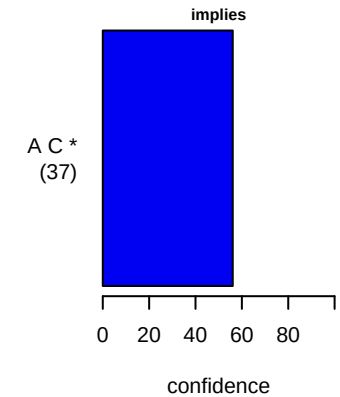
A,G,M,N,O (198)



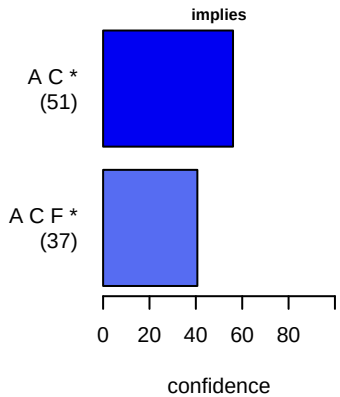
A,B,G,H,X1 (66)



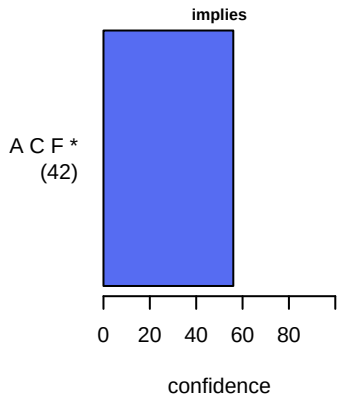
B,G,H,X1 (66)



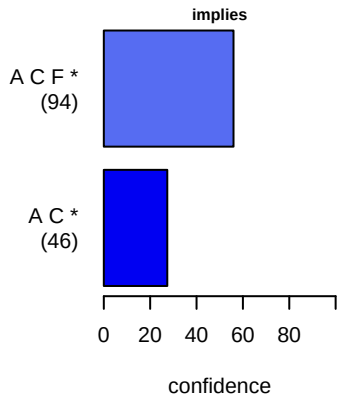
D,G,M,O,U (91)



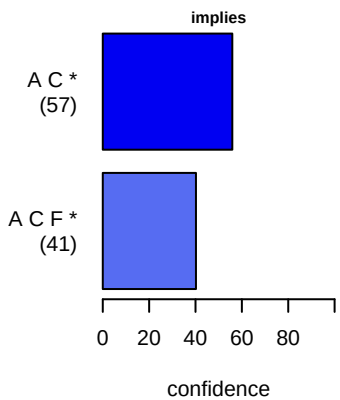
M,N,U,V (75)



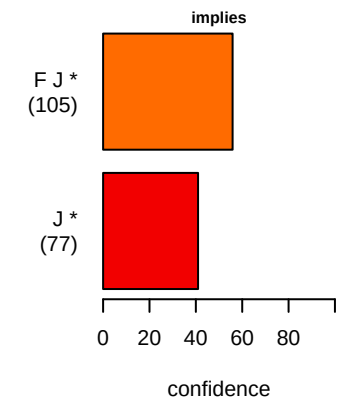
A,D,V (168)



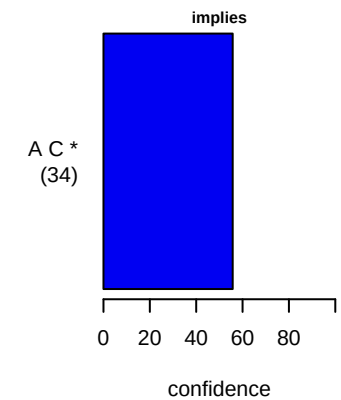
D,G,M,U (102)



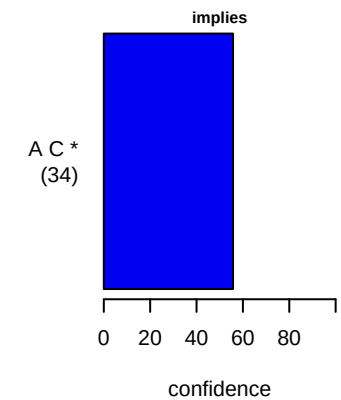
K1,U1 (188)

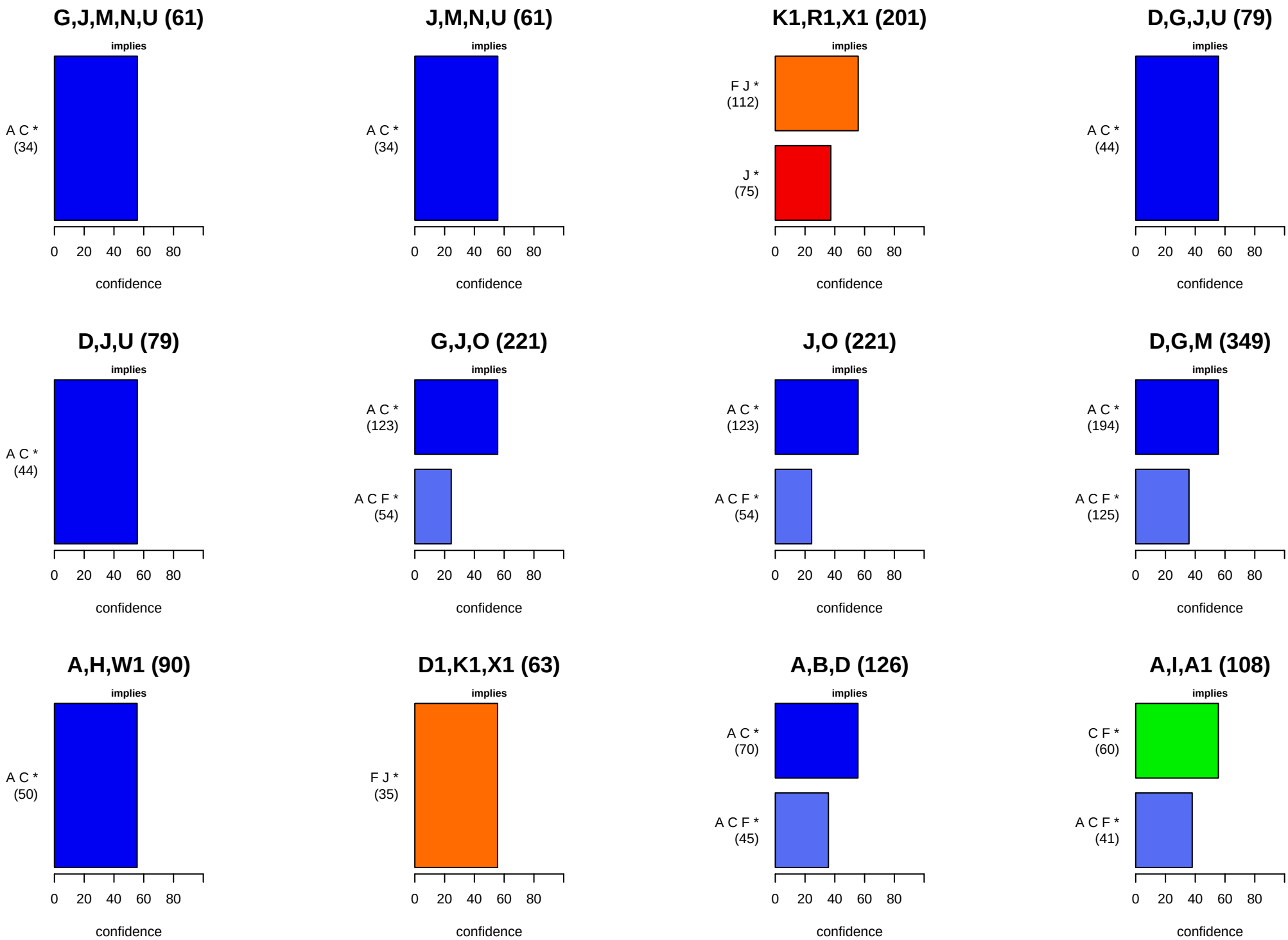


D,G,J,M,N,U (61)

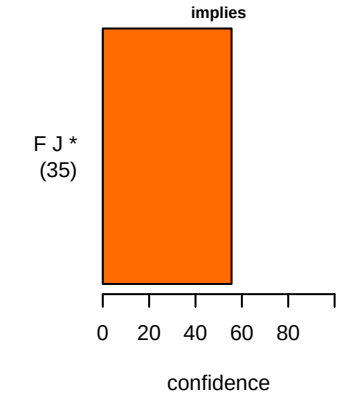


D,J,M,N,U (61)

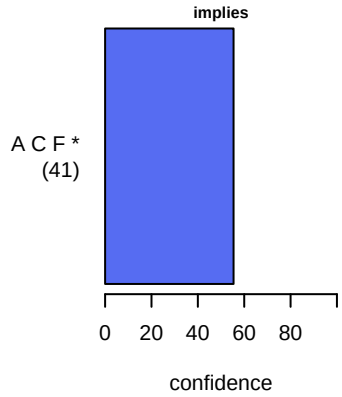



G,J,M,N,U (61)
implies
A C *
(34)
0 20 40 60 80
confidence
J,M,N,U (61)
implies
A C *
(34)
0 20 40 60 80
confidence
K1,R1,X1 (201)
implies
F J *
(112)
J *
(75)
0 20 40 60 80
confidence
D,G,J,U (79)
implies
A C *
(44)
0 20 40 60 80
confidence
D,J,U (79)
implies
A C *
(44)
0 20 40 60 80
confidence
G,J,O (221)
implies
A C *
(123)
A C F *
(54)
0 20 40 60 80
confidence
J,O (221)
implies
A C *
(123)
A C F *
(54)
0 20 40 60 80
confidence
D,G,M (349)
implies
A C *
(194)
A C F *
(125)
0 20 40 60 80
confidence
A,H,W1 (90)
implies
A C *
(50)
0 20 40 60 80
confidence
D1,K1,X1 (63)
implies
F J *
(35)
0 20 40 60 80
confidence
A,B,D (126)
implies
A C *
(70)
A C F *
(45)
0 20 40 60 80
confidence
A,I,A1 (108)
implies
C F *
(60)
A C F *
(41)
0 20 40 60 80
confidence

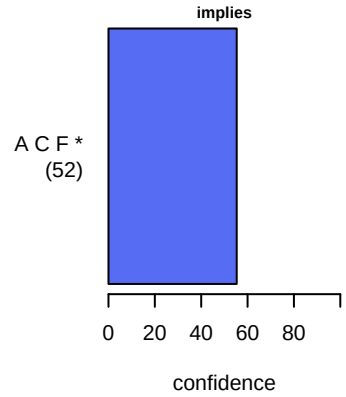
D1,X1 (63)



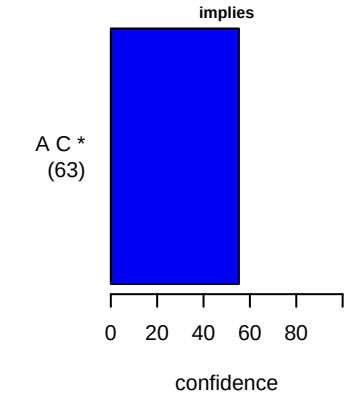
D,M,N,U,V (74)



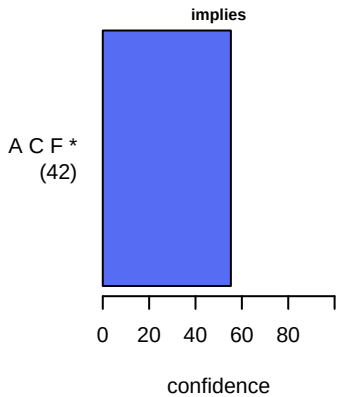
D,G,M,N,V (94)



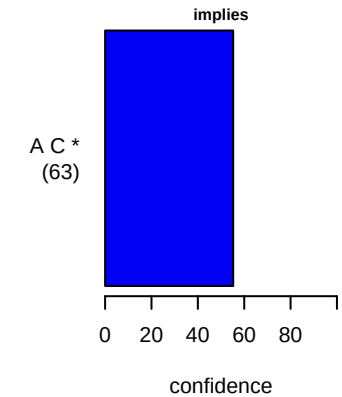
G,H,J,N (114)



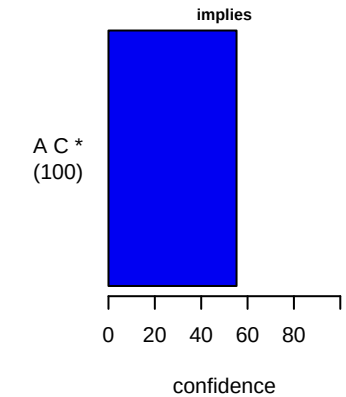
D,M,U,V (76)



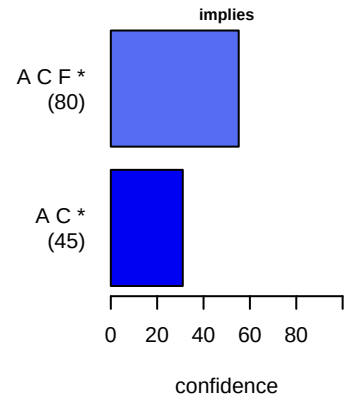
H,J,N (114)



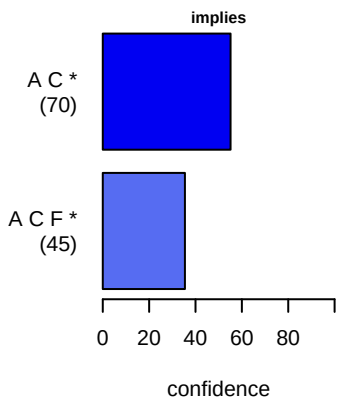
A,G,H,I (181)



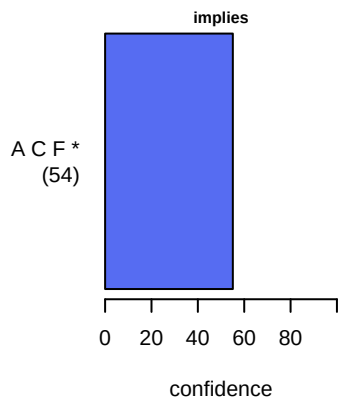
D,M,O,V (145)



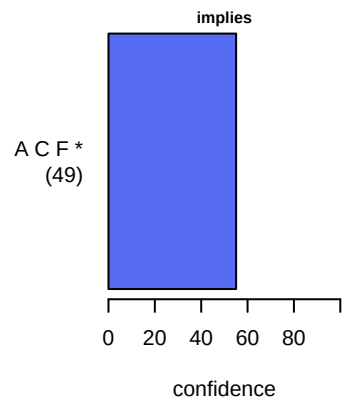
B,D (127)



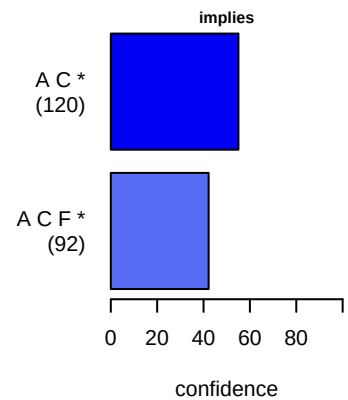
G,M,N,V (98)



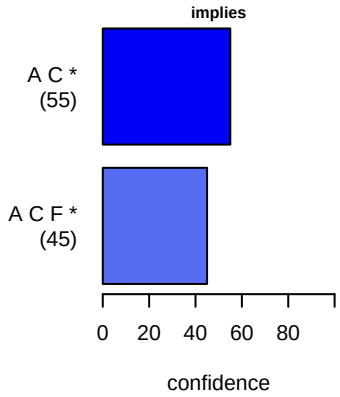
D,G,M,N,O,V (89)



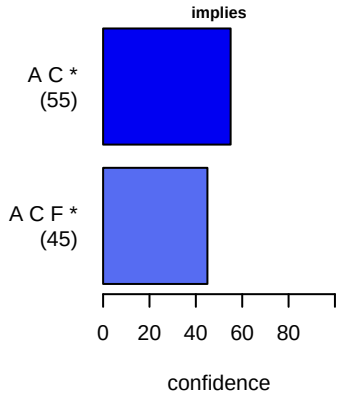
A,D,G,M,N (218)



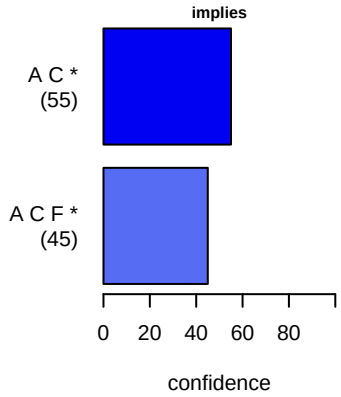
A,D,G,M,N,O,P (100)



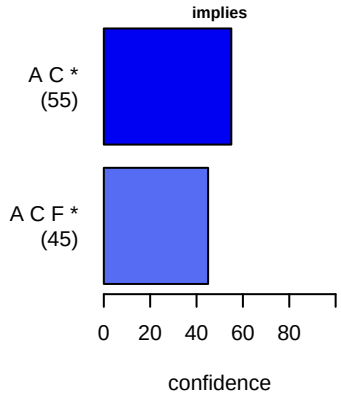
A,D,G,M,N,P (100)



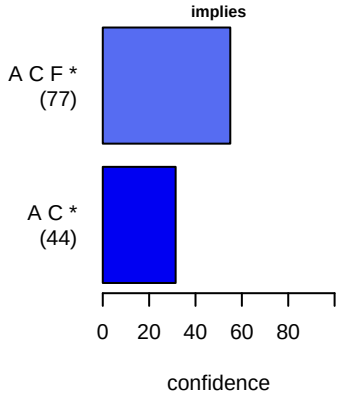
A,D,G,N,O,P (100)



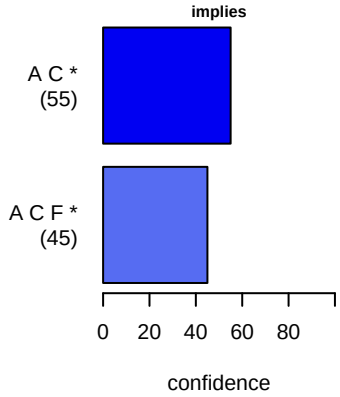
D,G,M,N,O,P (100)



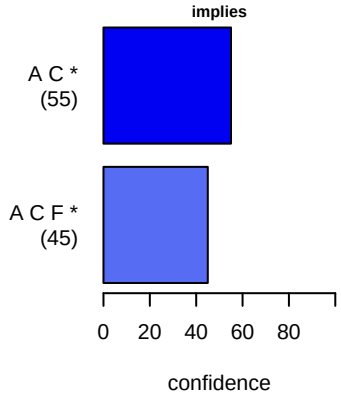
D,M,N,O,V (140)



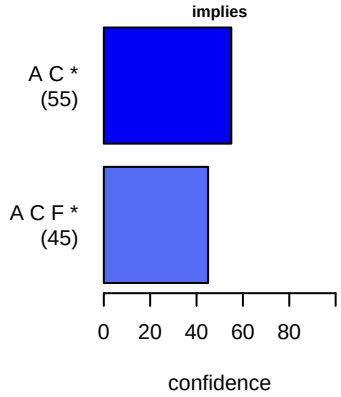
A,D,G,N,P (100)



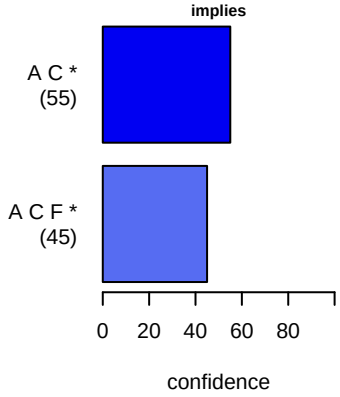
D,G,M,N,P (100)



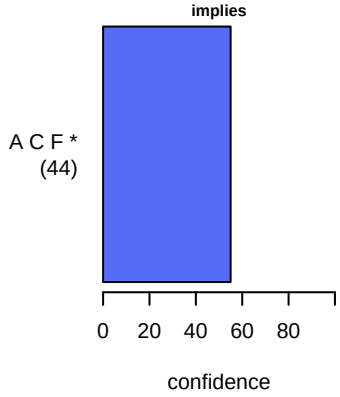
D,G,N,O,P (100)



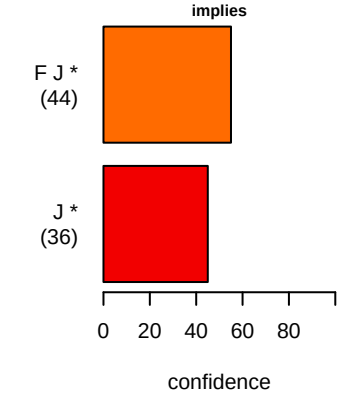
D,G,N,P (100)



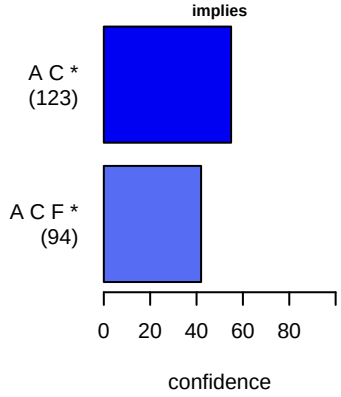
M,U,V (80)



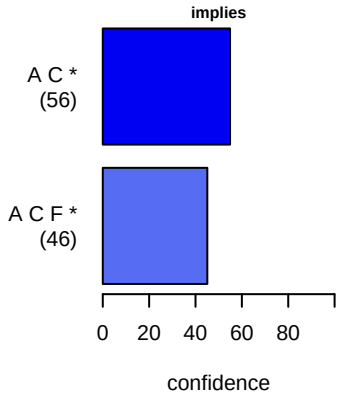
M1,R1,U1 (80)



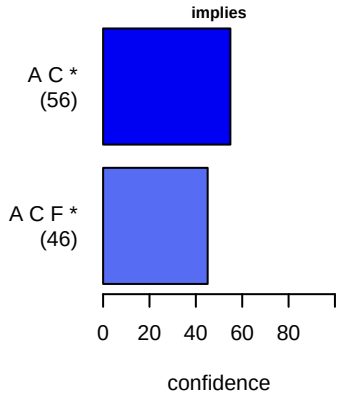
A,G,M,N (224)



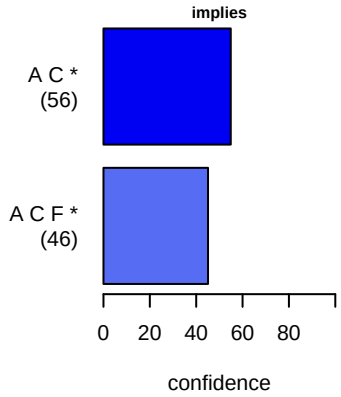
A,G,M,N,O,P (102)



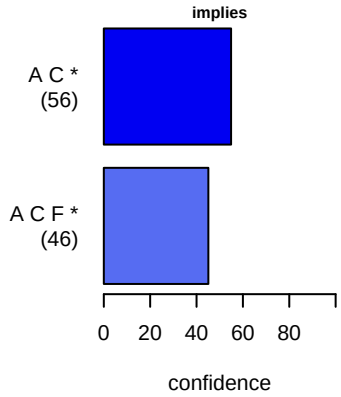
A,G,M,N,P (102)



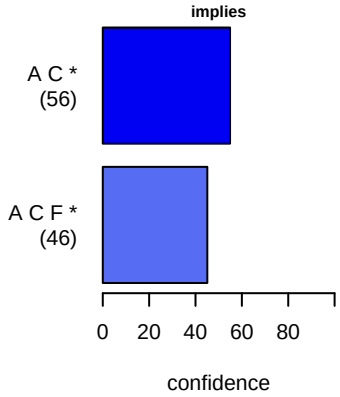
A,G,N,O,P (102)



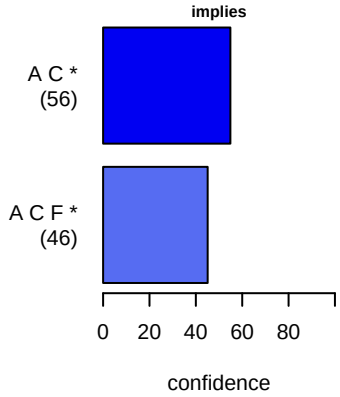
G,M,N,O,P (102)



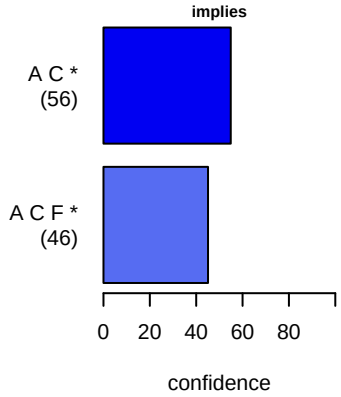
A,G,N,P (102)



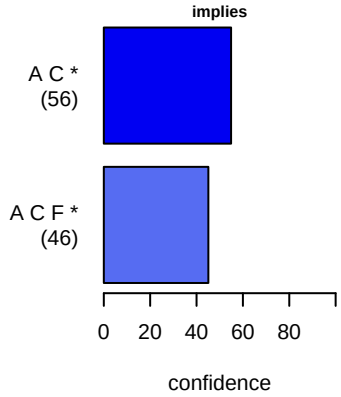
G,M,N,P (102)



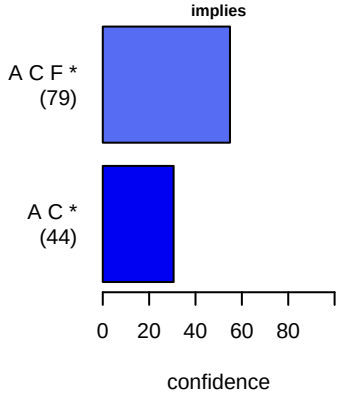
G,N,O,P (102)



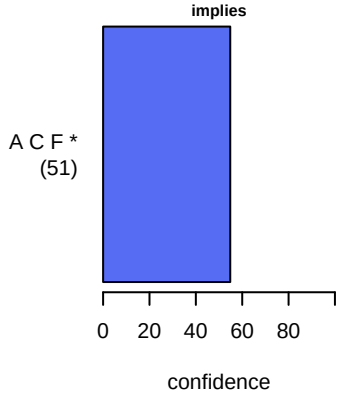
G,N,P (102)



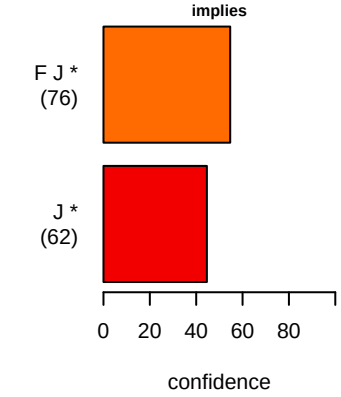
M,N,O,V (144)



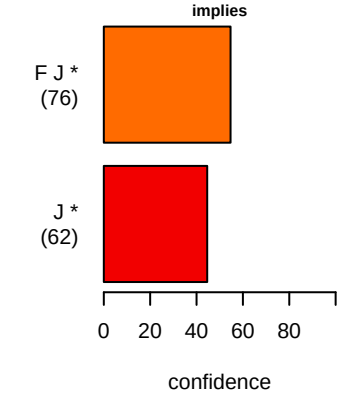
G,M,N,O,V (93)



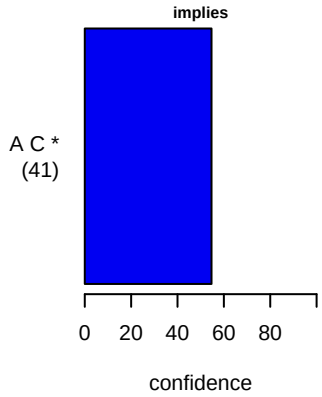
K1,M1,Q1,R1 (139)



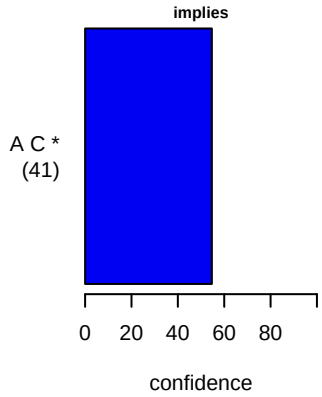
K1,M1,Q1 (139)



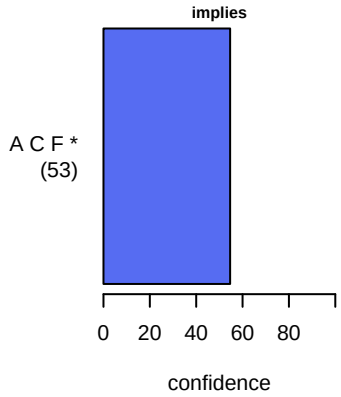
G,J,O,U (75)



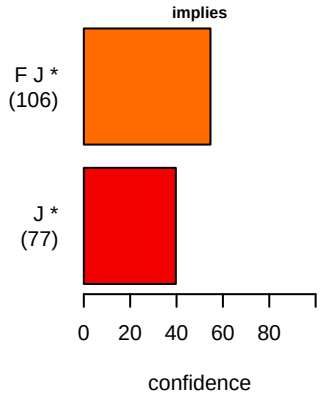
J,O,U (75)



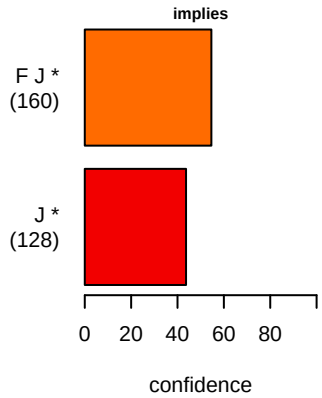
D,G,M,V (97)



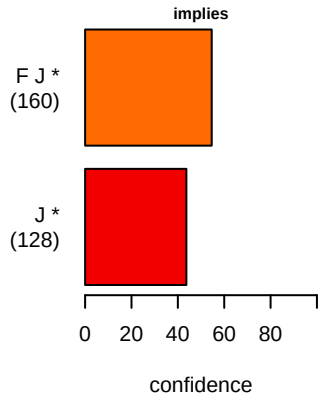
U1 (194)



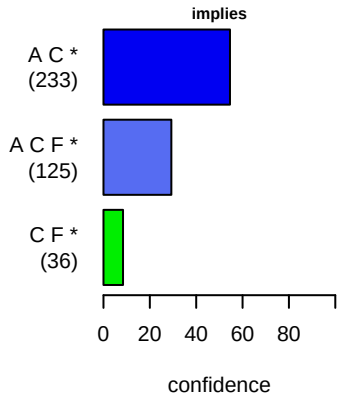
D1,K1,Q1,R1 (293)



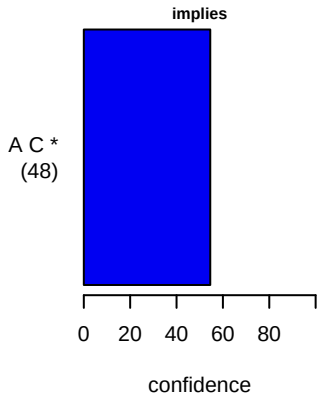
D1,K1,Q1 (293)



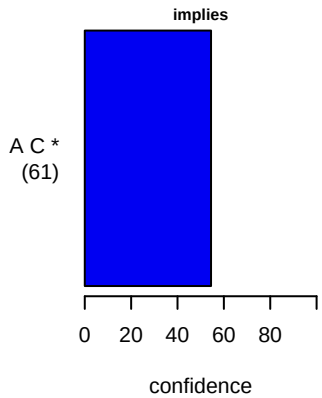
A,G,M (427)



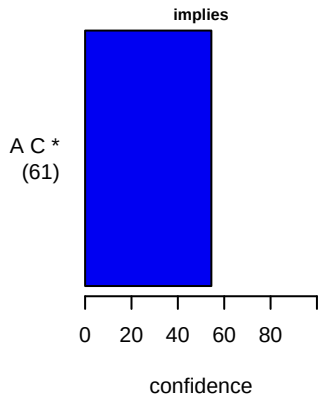
O,W1 (88)



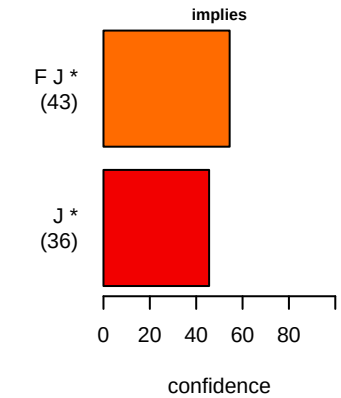
D,G,H,J,N (112)



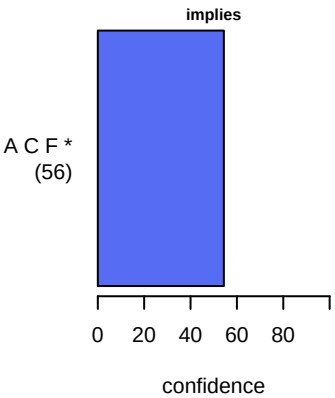
D,H,J,N (112)



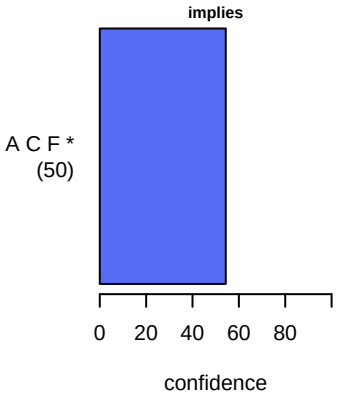
K1,M1,R1,U1 (79)



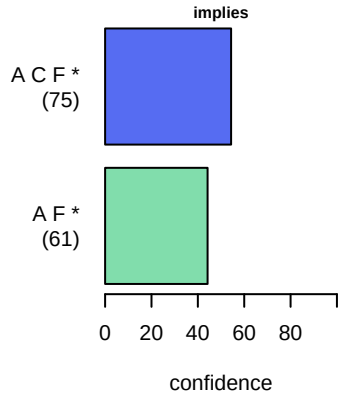
G,M,V (103)



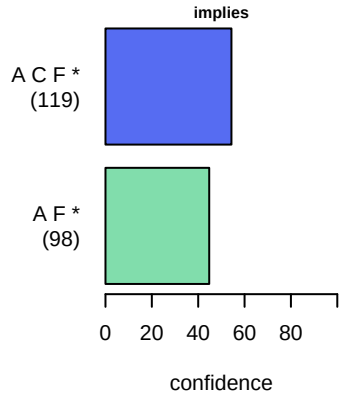
D,G,M,O,V (92)



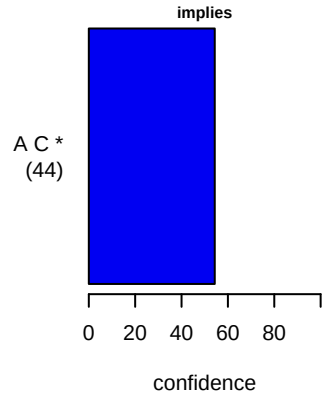
D,N,V,A1 (138)



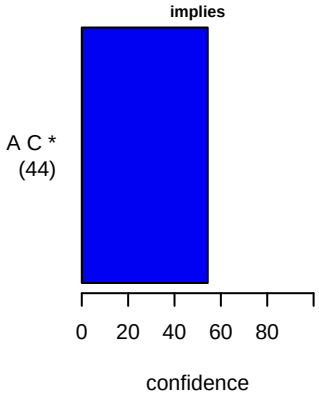
D,N,A1 (219)



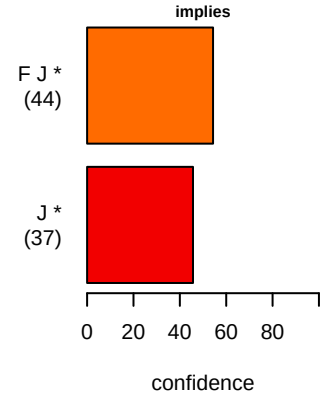
G,J,U (81)



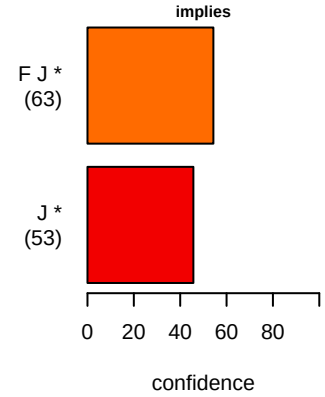
J,U (81)



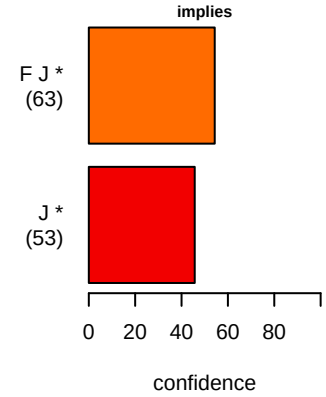
M1,U1 (81)



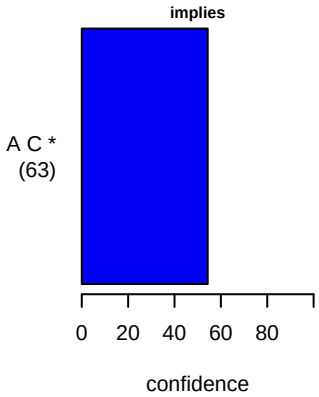
D1,K1,M1,Q1,R1 (116)



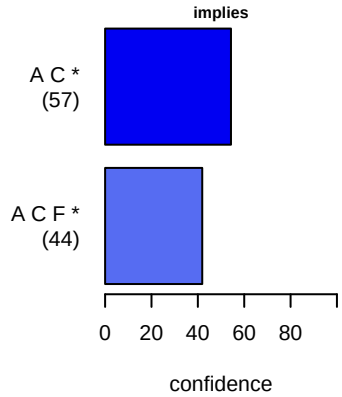
D1,K1,M1,Q1 (116)



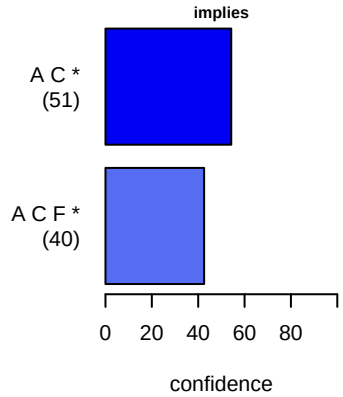
A,G,W1 (116)



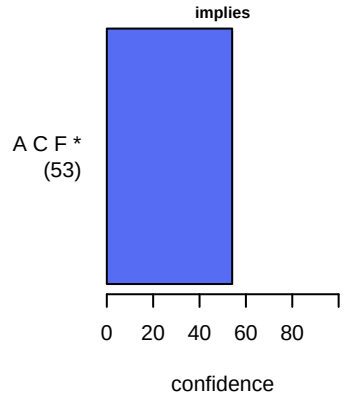
G,M,U (105)



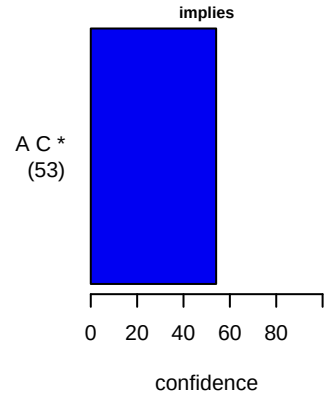
G,M,O,U (94)



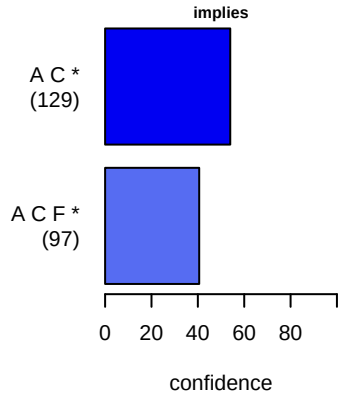
G,M,O,V (98)



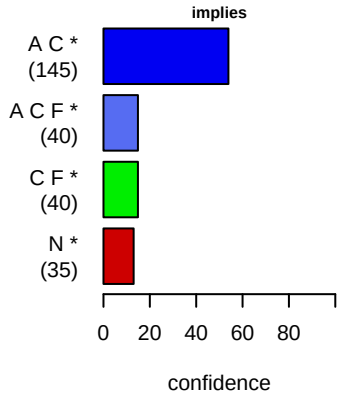
A,M,X1 (98)



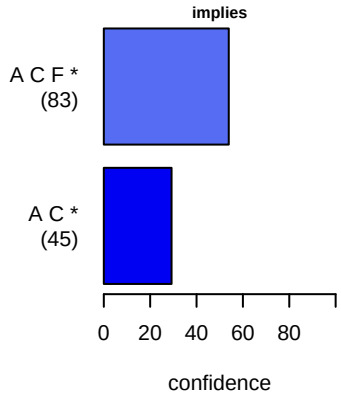
A,D,G,N (239)



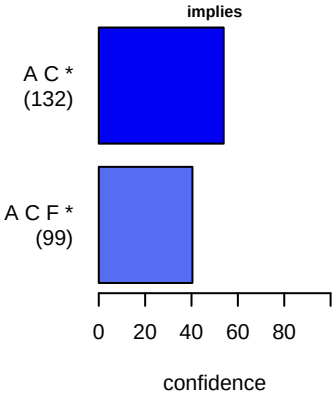
A,G,I (269)



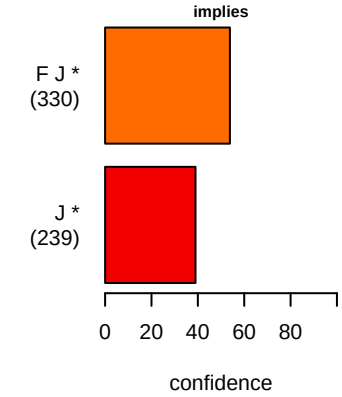
M,O,V (154)



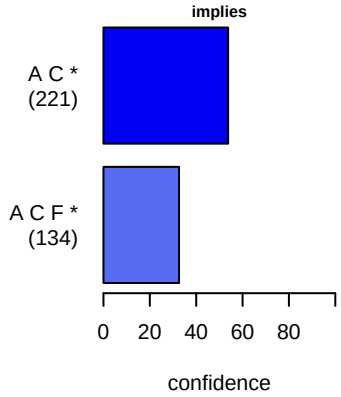
A,G,N (245)



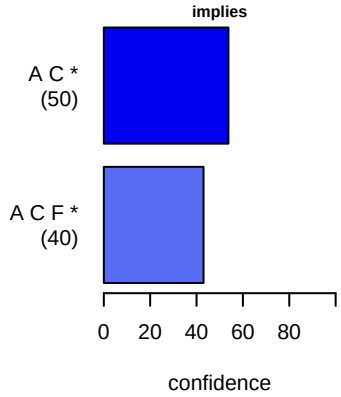
K1,R1 (613)



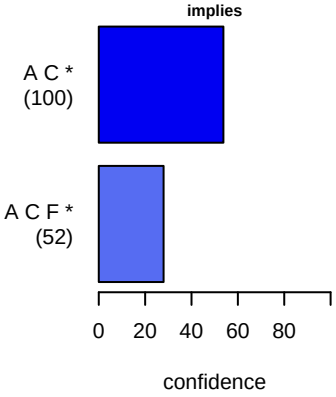
A,D,G (411)



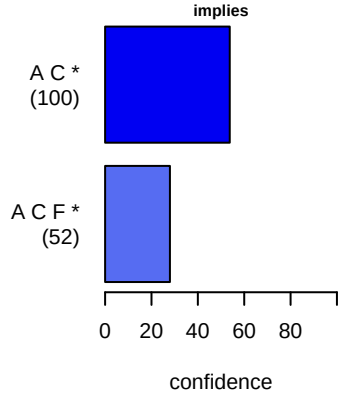
D,G,M,N,U (93)



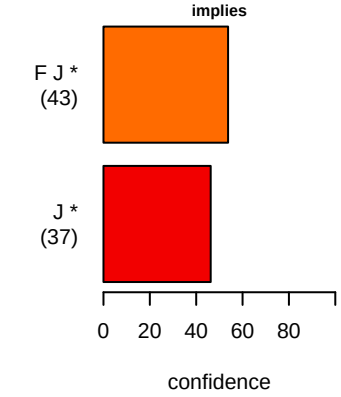
D,G,J,O (186)



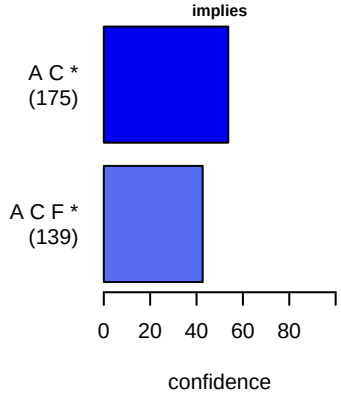
D,J,O (186)



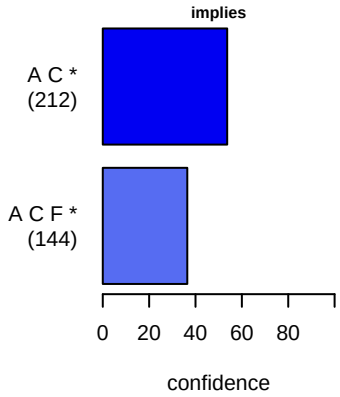
K1,M1,U1 (80)



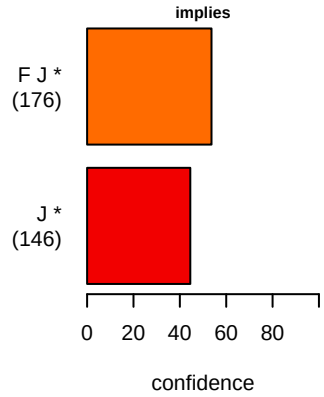
A,D,O (326)



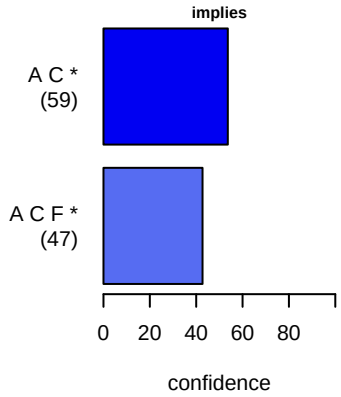
A,O (395)



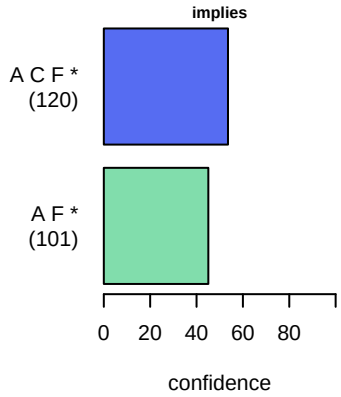
D1,K1,R1 (328)



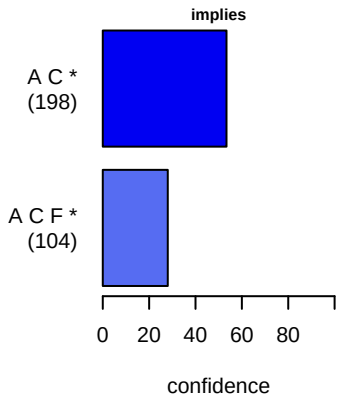
A,D,O,U (110)



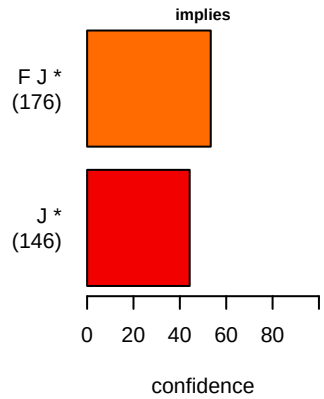
N,A1 (224)



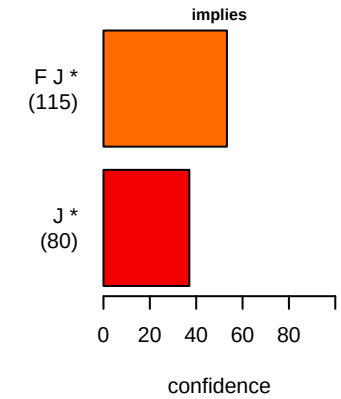
G,O (371)



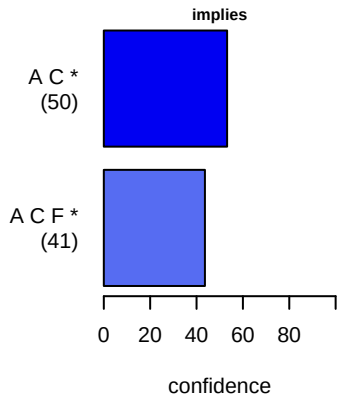
D1,K1 (330)



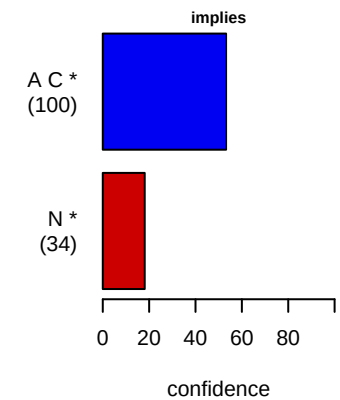
R1,X1 (216)



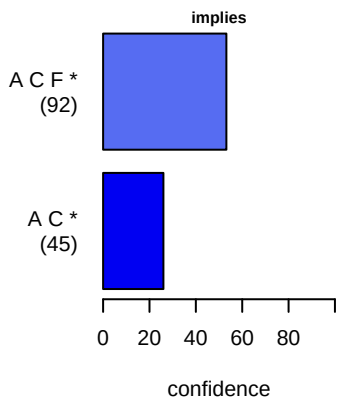
G,M,N,U (94)



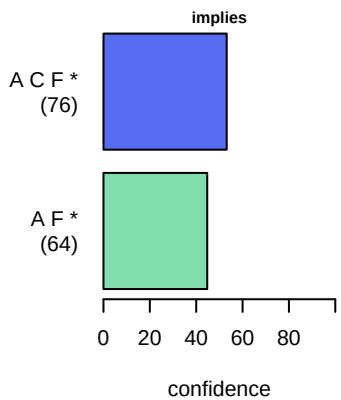
A,H,I (188)



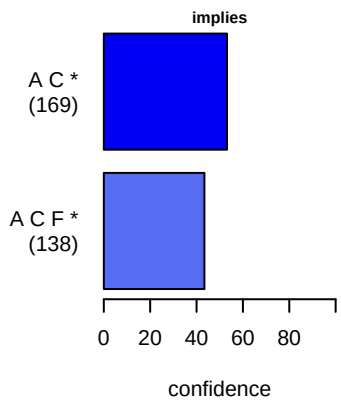
D,M,N,V (173)



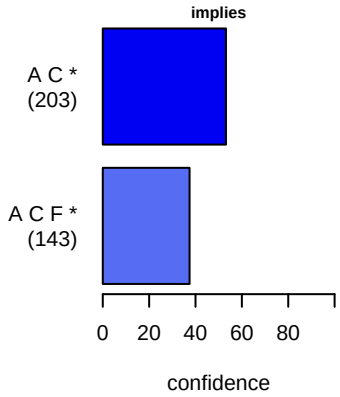
N,V,A1 (143)



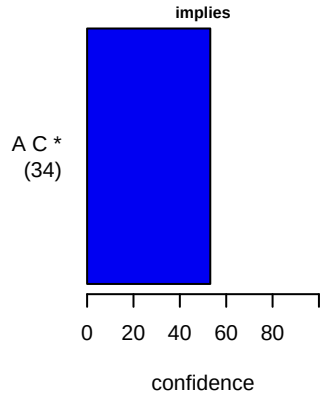
A,D,M,O (318)



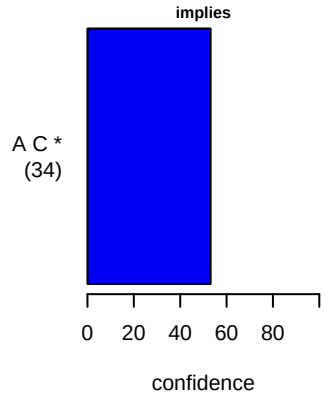
A,M,O (382)



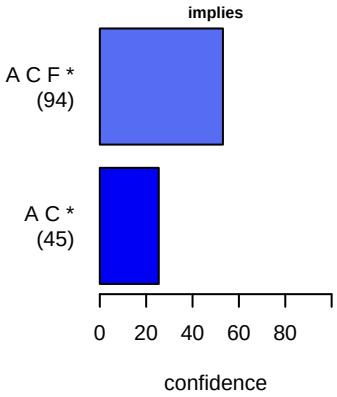
A,B,M,X1 (64)



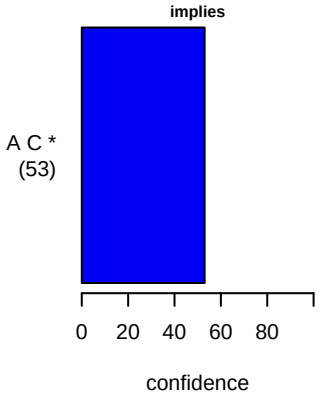
B,M,X1 (64)



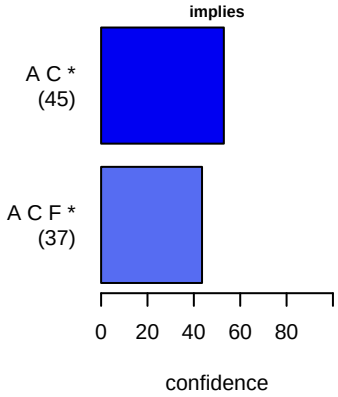
M,N,V (177)



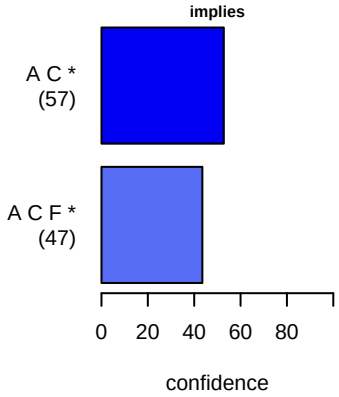
M,X1 (100)



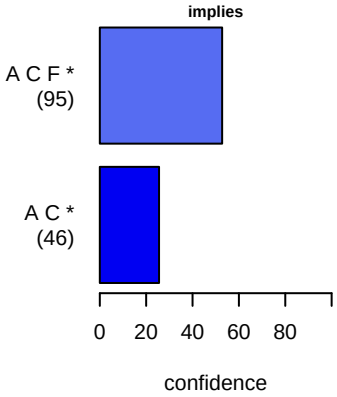
D,G,M,N,O,U (85)



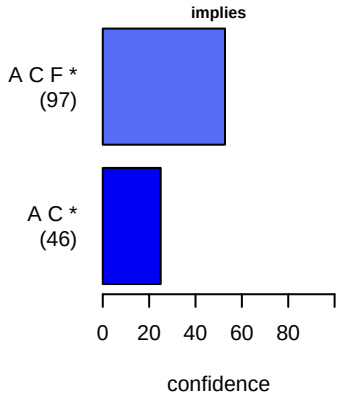
A,D,M,O,U (108)



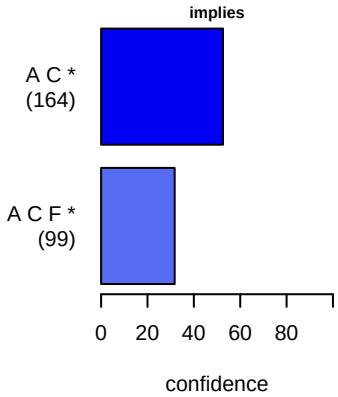
D,M,V (180)



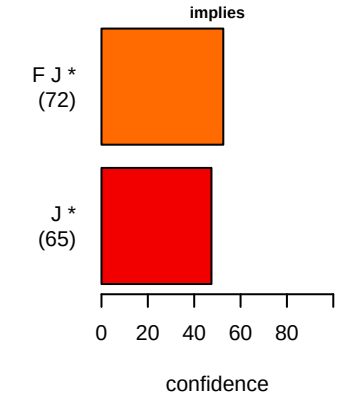
A,V (184)



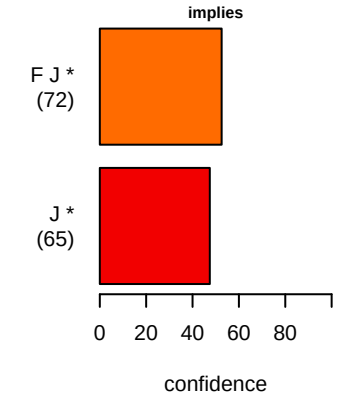
D,G,O (312)



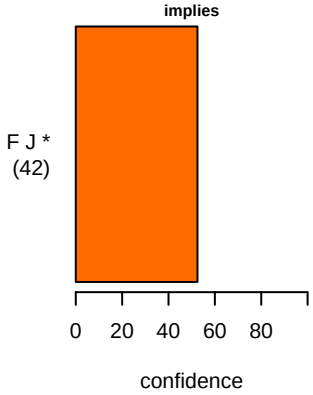
D1,K1,M1,R1 (137)



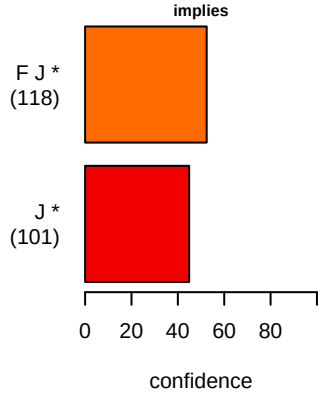
D1,K1,M1 (137)



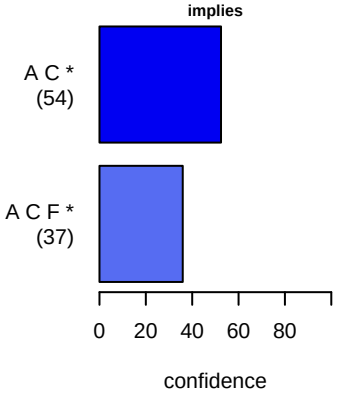
K1,R1,W1 (80)



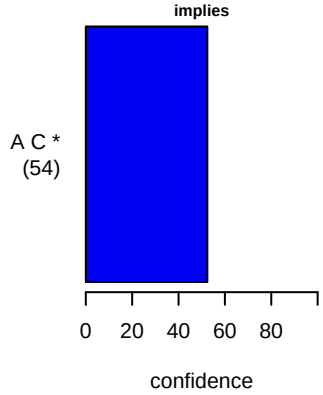
K1,M1,R1 (225)



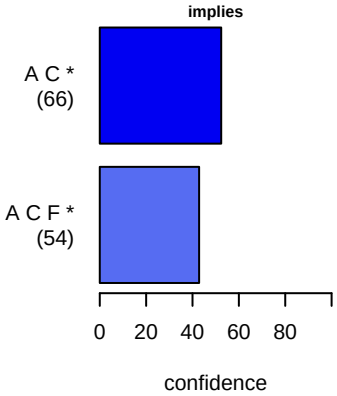
D,G,O,U (103)



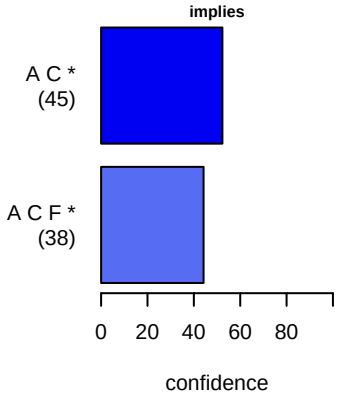
A,M,W1 (103)



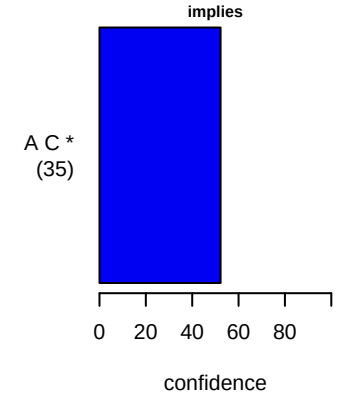
A,D,M,U (126)



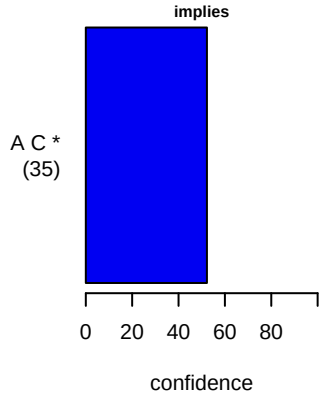
G,M,N,O,U (86)



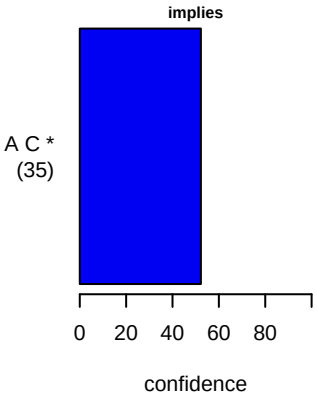
D,G,J,N,O,U (67)



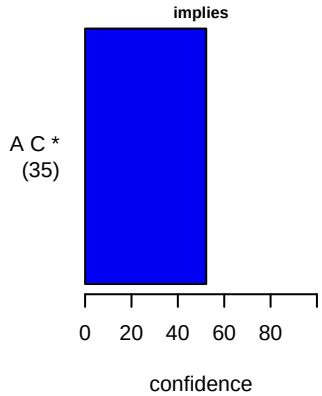
D,J,N,O,U (67)



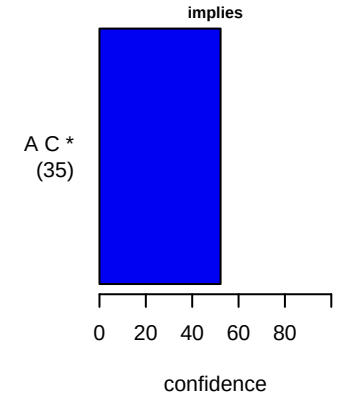
G,J,N,O,U (67)



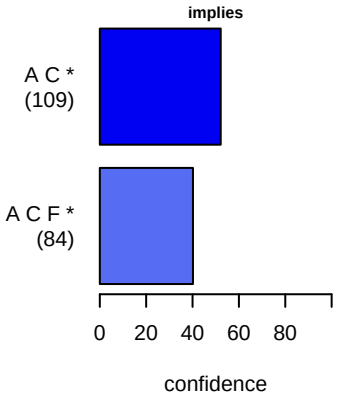
J,N,O,U (67)



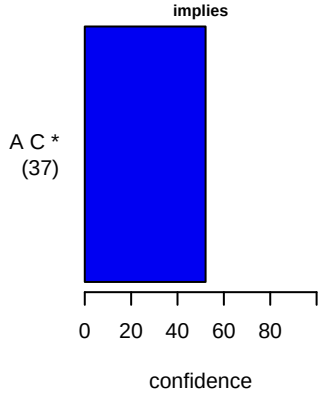
D,O,W1 (67)



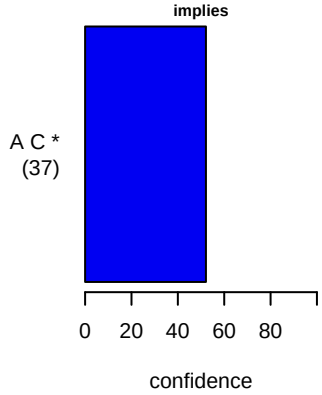
D,G,M,N,O (209)



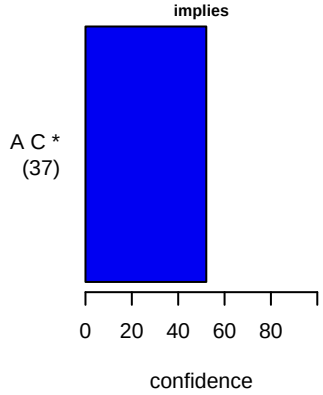
D,G,J,N,U (71)



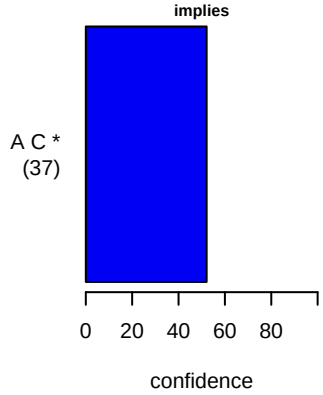
A,B,H,X1 (71)



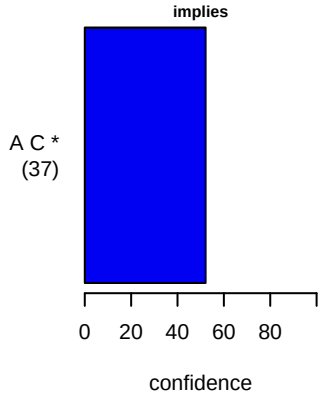
D,J,N,U (71)



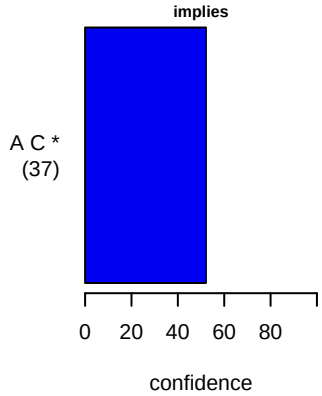
G,J,N,U (71)



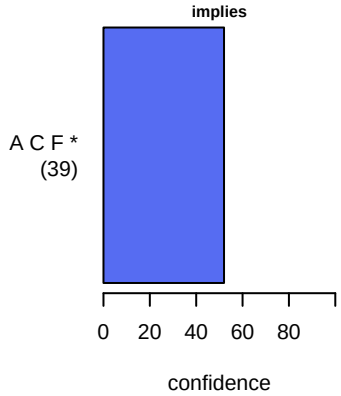
B,H,X1 (71)



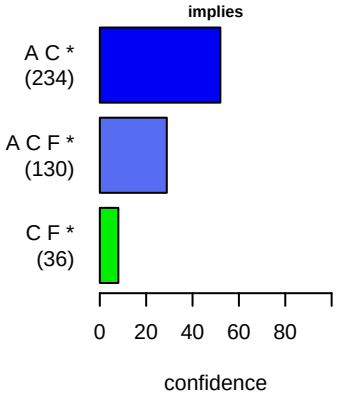
J,N,U (71)



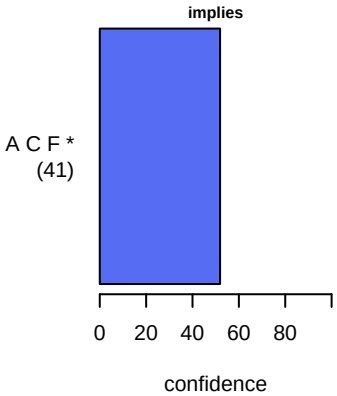
N,O,U,V (75)



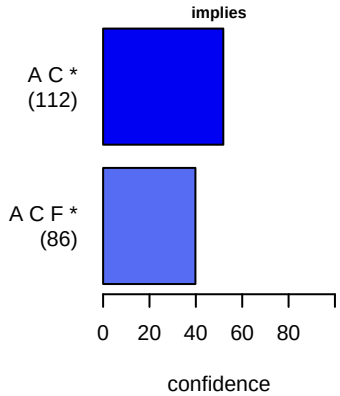
G,M (450)



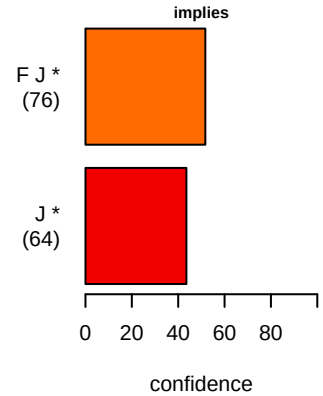
O,U,V (79)



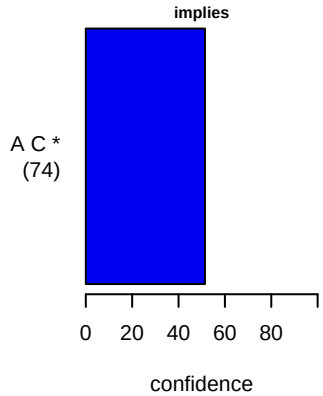
G,M,N,O (216)



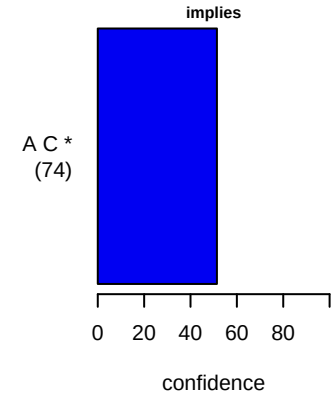
D1,M1,Q1,R1 (147)



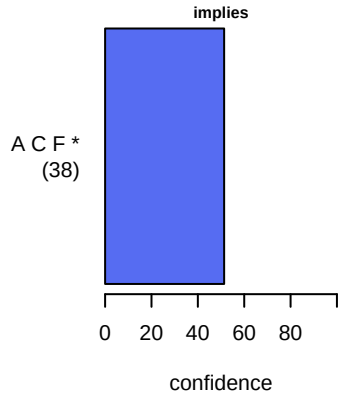
G,H,N (144)



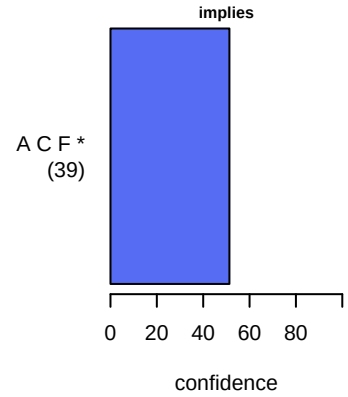
H,N (144)



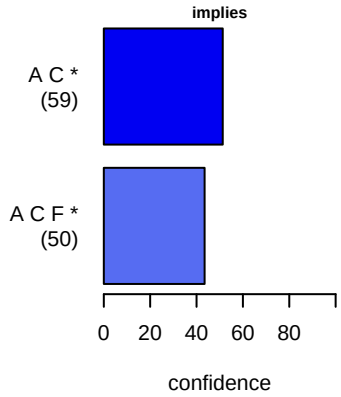
D,N,O,U,V (74)



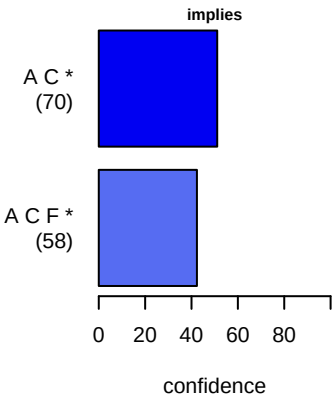
D,O,U,V (76)



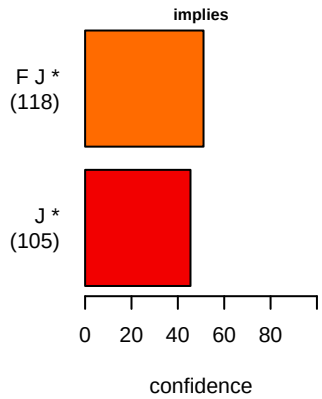
A,O,U (115)



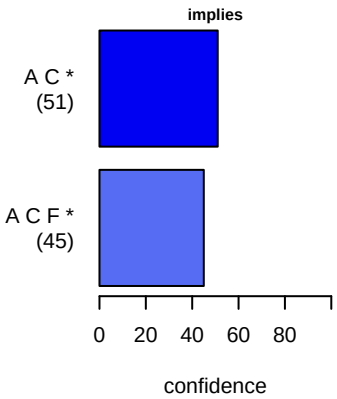
A,D,U (137)



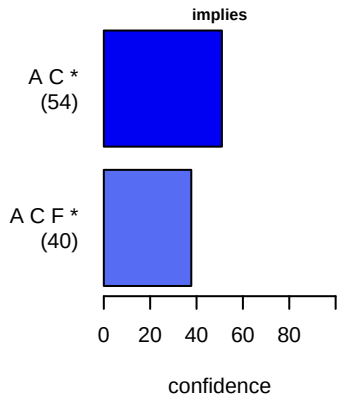
K1,M1 (231)



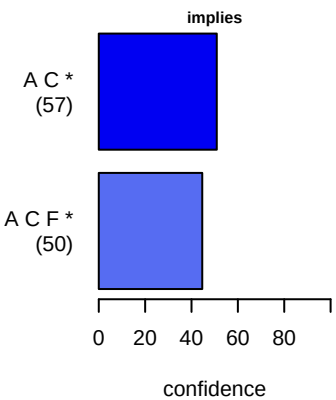
A,D,N,O,U (100)



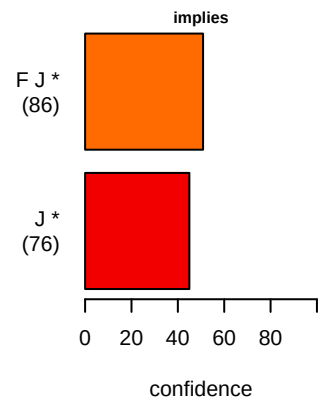
G,O,U (106)



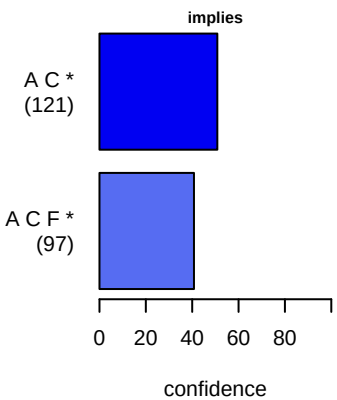
A,D,M,N,U (112)



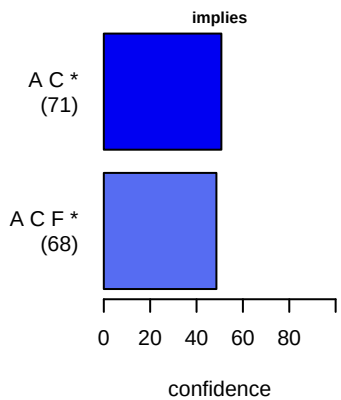
D1,M1,R1 (169)



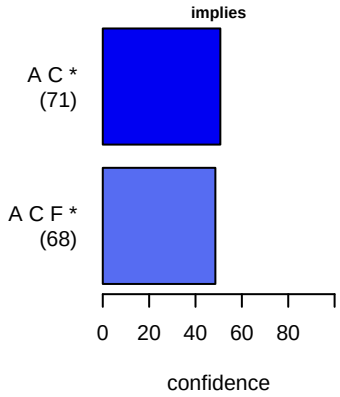
D,G,M,N (238)



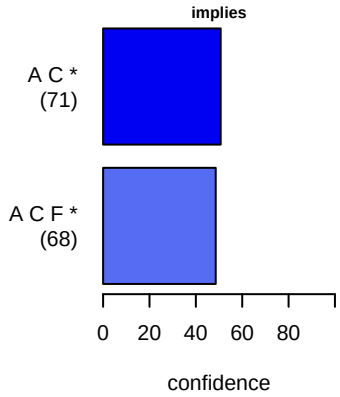
A,D,M,O,P (140)



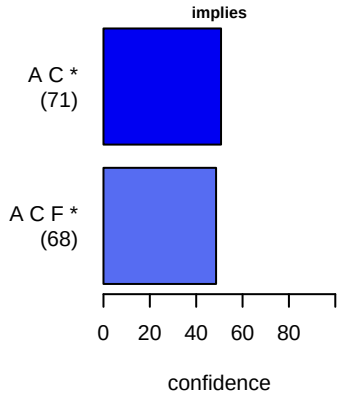
A,D,M,P (140)



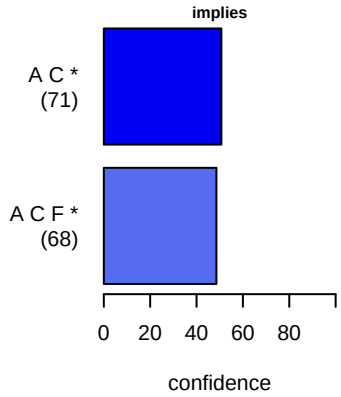
A,D,O,P (140)



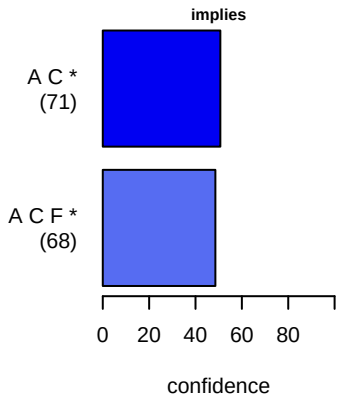
D,M,O,P (140)



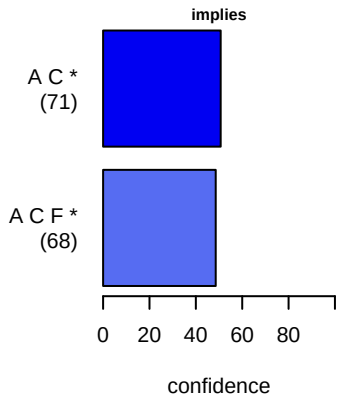
A,D,P (140)



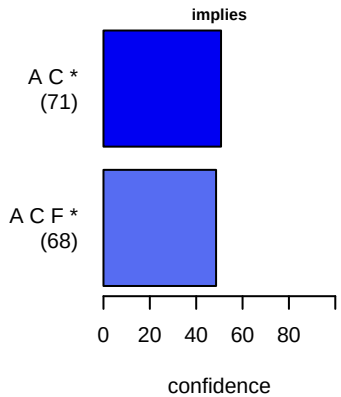
D,M,P (140)



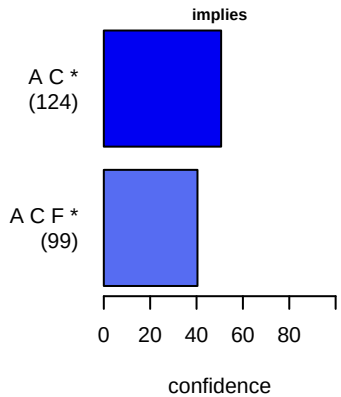
D,O,P (140)



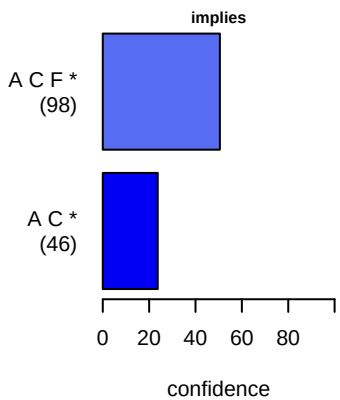
D,P (140)



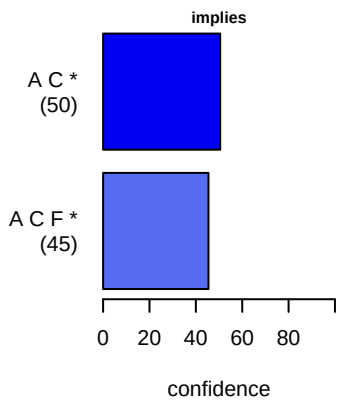
G,M,N (245)



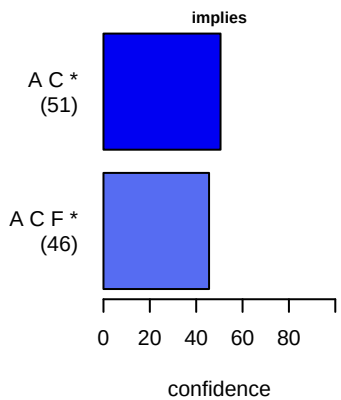
M,V (194)



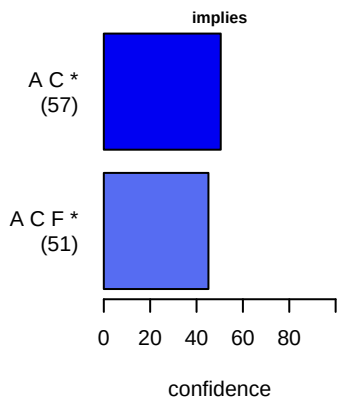
A,D,M,N,O,U (99)



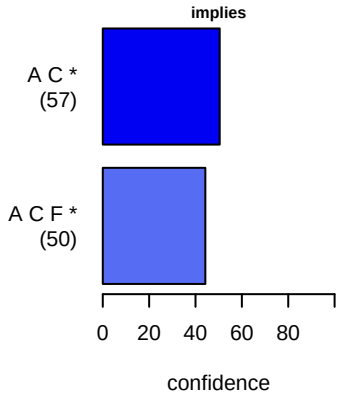
A,N,O,U (101)



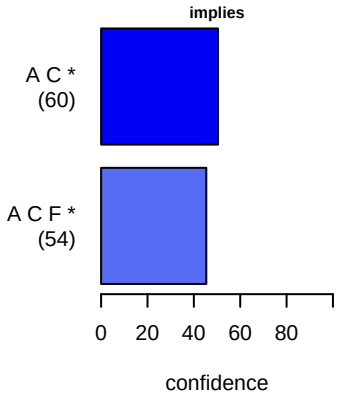
A,M,N,U (113)



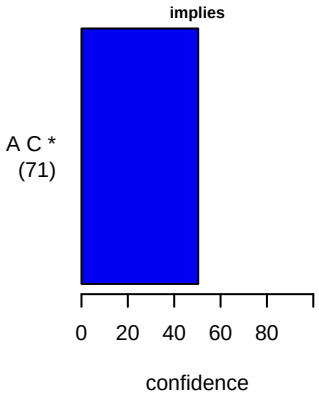
A,M,O,U (113)



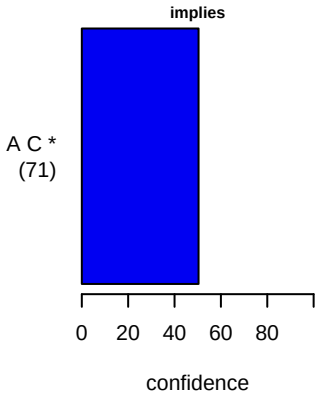
A,D,N,U (119)



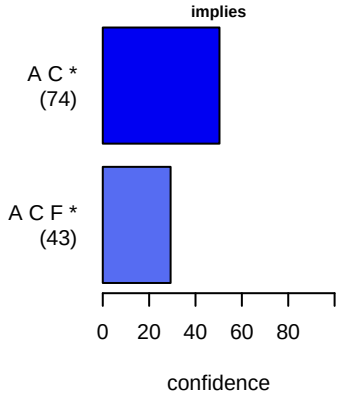
D,G,H,N (141)



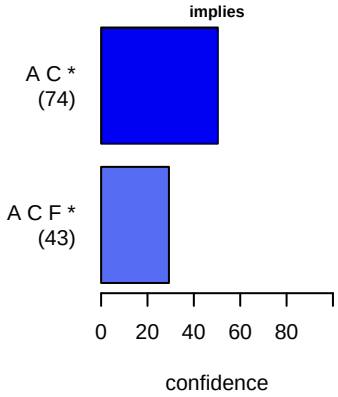
D,H,N (141)



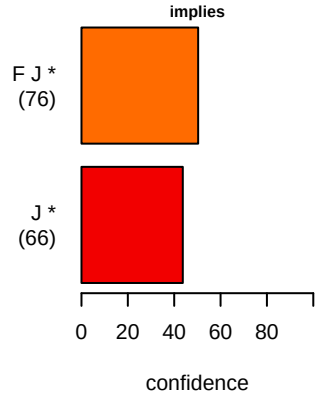
G,J,N,O (147)



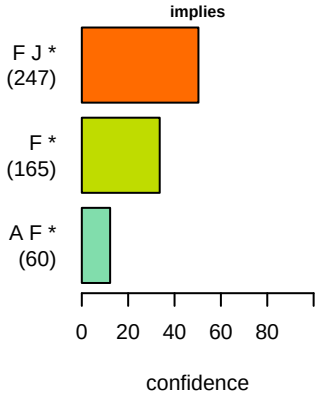
J,N,O (147)



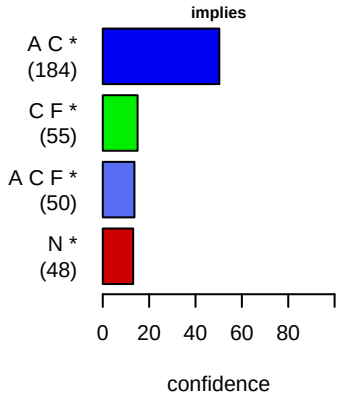
D1,M1,Q1 (151)



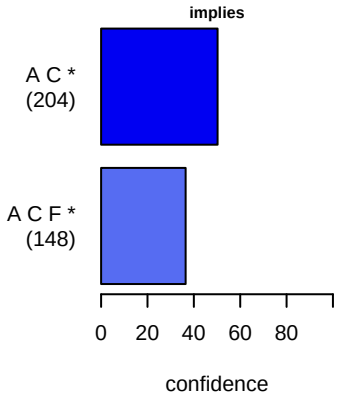
A1,Q1 (491)



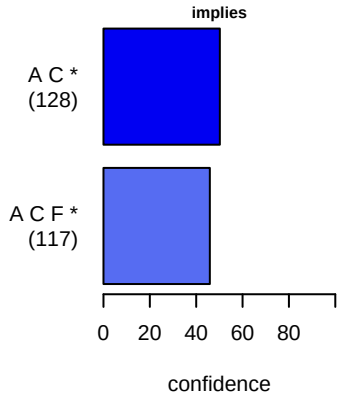
A,G,H (366)



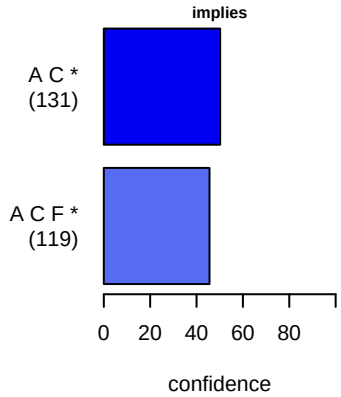
M,O (406)



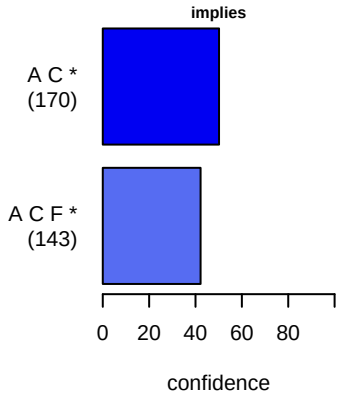
A,D,N,O (255)



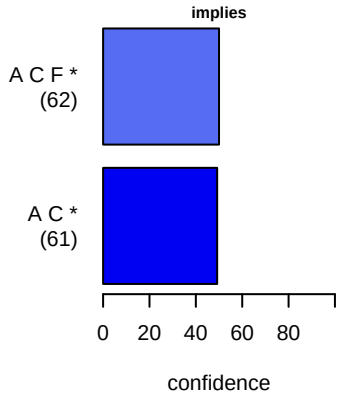
A,N,O (261)



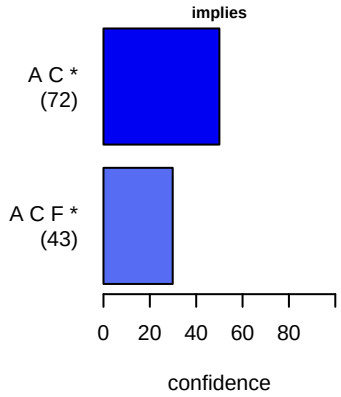
D,M,O (339)



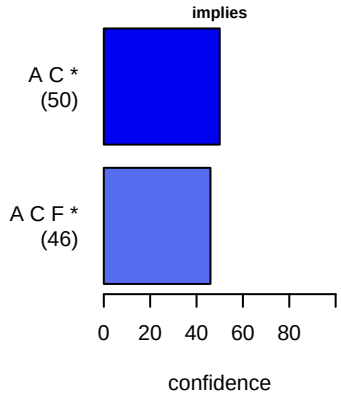
A,D,M,N,O,P (124)



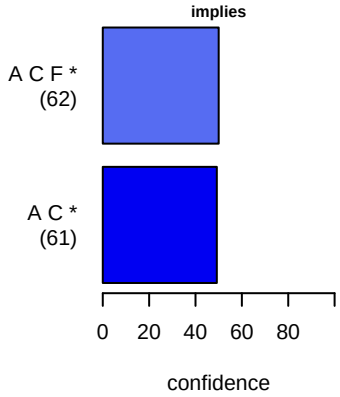
D,G,J,N,O (144)



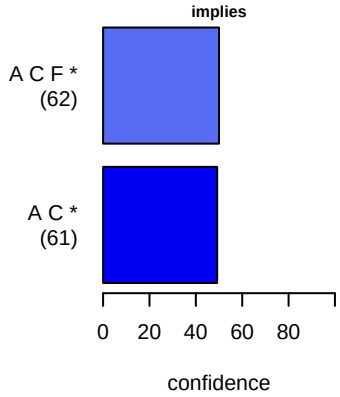
A,M,N,O,U (100)



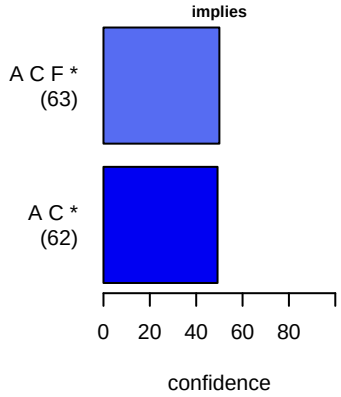
A,D,M,N,P (124)



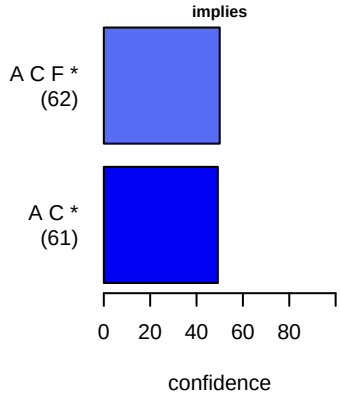
A,D,N,O,P (124)



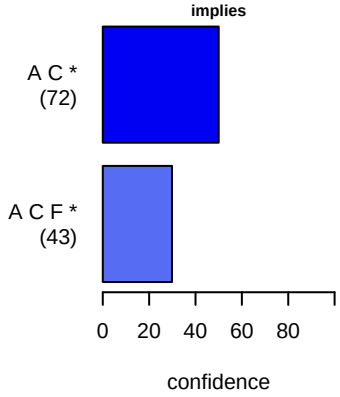
A,M,N,O,P (126)



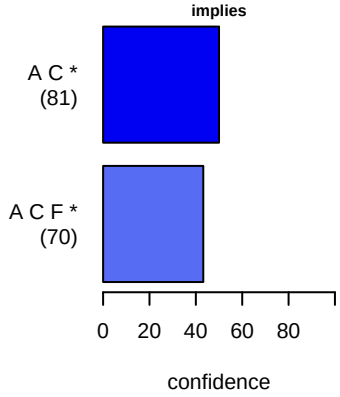
D,M,N,O,P (124)



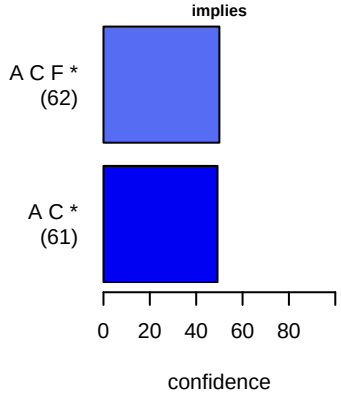
D,J,N,O (144)



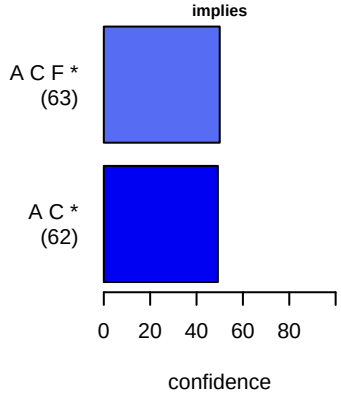
A,M,O,P (162)



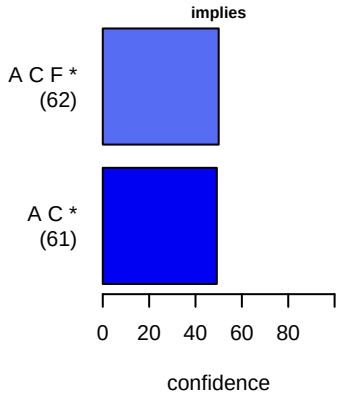
A,D,N,P (124)



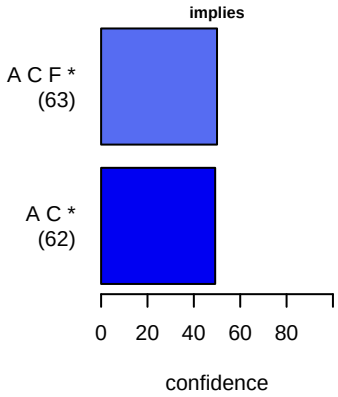
A,M,N,P (126)



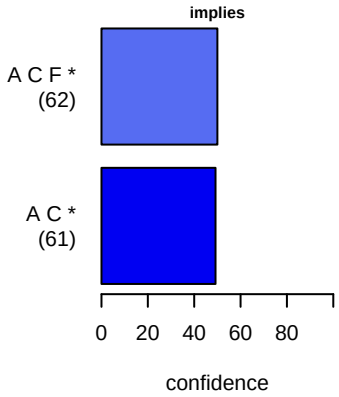
D,M,N,P (124)



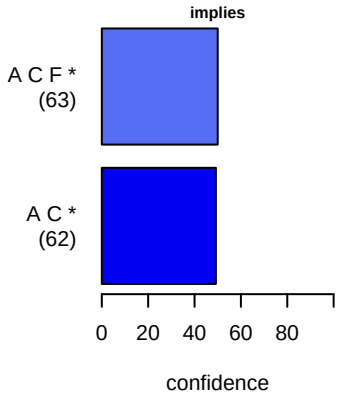
A,N,O,P (126)



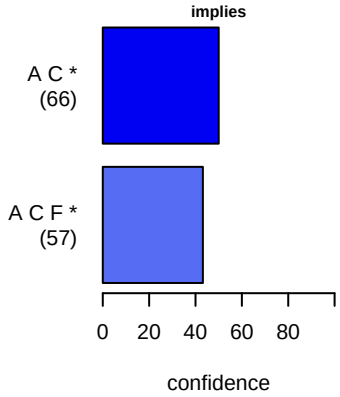
D,N,O,P (124)



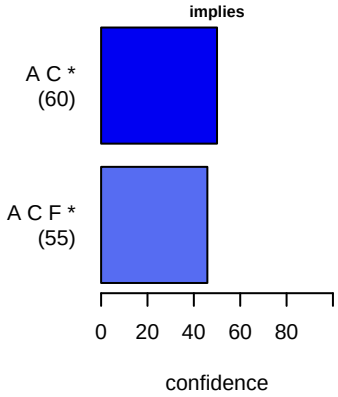
M,N,O,P (126)



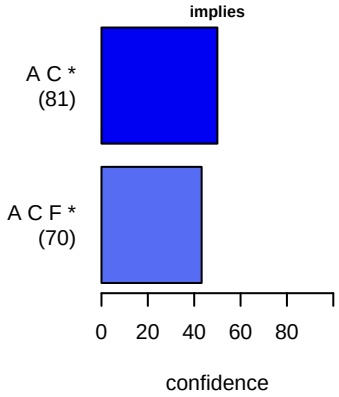
A,M,U (132)



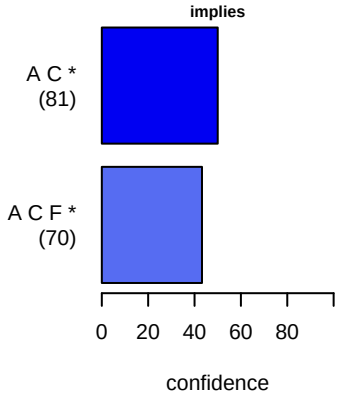
A,N,U (120)



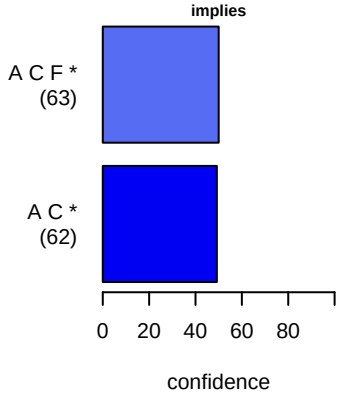
A,O,P (162)



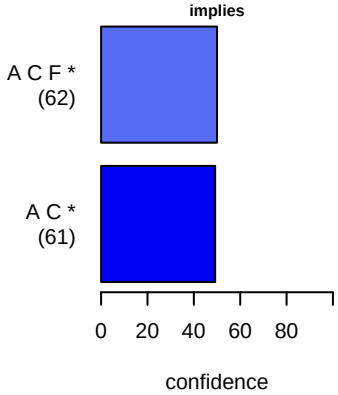
M,O,P (162)



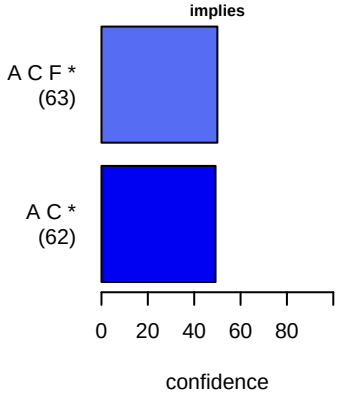
A,N,P (126)



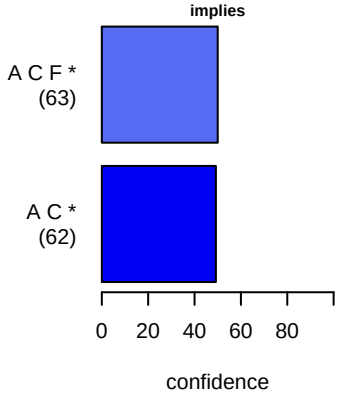
D,N,P (124)

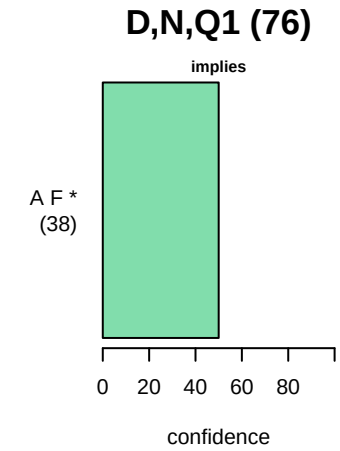


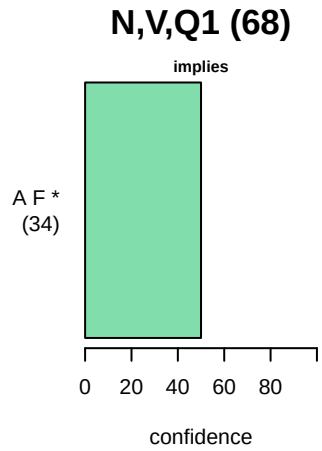
M,N,P (126)

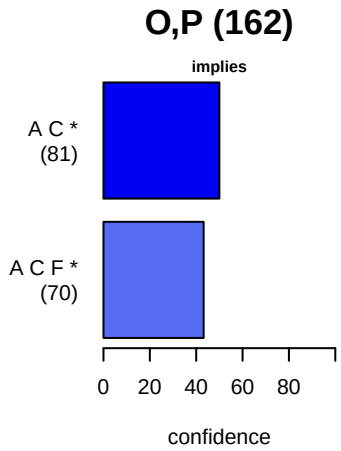


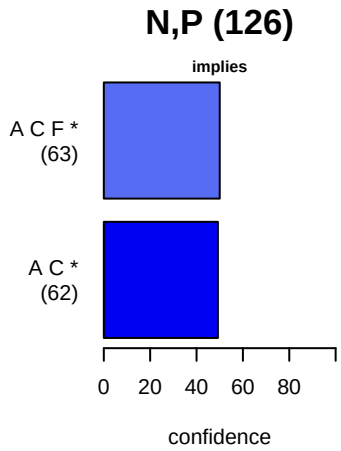
N,O,P (126)

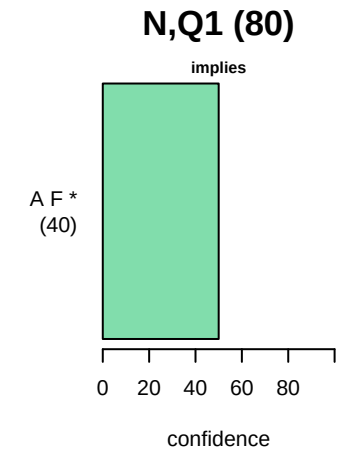


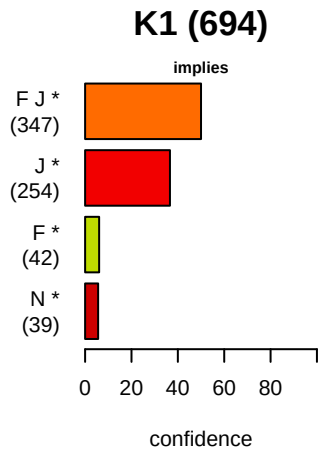

D,N,Q1 (76)
implies
A F *
(38)
0 20 40 60 80
confidence

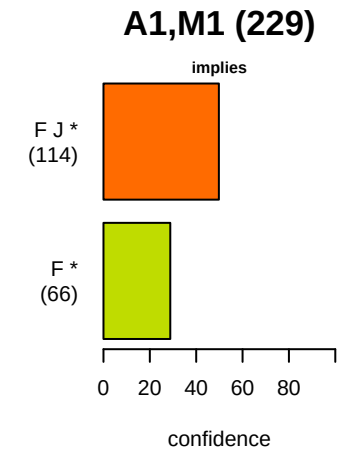

N,V,Q1 (68)
implies
A F *
(34)
0 20 40 60 80
confidence

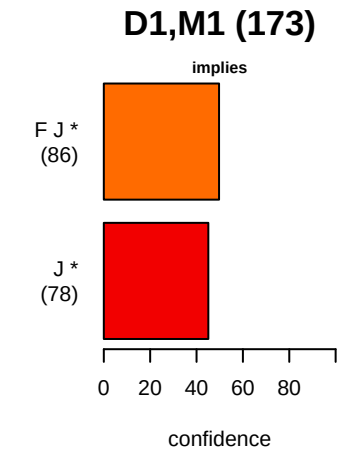

O,P (162)
implies
A C *
(81)
A C F *
(70)
0 20 40 60 80
confidence

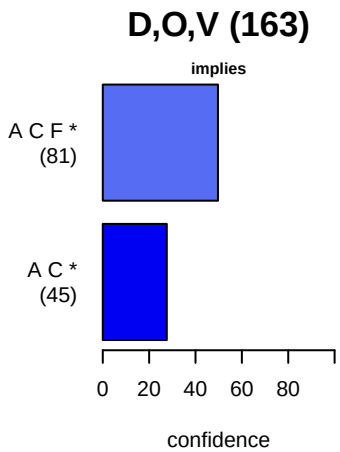

N,P (126)
implies
A C F *
(63)
A C *
(62)
0 20 40 60 80
confidence

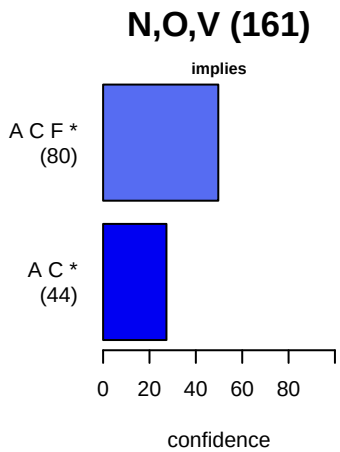

N,Q1 (80)
implies
A F *
(40)
0 20 40 60 80
confidence

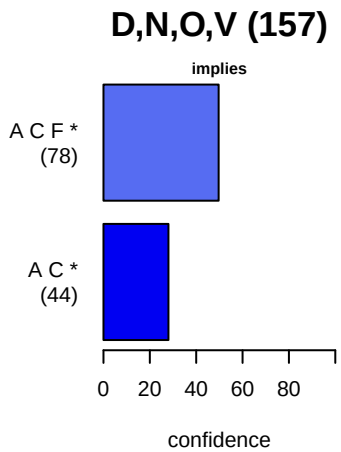

K1 (694)
implies
F J *
(347)
J *
(254)
F *
(42)
N *
(39)
0 20 40 60 80
confidence

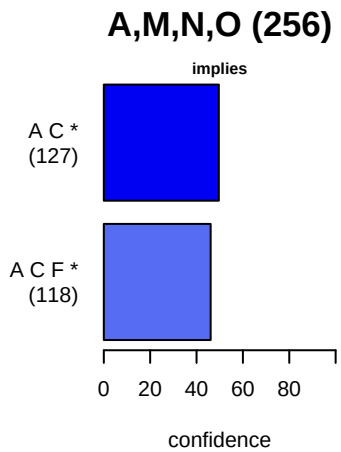

A1,M1 (229)
implies
F J *
(114)
F *
(66)
0 20 40 60 80
confidence


D1,M1 (173)
implies
F J *
(86)
J *
(78)
0 20 40 60 80
confidence

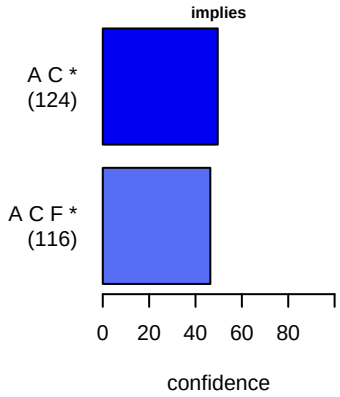

D,O,V (163)
implies
A C F *
(81)
A C *
(45)
0 20 40 60 80
confidence


N,O,V (161)
implies
A C F *
(80)
A C *
(44)
0 20 40 60 80
confidence

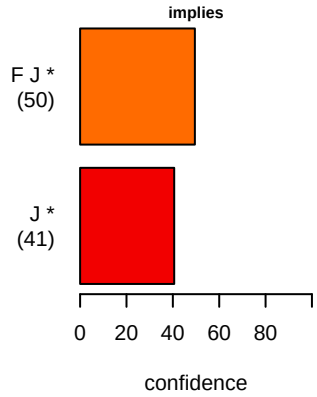

D,N,O,V (157)
implies
A C F *
(78)
A C *
(44)
0 20 40 60 80
confidence


A,M,N,O (256)
implies
A C *
(127)
A C F *
(118)
0 20 40 60 80
confidence

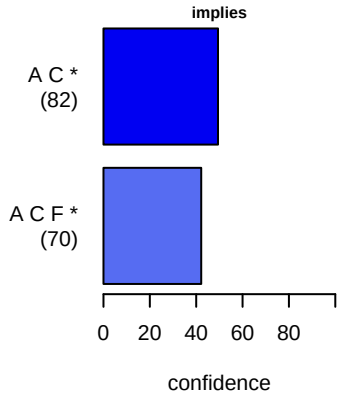
A,D,M,N,O (250)



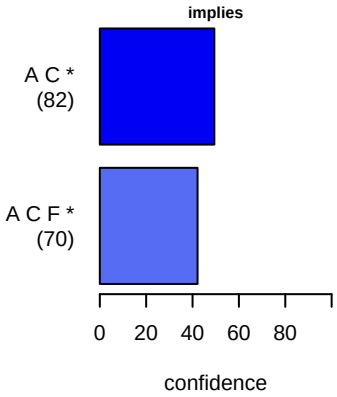
R1,W1 (101)



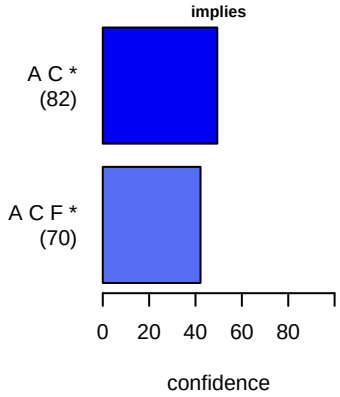
A,M,P (166)



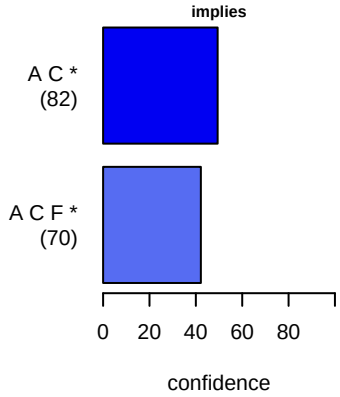
A,P (166)



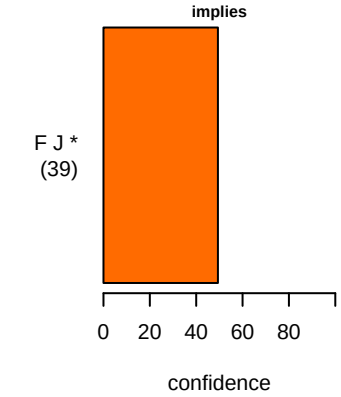
M,P (166)



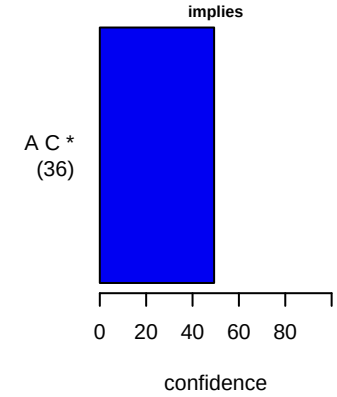
P (166)



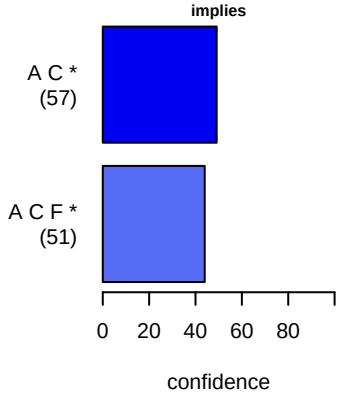
Z,D1,R1 (79)



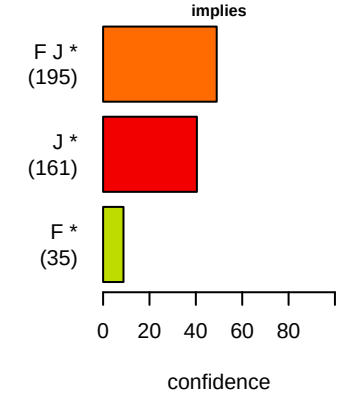
A,I,W1 (73)



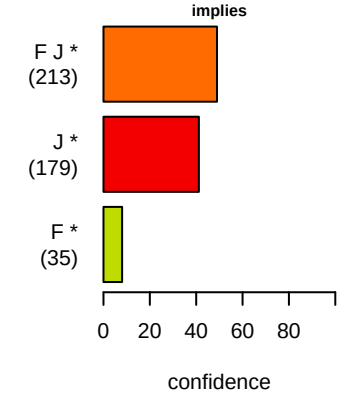
D,M,O,U (116)



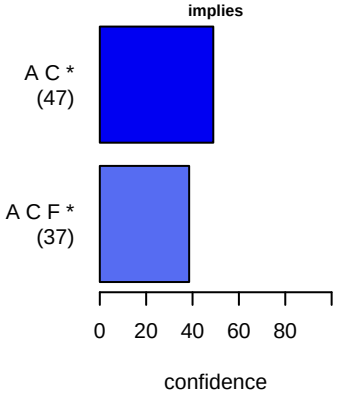
D1,Q1,R1 (398)



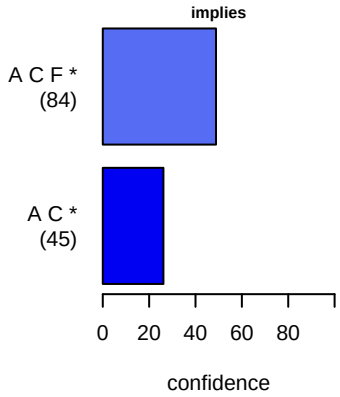
D1,R1 (435)



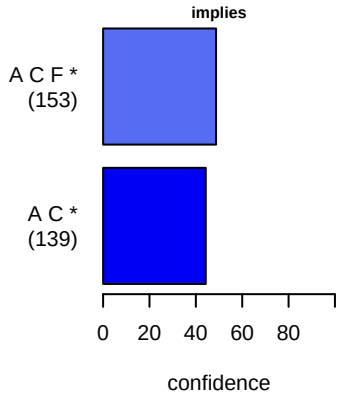
D,G,N,O,U (96)



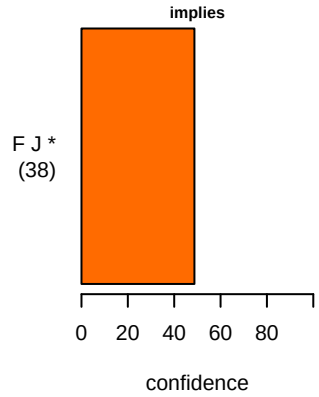
O,V (172)



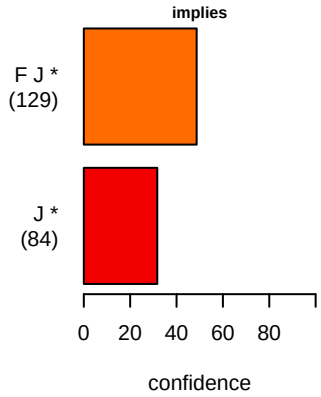
A,D,M,N (314)



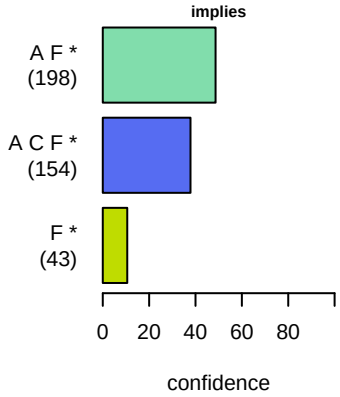
Z,D1,Q1,R1 (78)



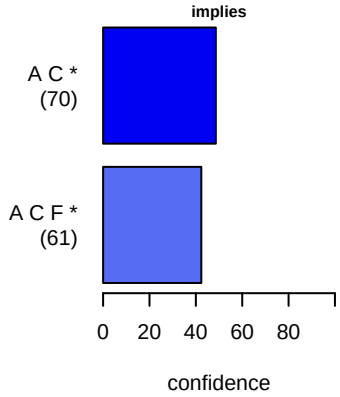
K1,X1 (265)



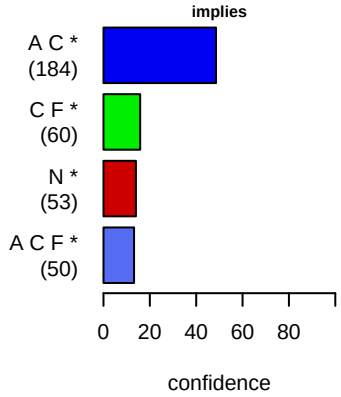
D,A1 (407)



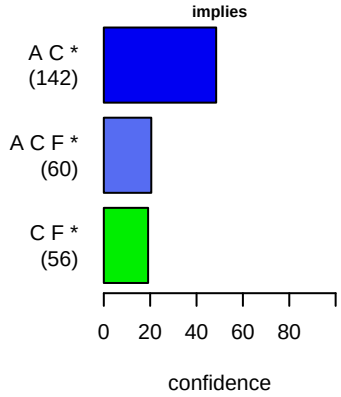
A,U (144)



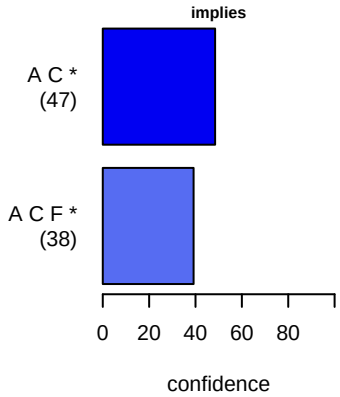
A,H (379)



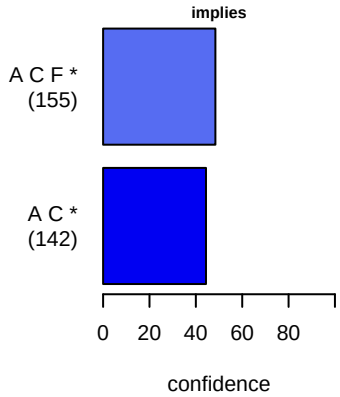
A,I,M (293)



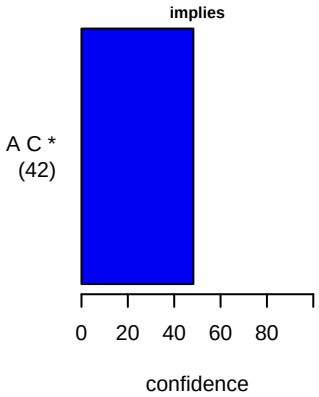
G,N,O,U (97)



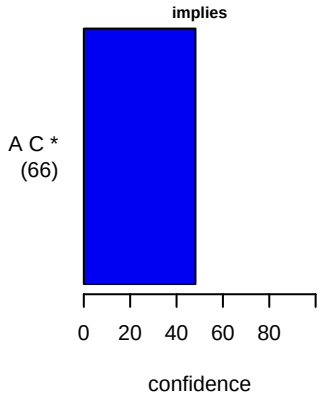
A,M,N (320)

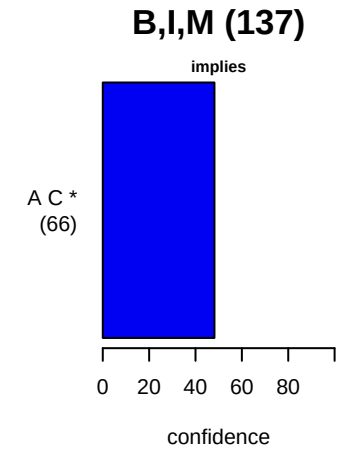


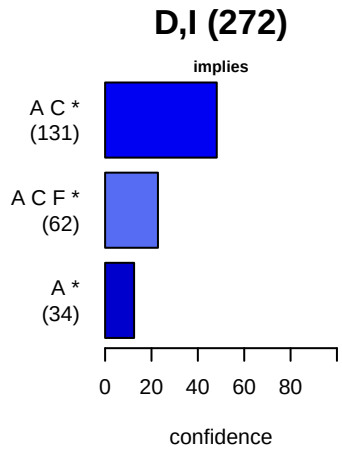
A,G,H,I,X1 (87)

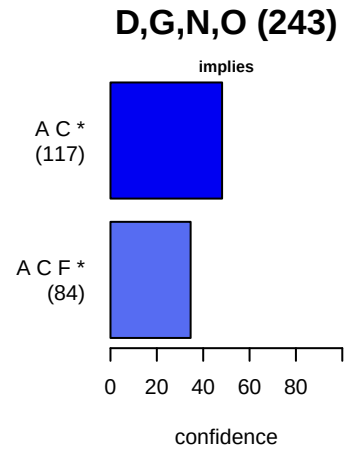


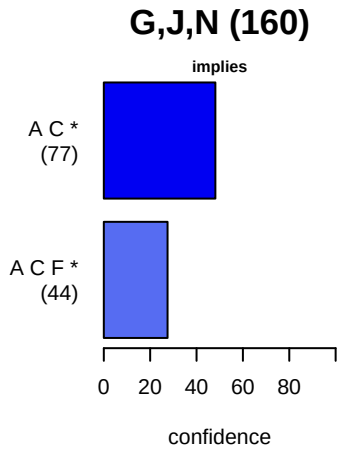
A,B,I,M (137)

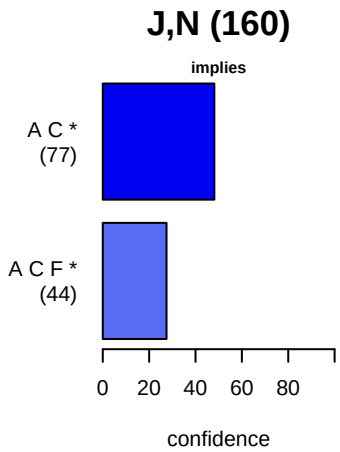


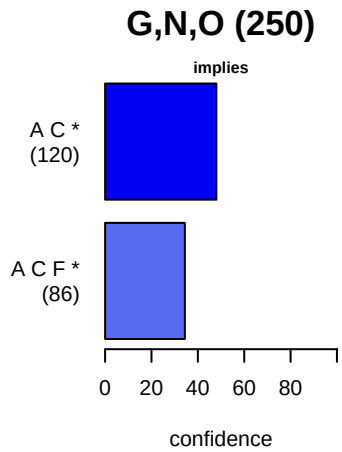

B,I,M (137)
implies
A C *
(66)
0 20 40 60 80
confidence

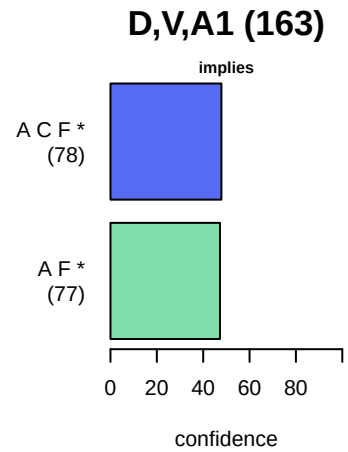

D,I (272)
implies
A C *
(131)
A C F *
(62)
A *
(34)
0 20 40 60 80
confidence

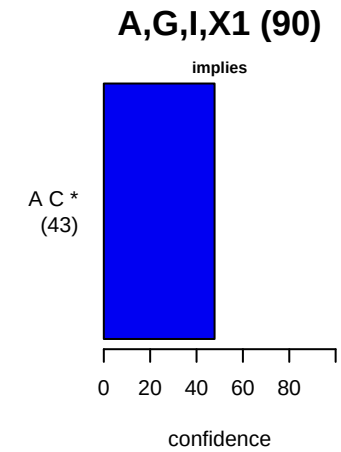

D,G,N,O (243)
implies
A C *
(117)
A C F *
(84)
0 20 40 60 80
confidence

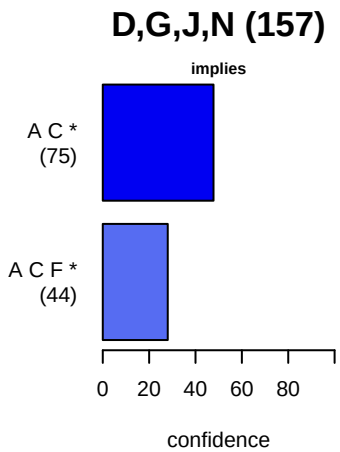

G,J,N (160)
implies
A C *
(77)
A C F *
(44)
0 20 40 60 80
confidence

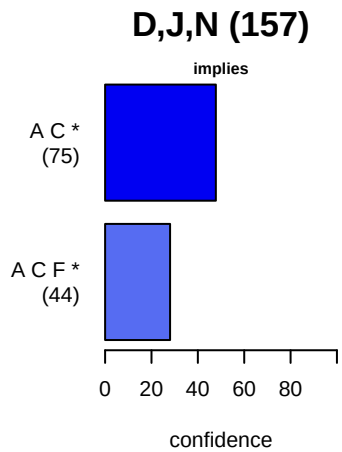

J,N (160)
implies
A C *
(77)
A C F *
(44)
0 20 40 60 80
confidence

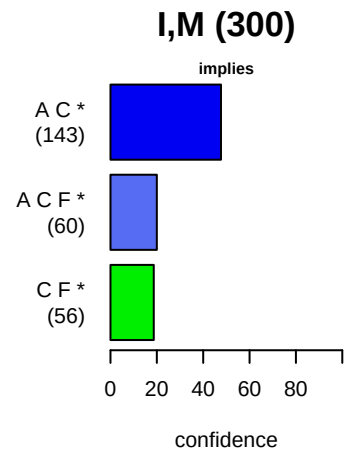

G,N,O (250)
implies
A C *
(120)
A C F *
(86)
0 20 40 60 80
confidence

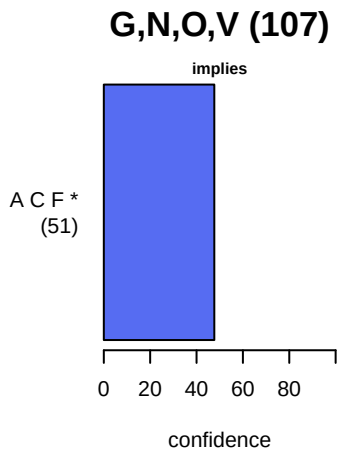

D,V,A1 (163)
implies
A C F *
(78)
A F *
(77)
0 20 40 60 80
confidence


A,G,I,X1 (90)
implies
A C *
(43)
0 20 40 60 80
confidence

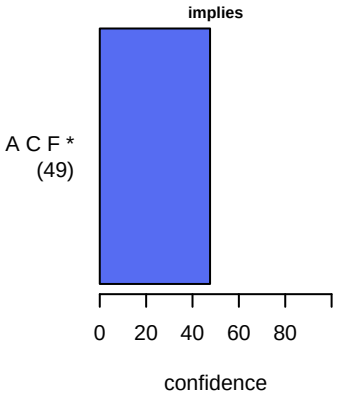

D,G,J,N (157)
implies
A C *
(75)
A C F *
(44)
0 20 40 60 80
confidence


D,J,N (157)
implies
A C *
(75)
A C F *
(44)
0 20 40 60 80
confidence

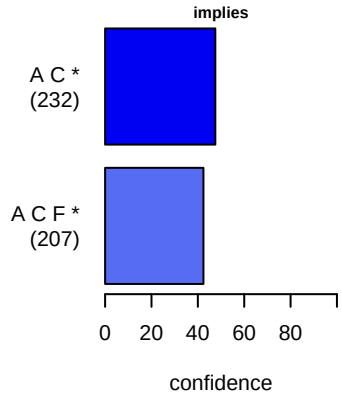

I,M (300)
implies
A C *
(143)
A C F *
(60)
C F *
(56)
0 20 40 60 80
confidence


G,N,O,V (107)
implies
A C F *
(51)
0 20 40 60 80
confidence

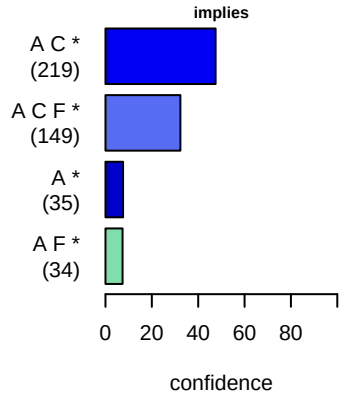
D,G,N,O,V (103)



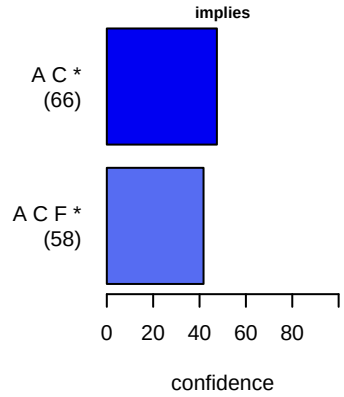
A,D,M (488)



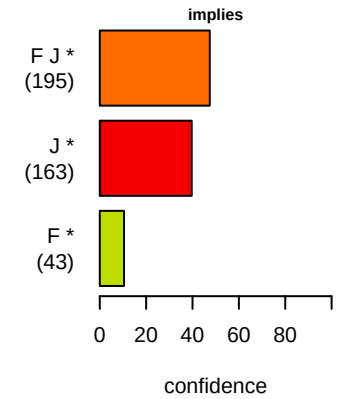
O (461)



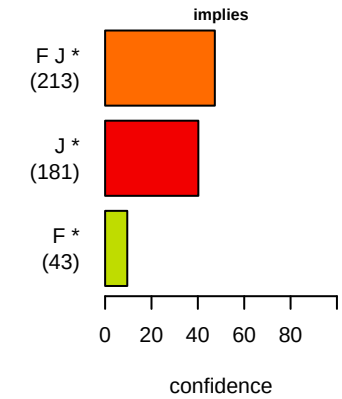
D,M,U (139)



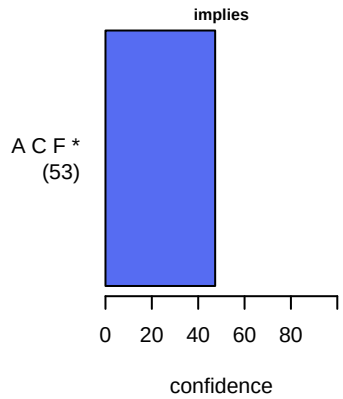
D1,Q1 (411)



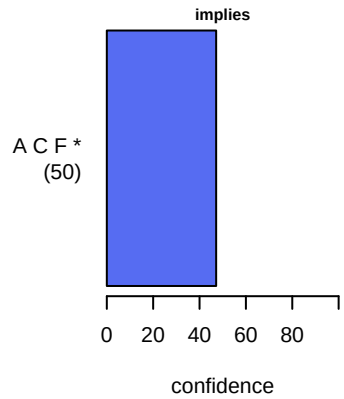
D1 (450)



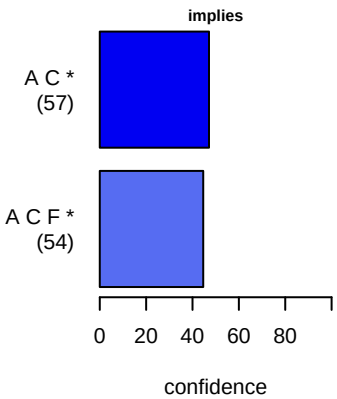
G,O,V (112)



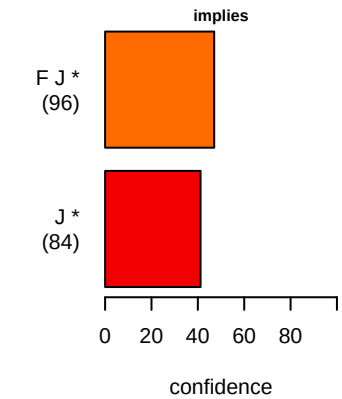
D,G,O,V (106)



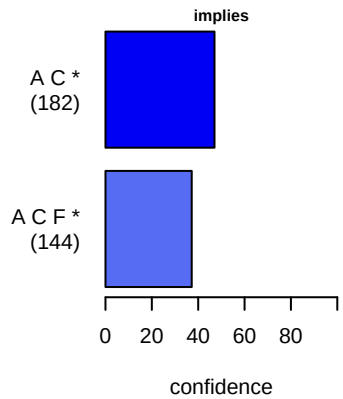
M,O,U (121)



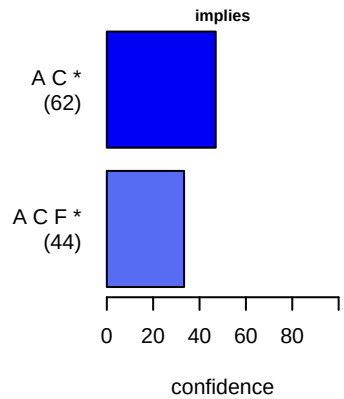
M1,Q1,R1 (204)



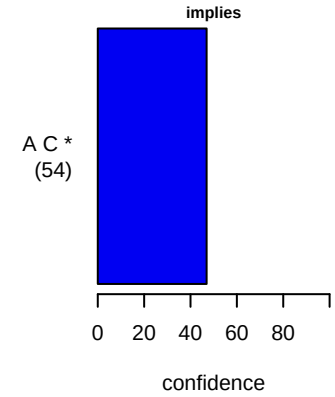
D,O (387)



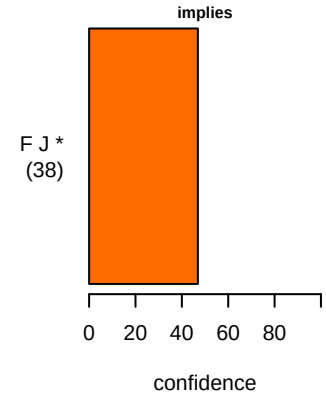
D,G,U (132)



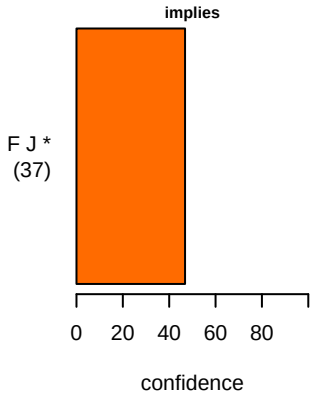
M,W1 (115)



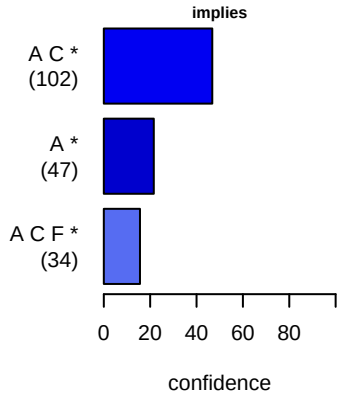
Z,A1 (81)



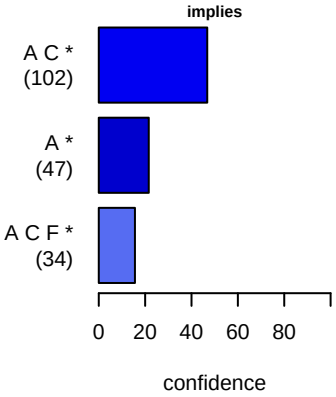
Z,A1,Q1 (79)



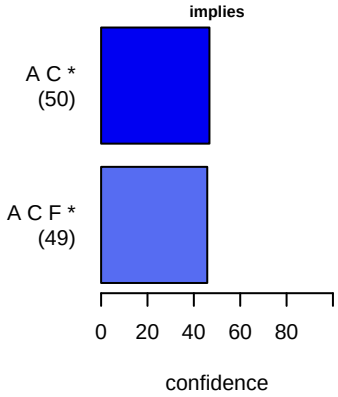
D,G,H,J (218)



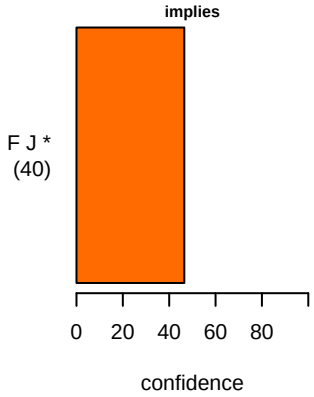
D,H,J (218)



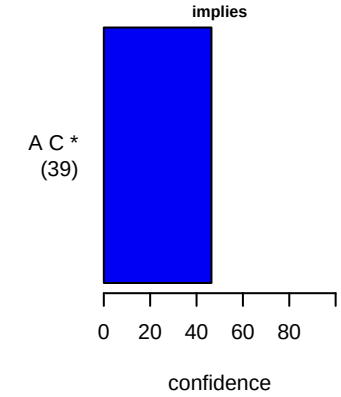
D,M,N,O,U (107)



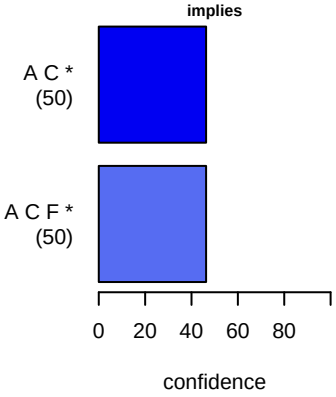
Z,R1 (86)



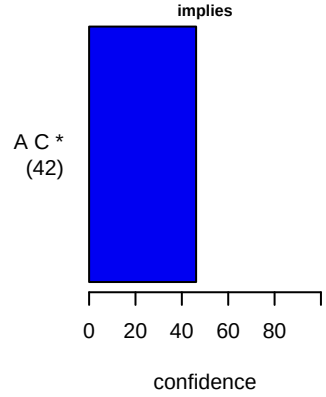
D,G,H,W1 (84)



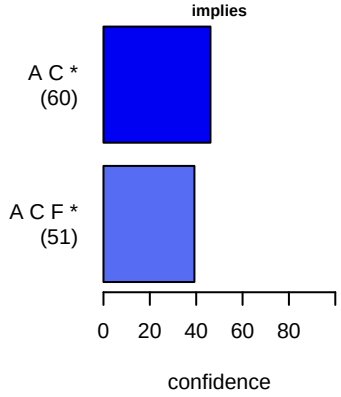
M,N,O,U (108)



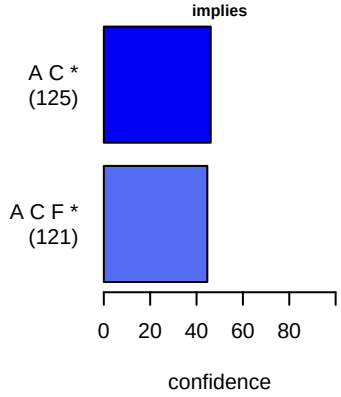
A,H,I,X1 (91)



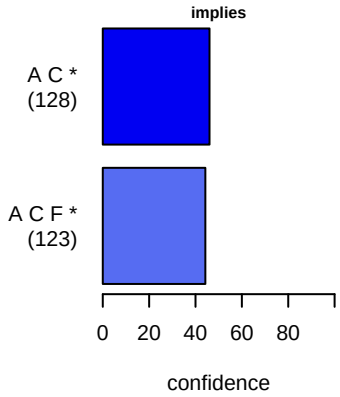
D,O,U (130)



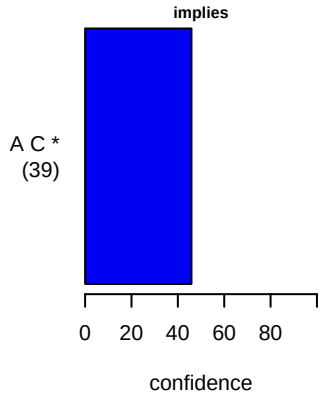
D,M,N,O (271)



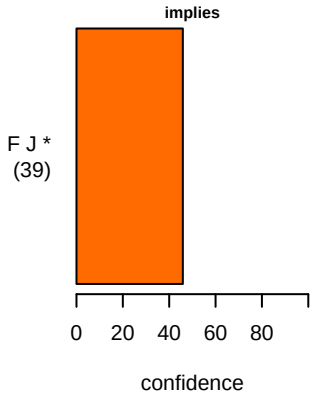
M,N,O (278)



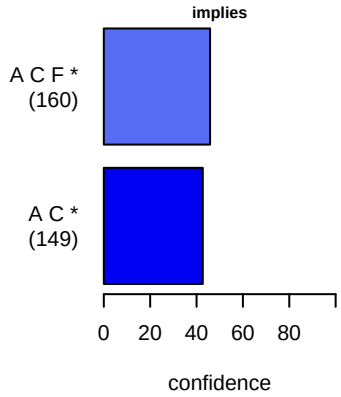
D,H,W1 (85)



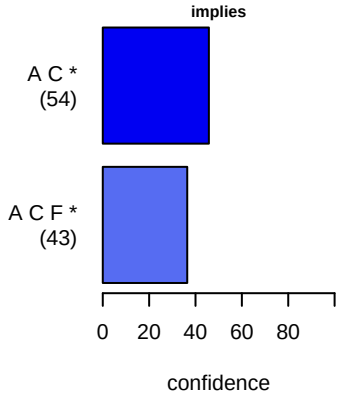
Z,Q1,R1 (85)



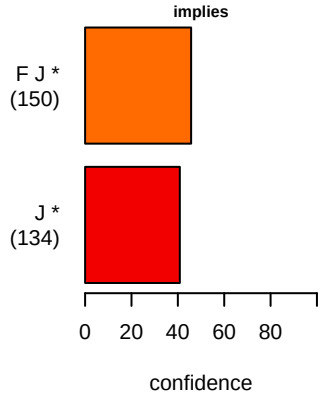
A,D,N (349)



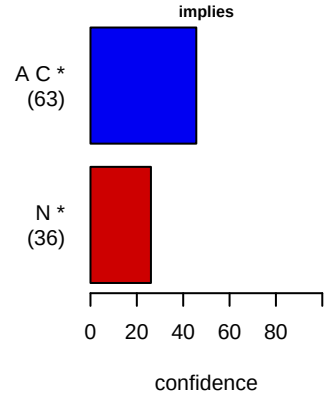
D,G,N,U (118)



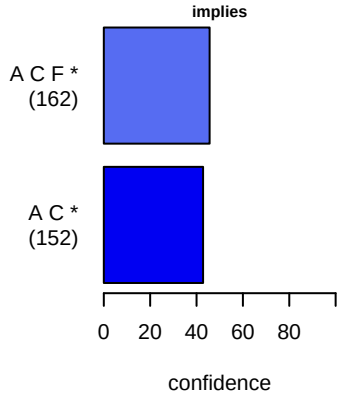
M1,R1 (328)



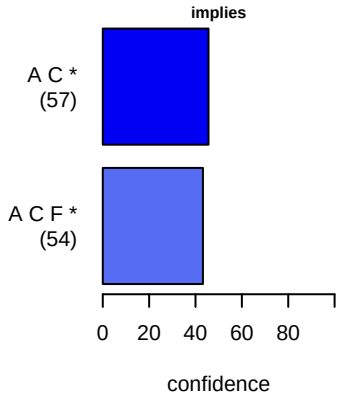
A,G,H,X1 (138)



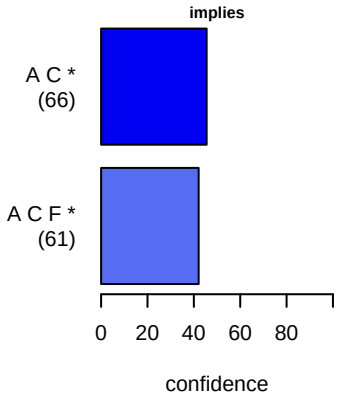
A,N (355)



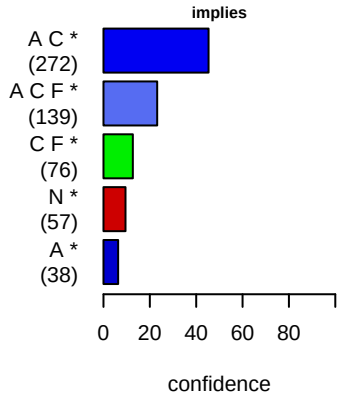
D,M,N,U (125)



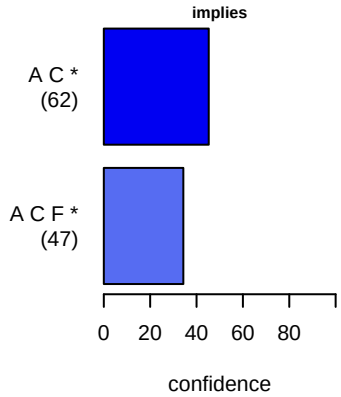
M,U (145)



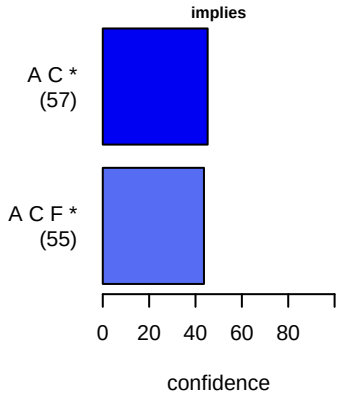
A,G (600)



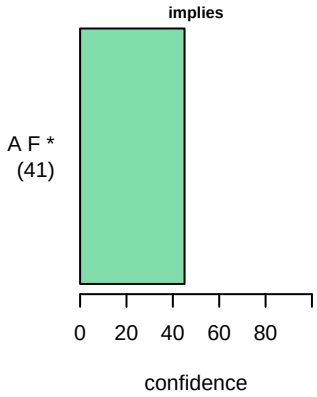
G,U (137)



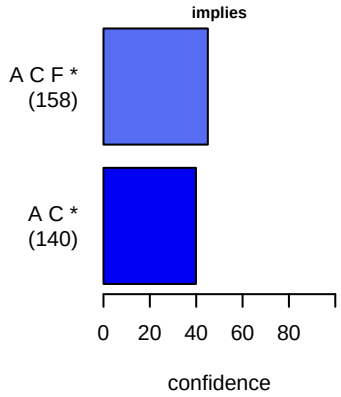
M,N,U (126)



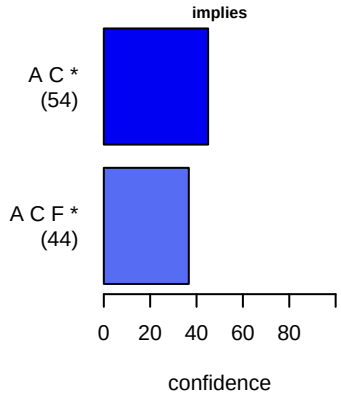
D,V,Q1 (91)



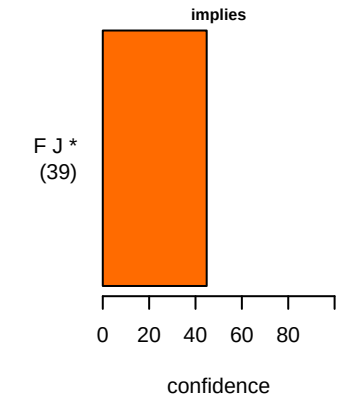
D,M,N (351)



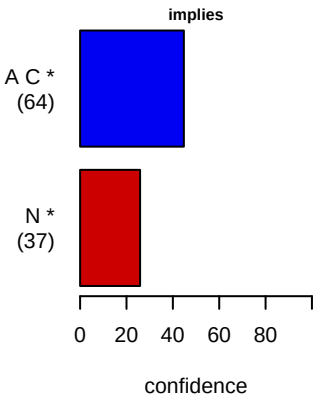
G,N,U (120)



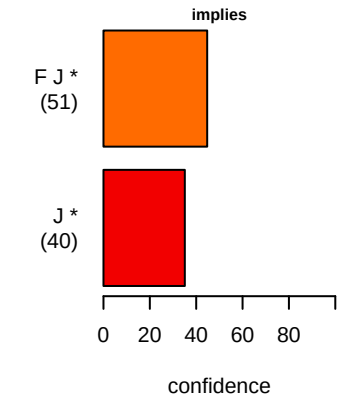
Z,D1 (87)



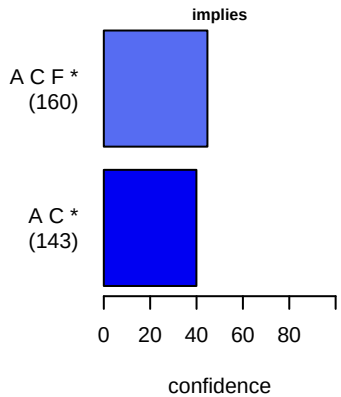
A,G,X1 (143)



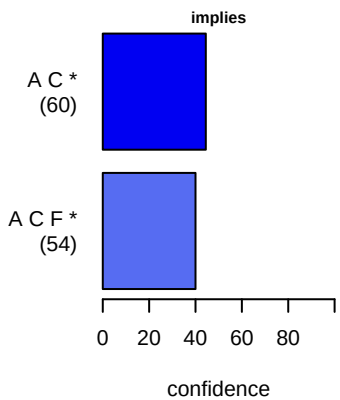
K1,W1 (114)



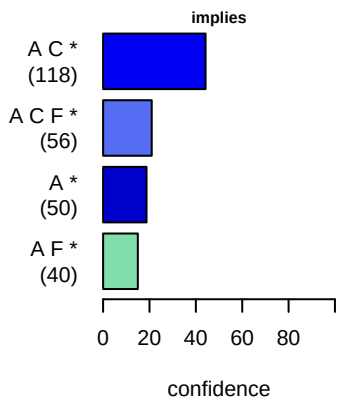
M,N (358)



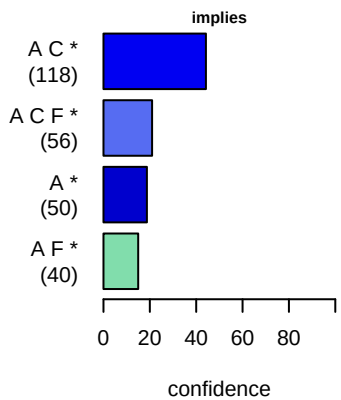
O,U (135)



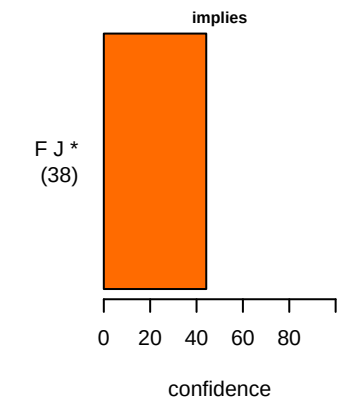
D,G,J (267)



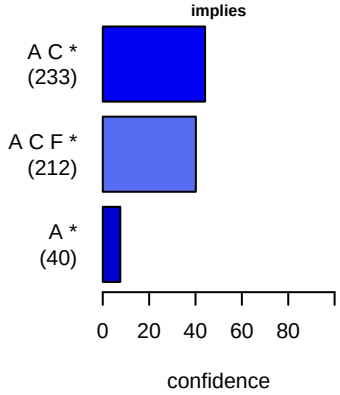
D,J (267)



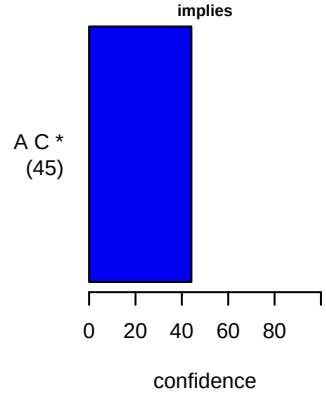
Z,D1,Q1 (86)



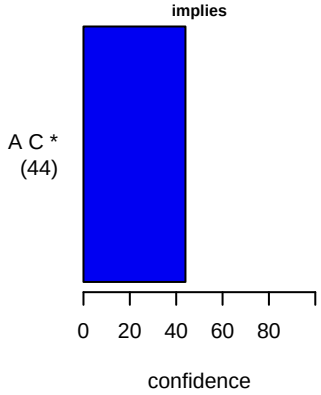
D,M (528)



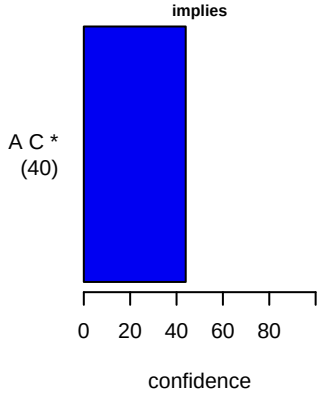
D,G,X1 (102)



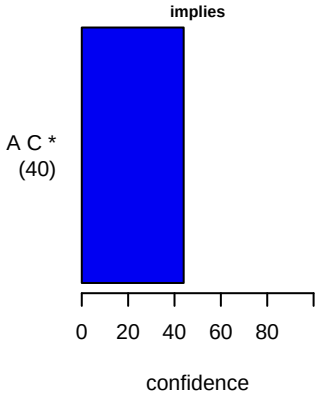
D,G,H,X1 (100)



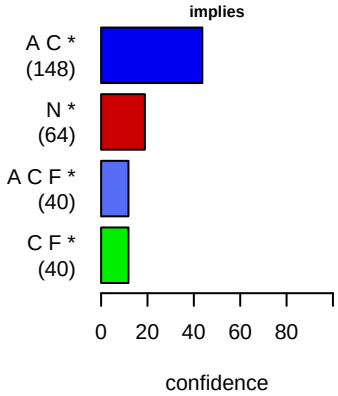
G,H,J,W1 (91)



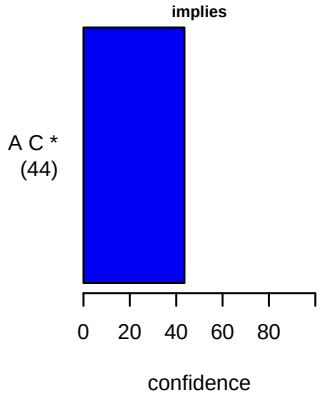
H,J,W1 (91)



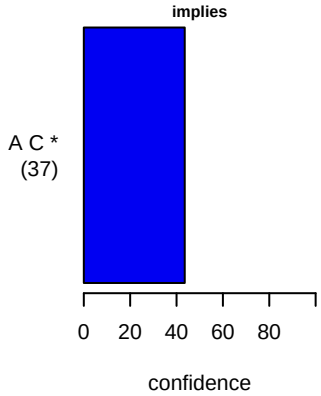
G,I (339)



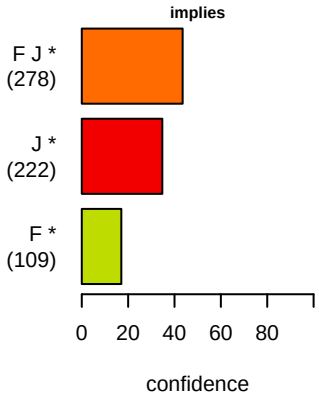
D,H,X1 (101)



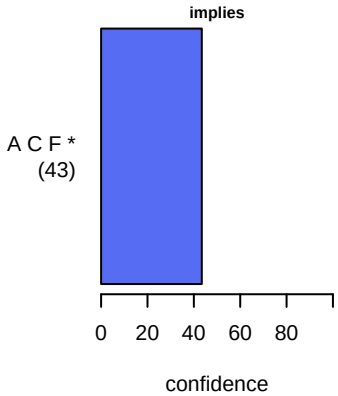
G,I,W1 (85)



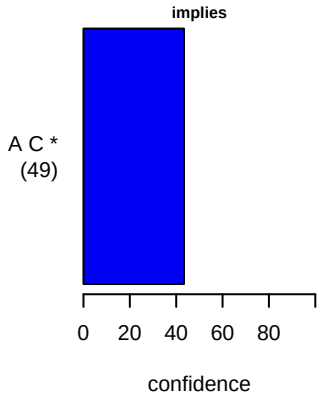
Q1,R1 (639)



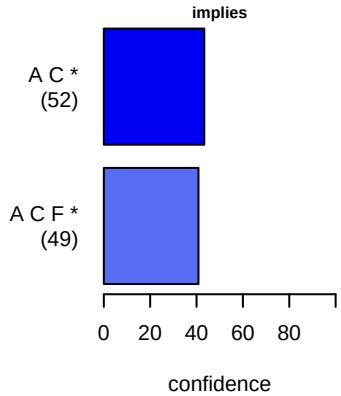
N,U,V (99)



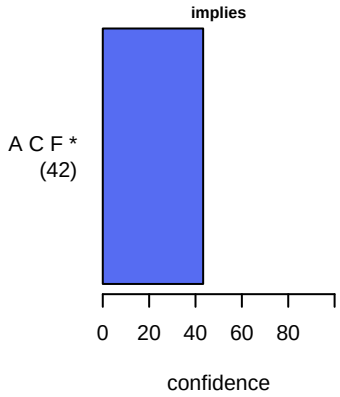
D,G,W1 (113)



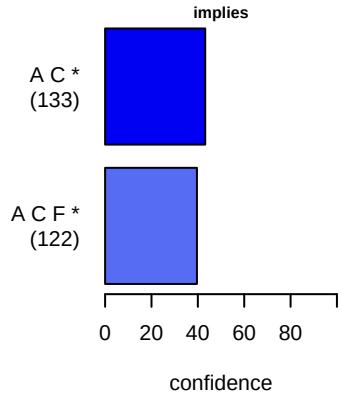
D,N,O,U (120)



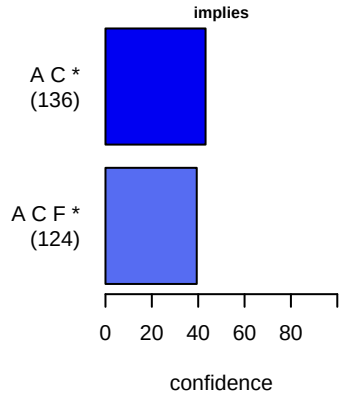
D,N,U,V (97)



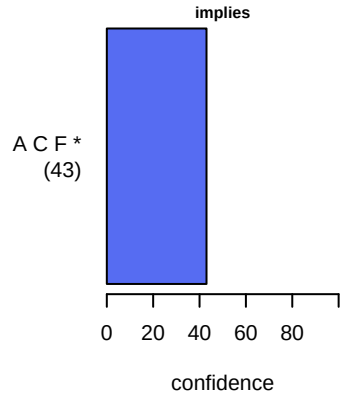
D,N,O (308)



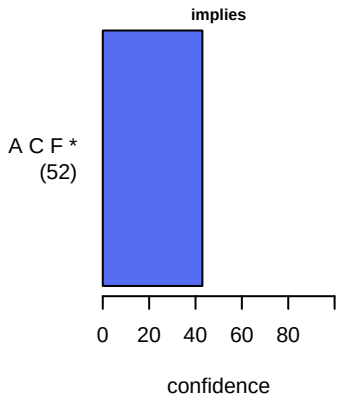
N,O (315)



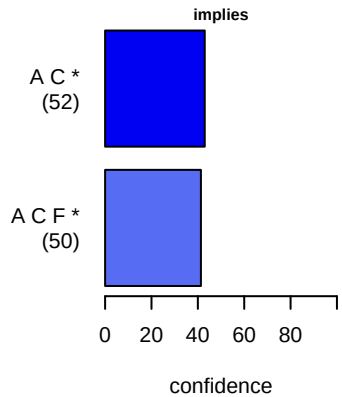
D,U,V (100)



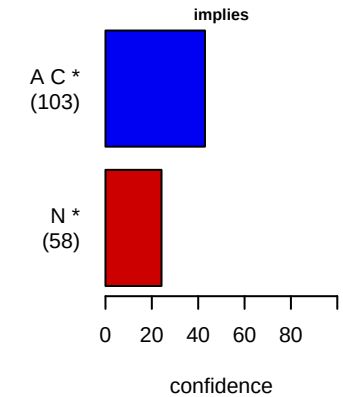
D,G,N,V (121)



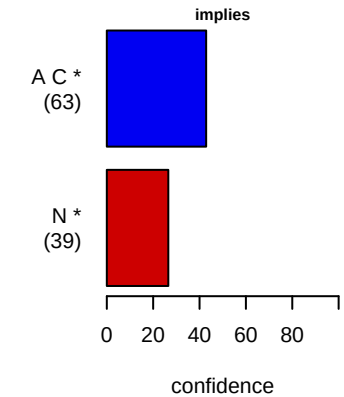
N,O,U (121)



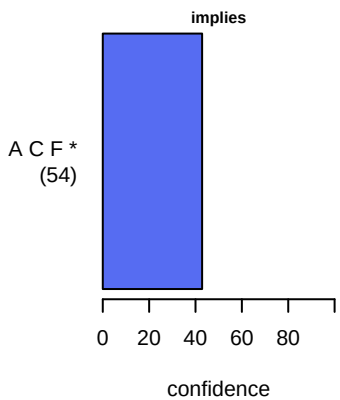
G,H,I (240)



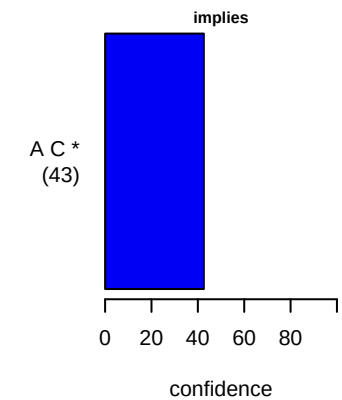
A,H,X1 (147)



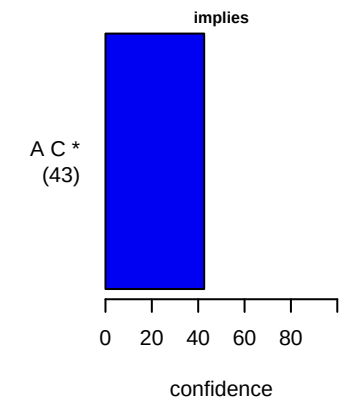
G,N,V (126)



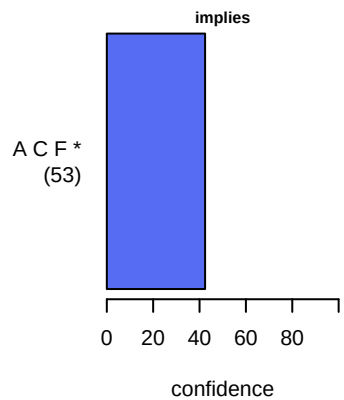
G,J,W1 (101)



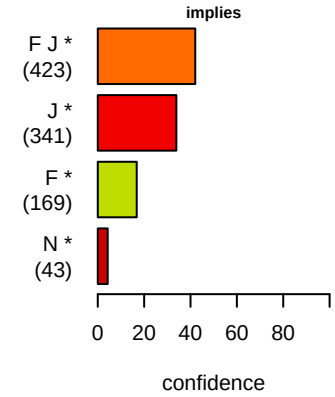
J,W1 (101)



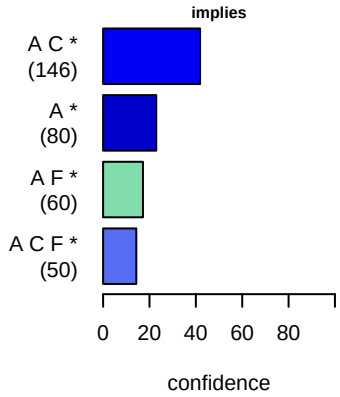
D,G,V (125)



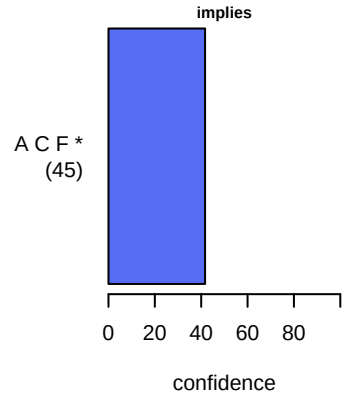
R1 (1006)



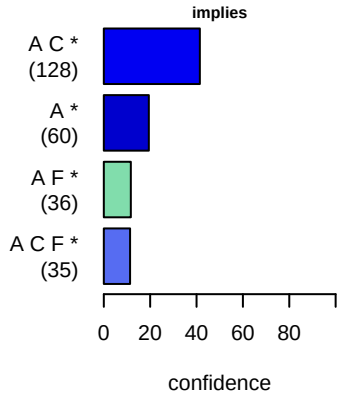
D,G,H (349)



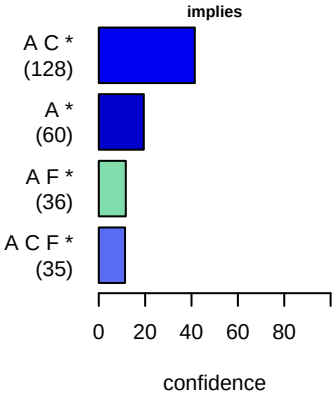
U,V (108)



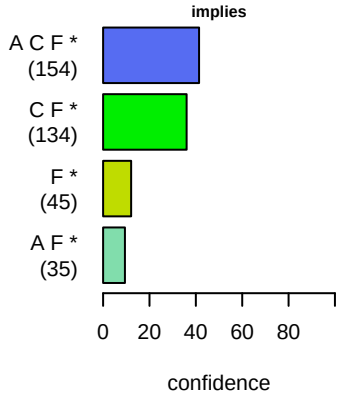
G,H,J (309)



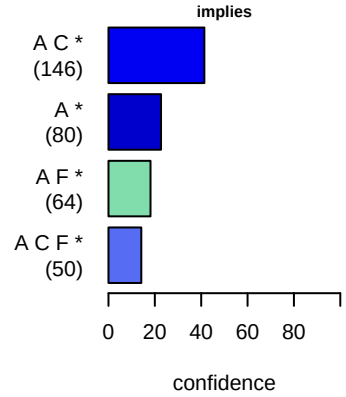
H,J (309)



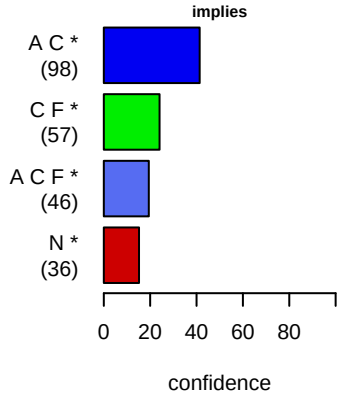
A,A1 (372)



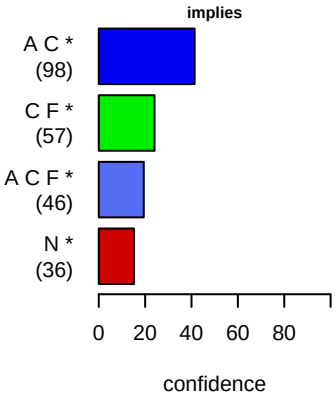
D,H (353)



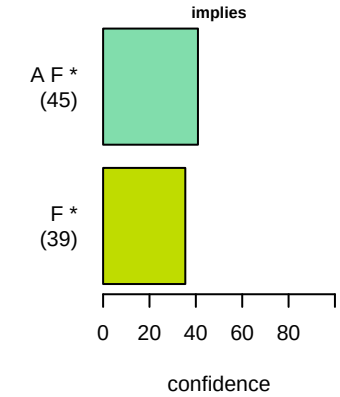
A,B,M (237)



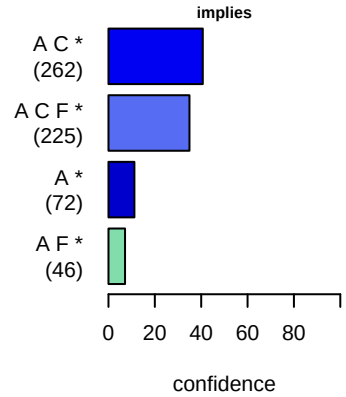
B,M (237)



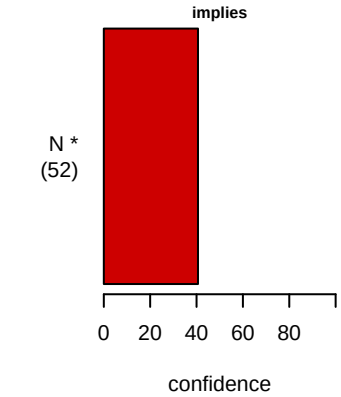
V,A1,Q1 (110)



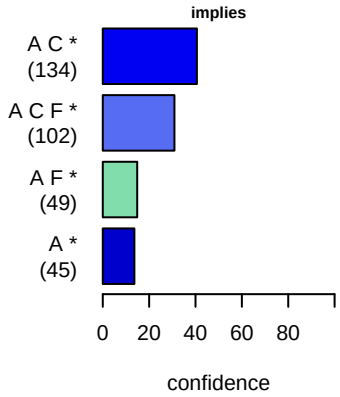
A,D (644)



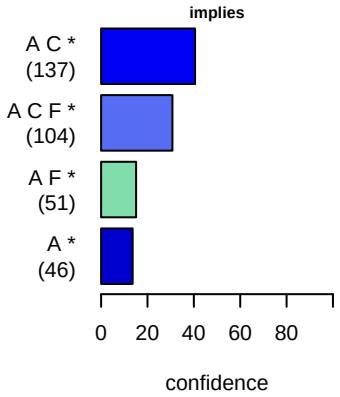
H,W1,X1 (128)



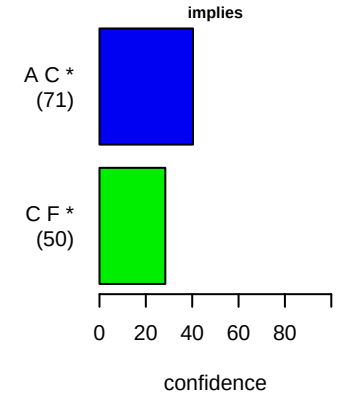
D,G,N (330)



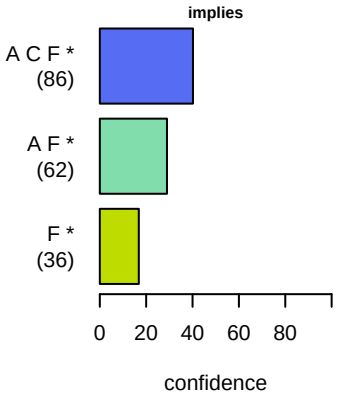
G,N (338)



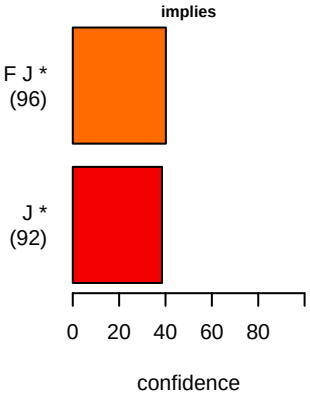
A,B,I (176)



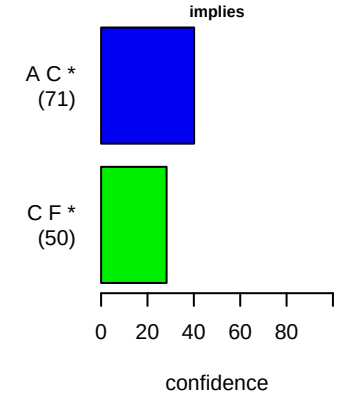
G,A1 (214)



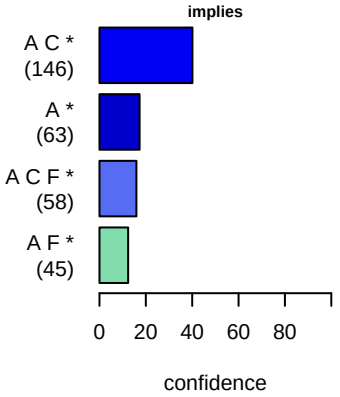
M1,Q1 (239)



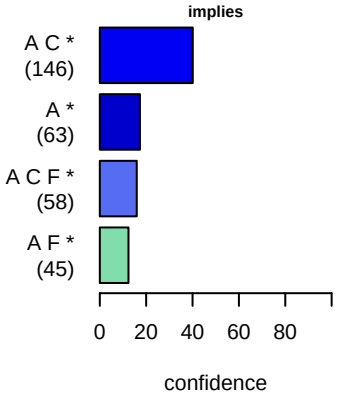
B,I (177)



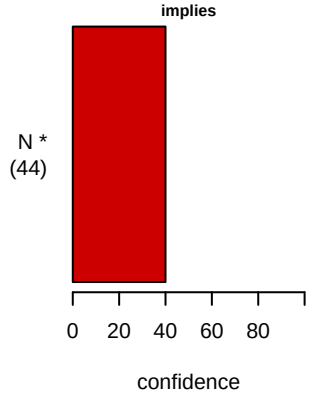
G,J (364)



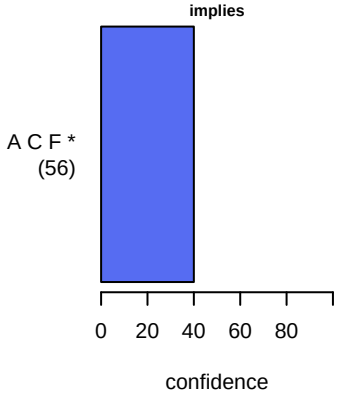
J (364)



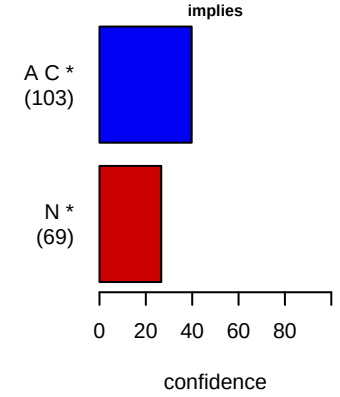
G,H,W1,X1 (110)



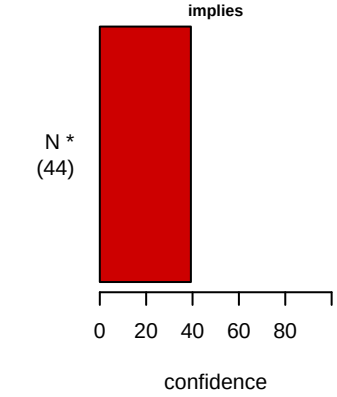
G,V (140)



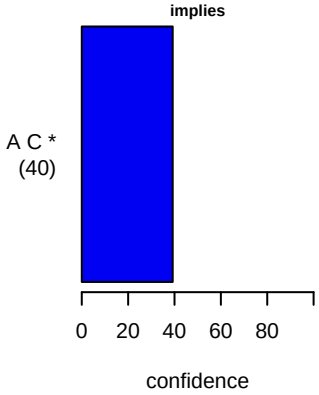
H,I (259)



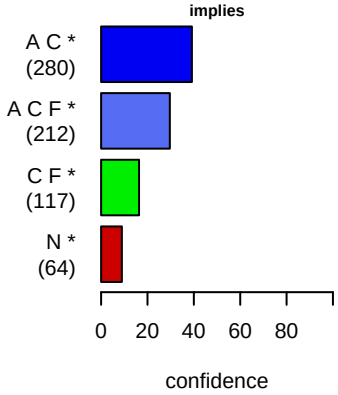
G,W1,X1 (112)



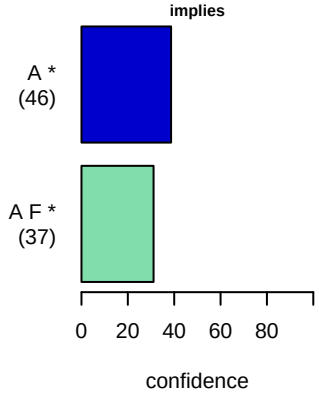
A,B,X1 (102)



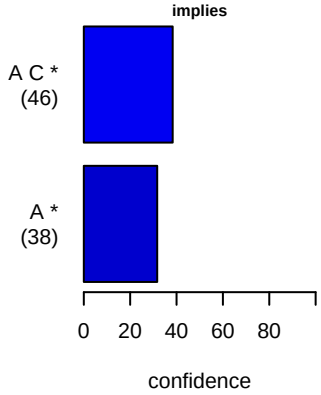
A,M (715)



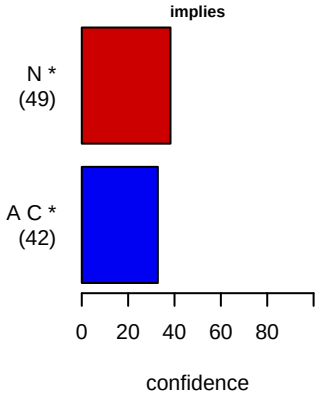
D,M1 (119)



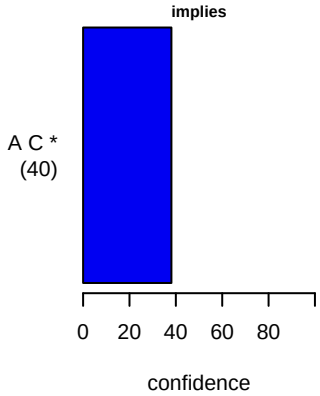
D,X1 (120)



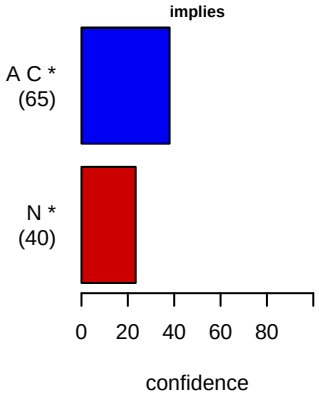
H,I,X1 (128)



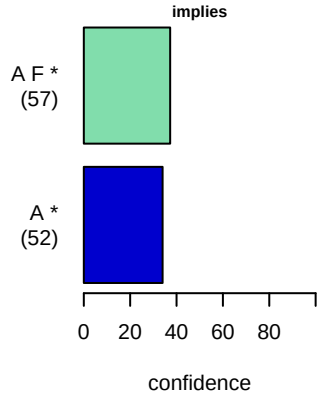
B,X1 (105)



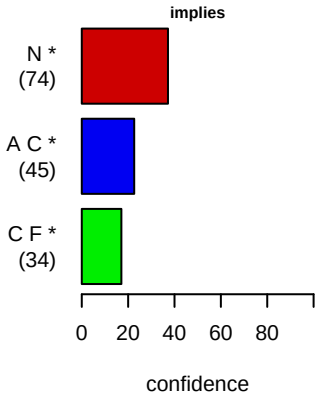
A,W1 (171)



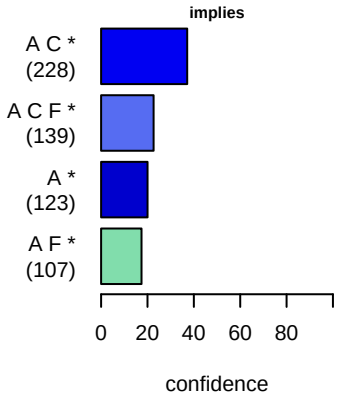
D,Q1 (153)



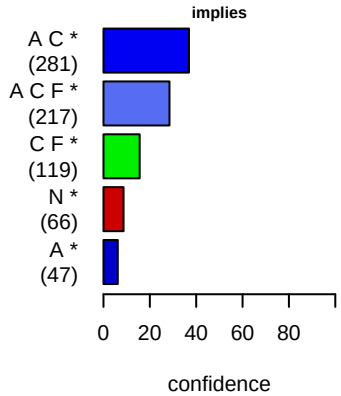
I,X1 (199)



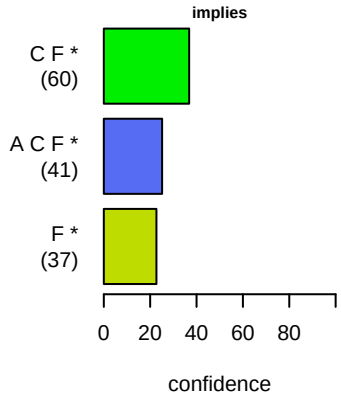
D,G (614)



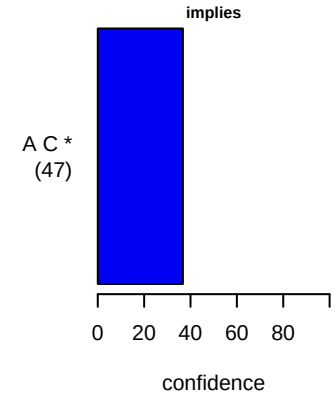
M (762)



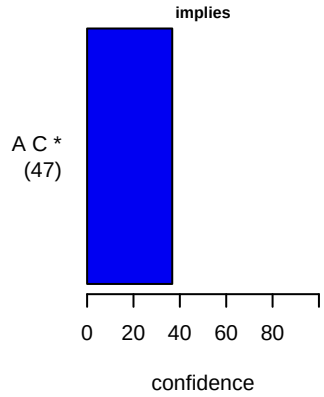
I,A1 (163)



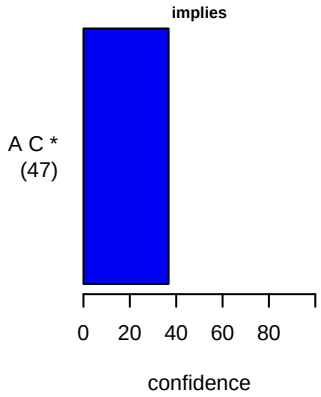
G,H,J,X1 (128)



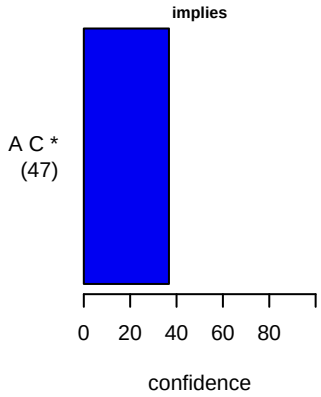
G,J,X1 (128)



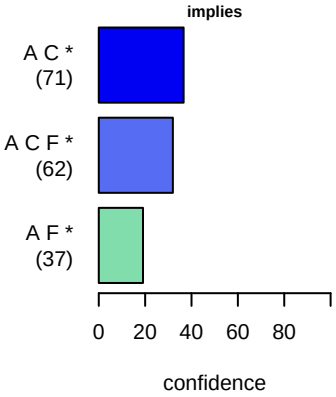
H,J,X1 (128)



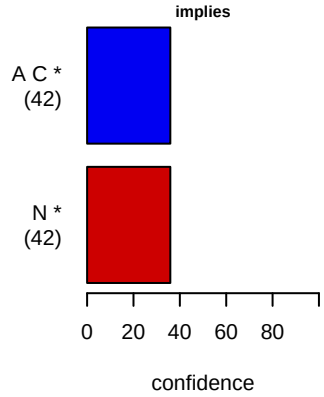
J,X1 (128)



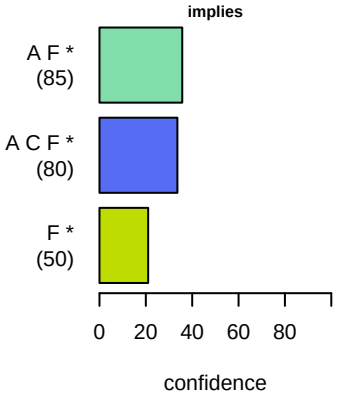
D,U (194)



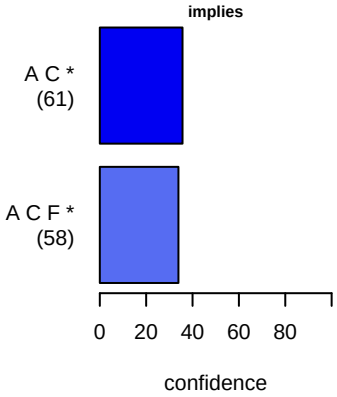
G,H,I,X1 (117)



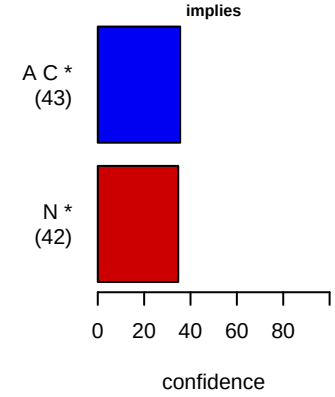
V,A1 (238)



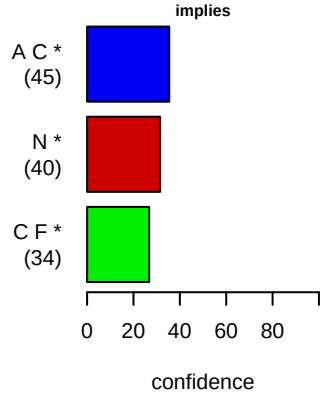
D,N,U (171)



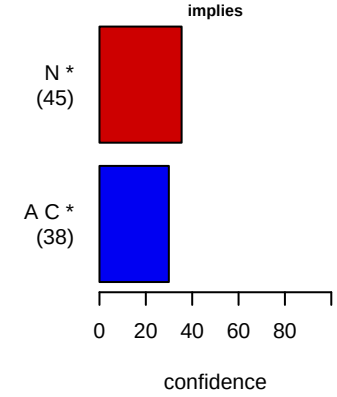
G,I,X1 (121)



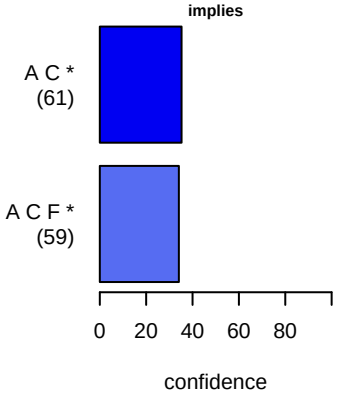
A,I,X1 (127)

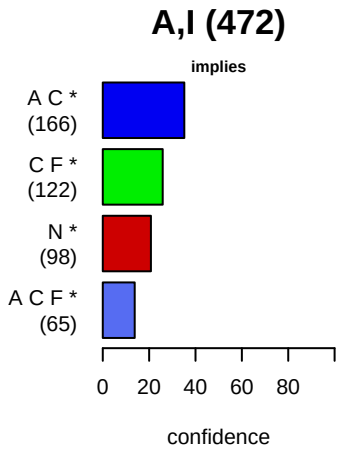


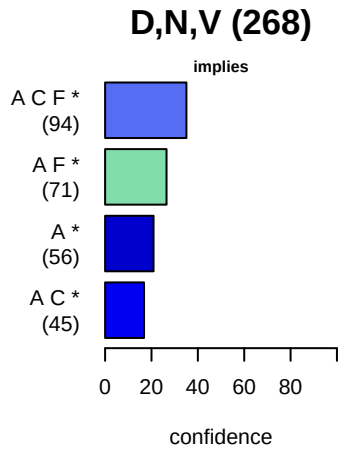
I,W1 (127)

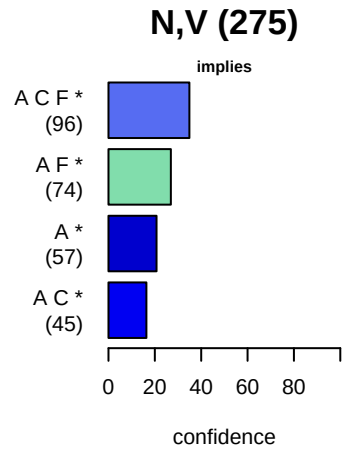


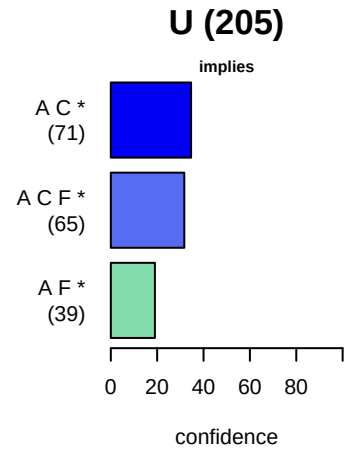
N,U (173)

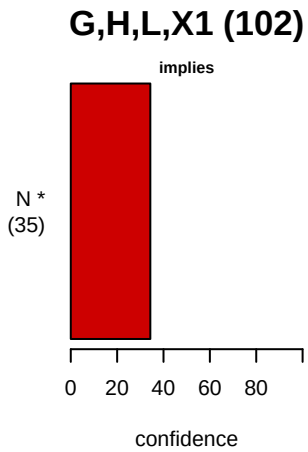


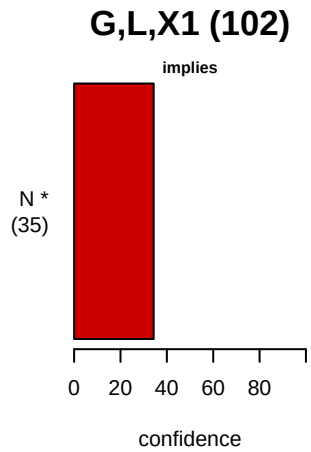

A,I (472)
implies
A C *
(166)
C F *
(122)
N *
(98)
A C F *
(65)
0 20 40 60 80
confidence

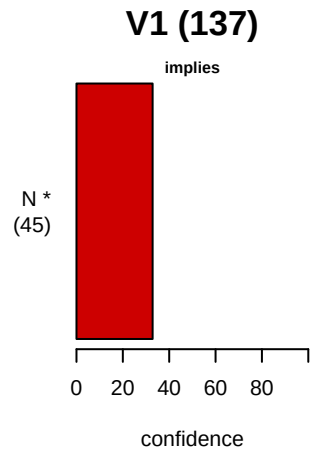

D,N,V (268)
implies
A C F *
(94)
A F *
(71)
A *
(56)
A C *
(45)
0 20 40 60 80
confidence

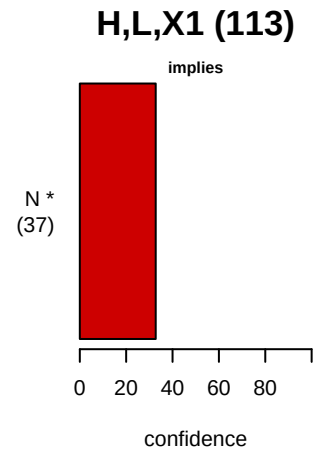

N,V (275)
implies
A C F *
(96)
A F *
(74)
A *
(57)
A C *
(45)
0 20 40 60 80
confidence

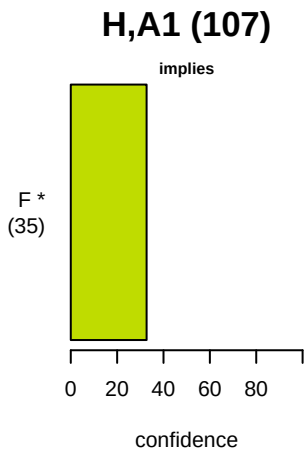

U (205)
implies
A C *
(71)
A C F *
(65)
A F *
(39)
0 20 40 60 80
confidence

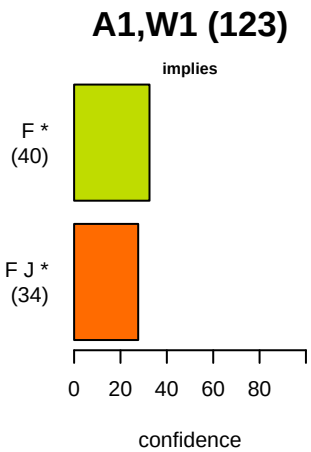

G,H,L,X1 (102)
implies
N *
(35)
0 20 40 60 80
confidence

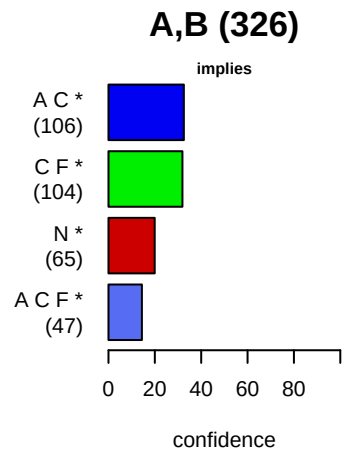

G,L,X1 (102)
implies
N *
(35)
0 20 40 60 80
confidence

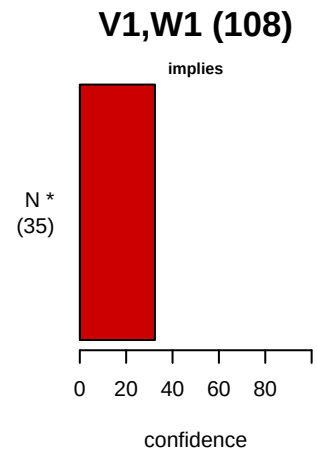

V1 (137)
implies
N *
(45)
0 20 40 60 80
confidence


H,L,X1 (113)
implies
N *
(37)
0 20 40 60 80
confidence

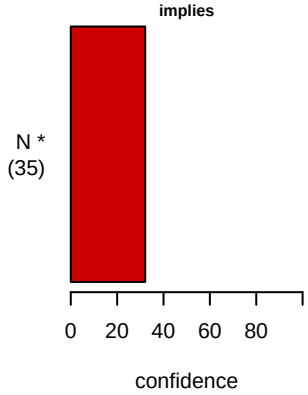

H,A1 (107)
implies
F *
(35)
0 20 40 60 80
confidence


A1,W1 (123)
implies
F *
(40)
F J *
(34)
0 20 40 60 80
confidence

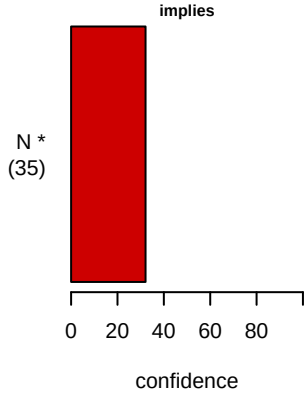

A,B (326)
implies
A C *
(106)
C F *
(104)
N *
(65)
A C F *
(47)
0 20 40 60 80
confidence


V1,W1 (108)
implies
N *
(35)
0 20 40 60 80
confidence

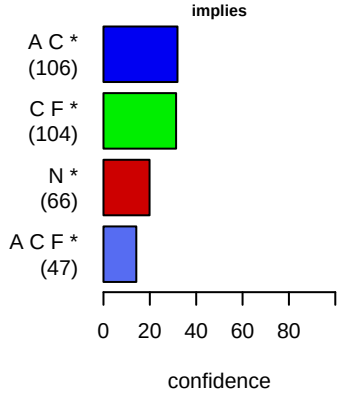
G,H,L (109)



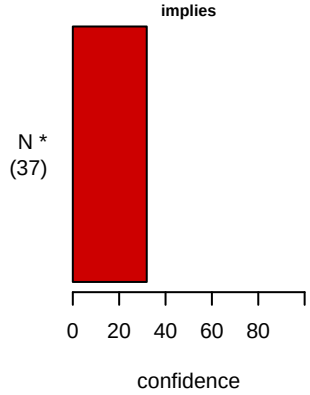
G,L (109)



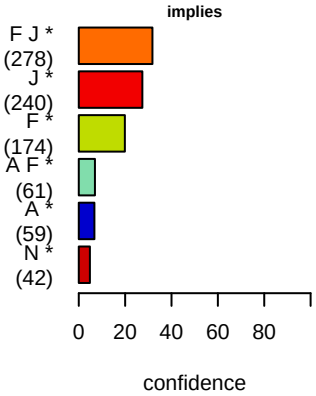
B (332)



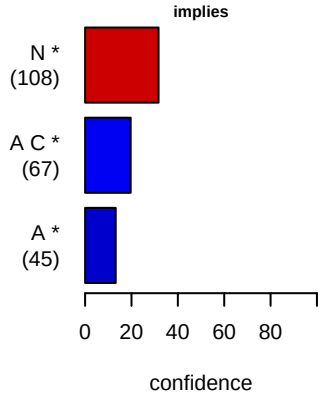
L,X1 (116)



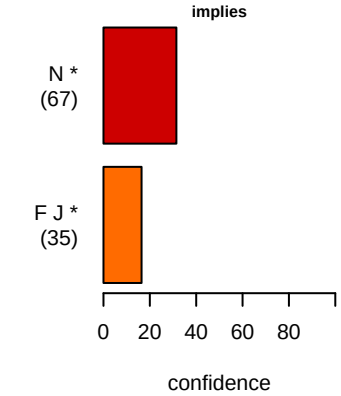
Q1 (875)



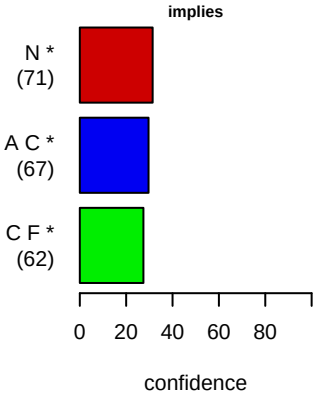
H,X1 (341)



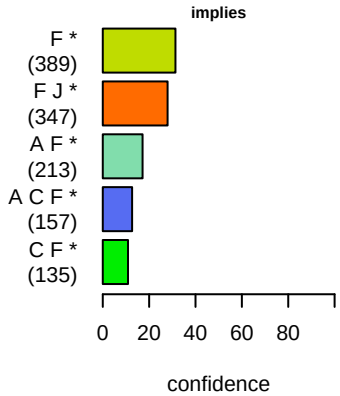
W1,X1 (213)



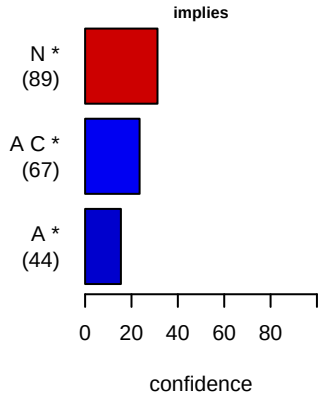
A,X1 (226)



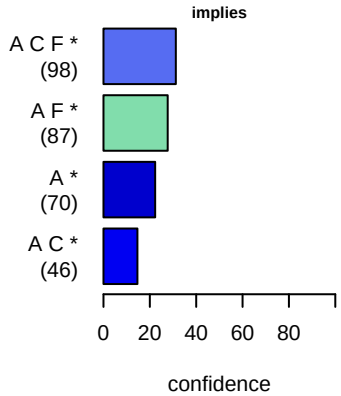
A1 (1241)



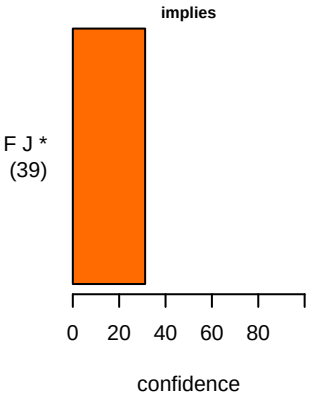
G,H,X1 (285)

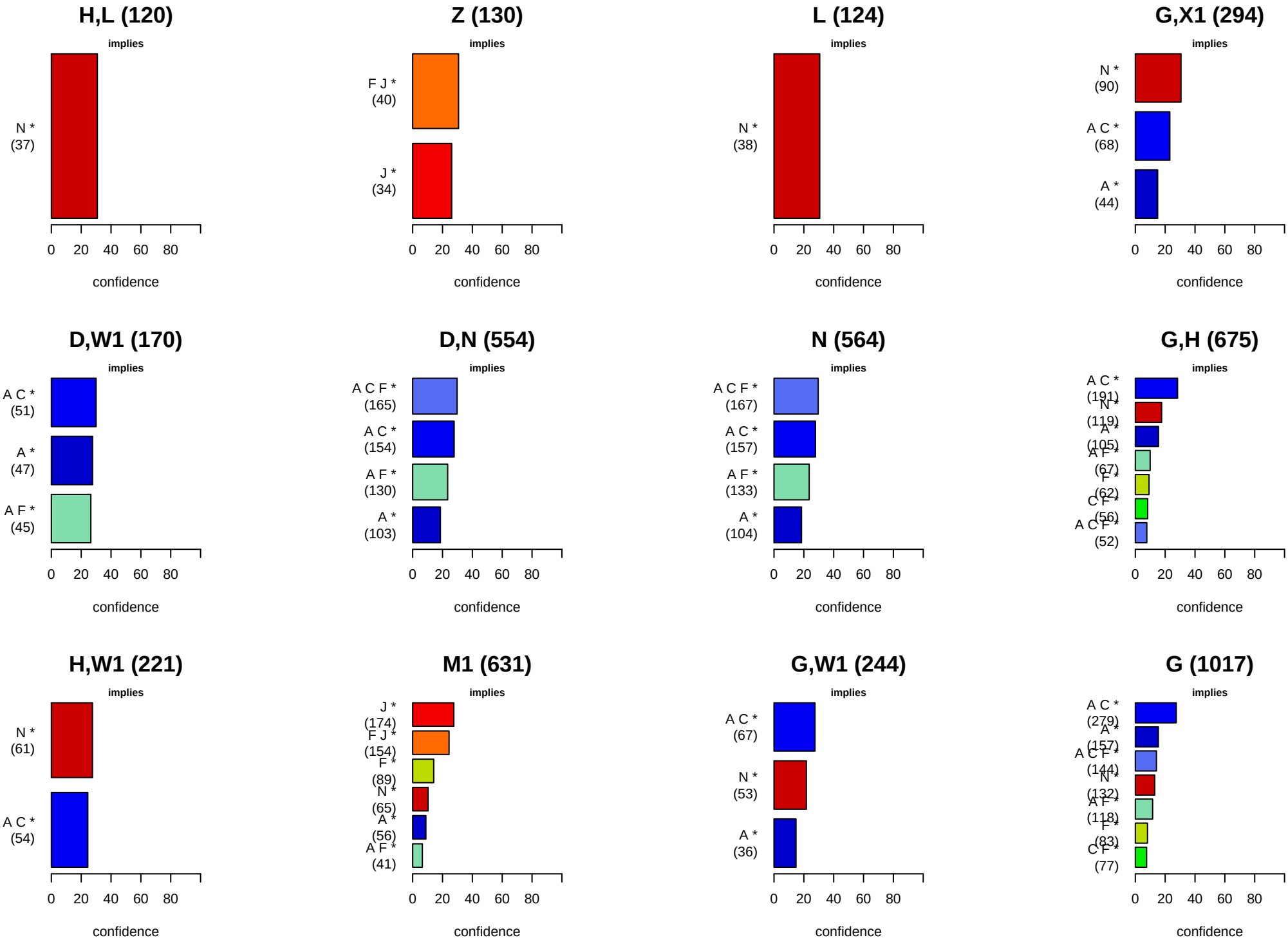


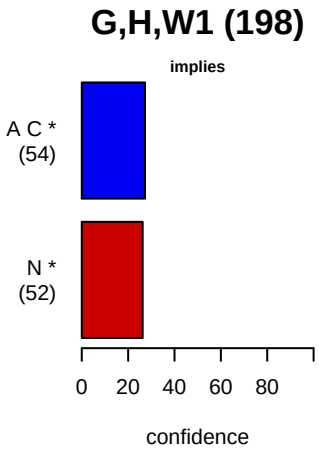
D,V (314)

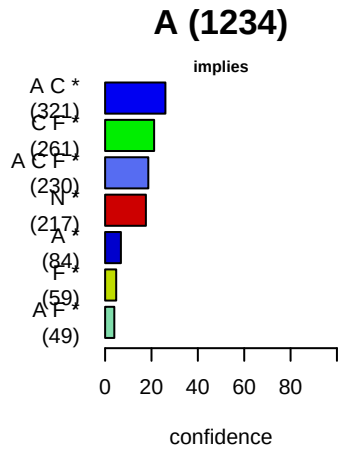


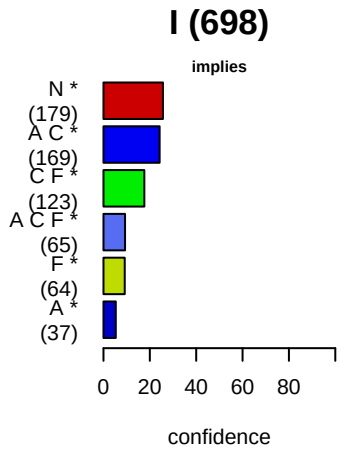
Z,Q1 (125)

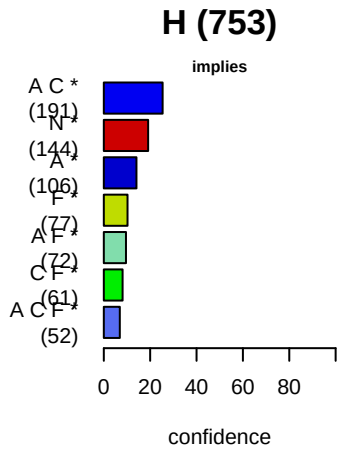


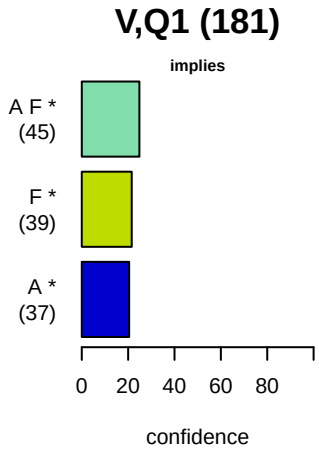

H,L (120)
implies
N *
(37)
0 20 40 60 80
confidence
Z (130)
implies
F J *
(40)
J *
(34)
0 20 40 60 80
confidence
L (124)
implies
N *
(38)
0 20 40 60 80
confidence
G,X1 (294)
implies
N *
(90)
A C *
(68)
A *
(44)
0 20 40 60 80
confidence
D,W1 (170)
implies
A C *
(51)
A *
(47)
A F *
(45)
0 20 40 60 80
confidence
D,N (554)
implies
A C F *
(165)
A C *
(154)
A F *
(130)
A *
(103)
0 20 40 60 80
confidence
N (564)
implies
A C F *
(167)
A C *
(157)
A F *
(133)
A *
(104)
0 20 40 60 80
confidence
G,H (675)
implies
A C *
(191)
N *
(119)
A *
(105)
A F *
(67)
F *
(62)
C F *
(56)
A C F *
(52)
0 20 40 60 80
confidence
H,W1 (221)
implies
N *
(61)
A C *
(54)
0 20 40 60 80
confidence
M1 (631)
implies
J *
(174)
F J *
(154)
F *
(89)
N *
(65)
A *
(56)
A F *
(41)
0 20 40 60 80
confidence
G,W1 (244)
implies
A C *
(67)
N *
(53)
A *
(36)
0 20 40 60 80
confidence
G (1017)
implies
A C *
(279)
A *
(157)
A C F *
(144)
N *
(132)
A F *
(118)
F *
(83)
C F *
(77)
0 20 40 60 80
confidence

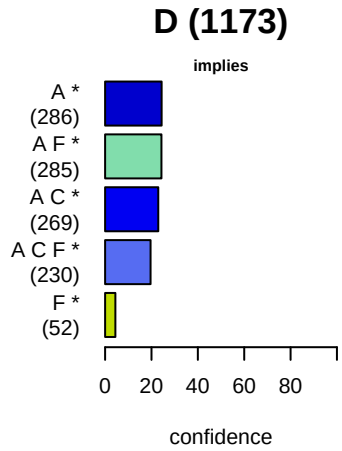

G,H,W1 (198)
implies
A C * (54)
N * (52)
0 20 40 60 80
confidence

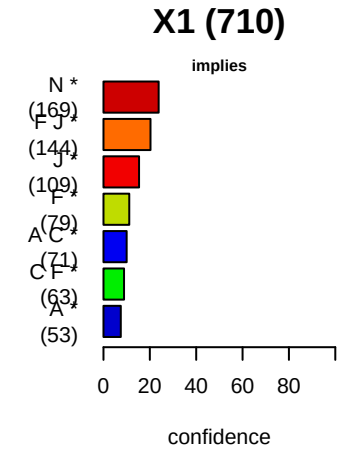

A (1234)
implies
A C * (321)
C F * (261)
A C F * (230)
N * (217)
A * (84)
F * (59)
A F * (49)
0 20 40 60 80
confidence

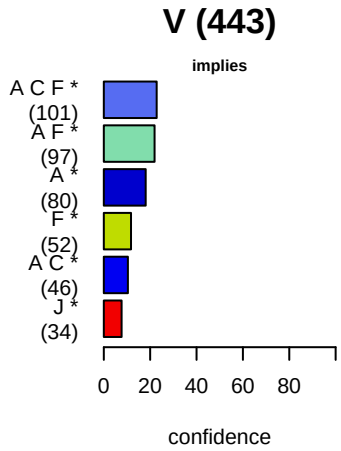

I (698)
implies
N * (179)
A C * (169)
C F * (123)
A C F * (65)
F * (64)
A * (37)
0 20 40 60 80
confidence

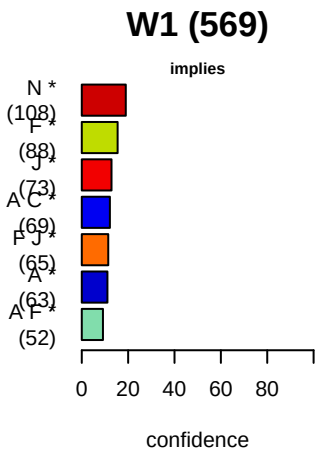

H (753)
implies
A C * (191)
N * (144)
A * (106)
F * (77)
A F * (72)
C F * (61)
A C F * (52)
0 20 40 60 80
confidence


V,Q1 (181)
implies
A F * (45)
F * (39)
A * (37)
0 20 40 60 80
confidence


D (1173)
implies
A * (286)
A F * (285)
A C * (269)
A C F * (230)
F * (52)
0 20 40 60 80
confidence


X1 (710)
implies
N * (169)
F J * (144)
J * (109)
F * (79)
A C * (71)
C F * (63)
A * (53)
0 20 40 60 80
confidence


V (443)
implies
A C F * (101)
A F * (97)
A * (80)
F * (52)
A C * (46)
J * (34)
0 20 40 60 80
confidence


W1 (569)
implies
N * (108)
F * (88)
J * (73)
A C * (69)
F J * (65)
A * (63)
A F * (52)
0 20 40 60 80
confidence