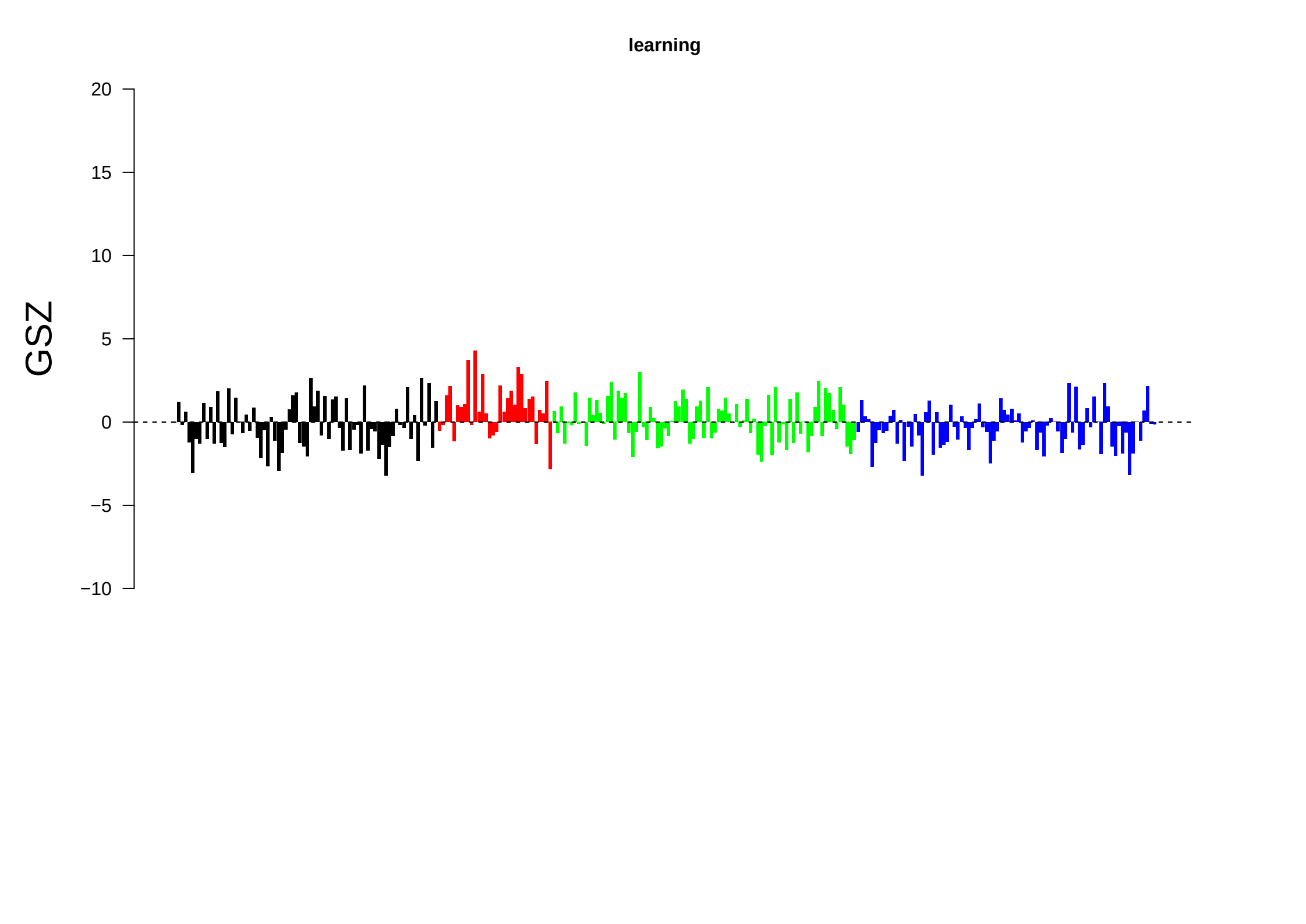
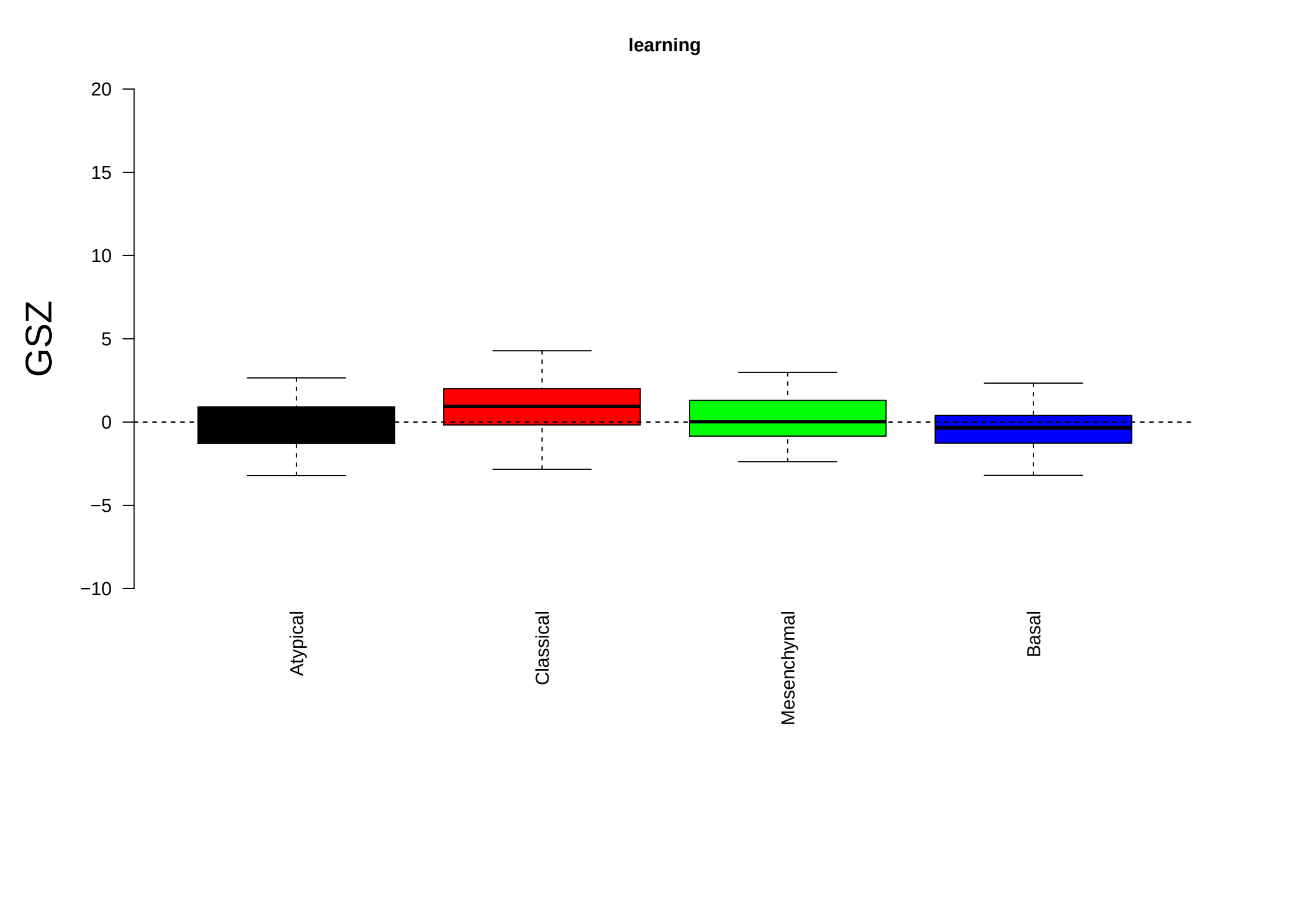
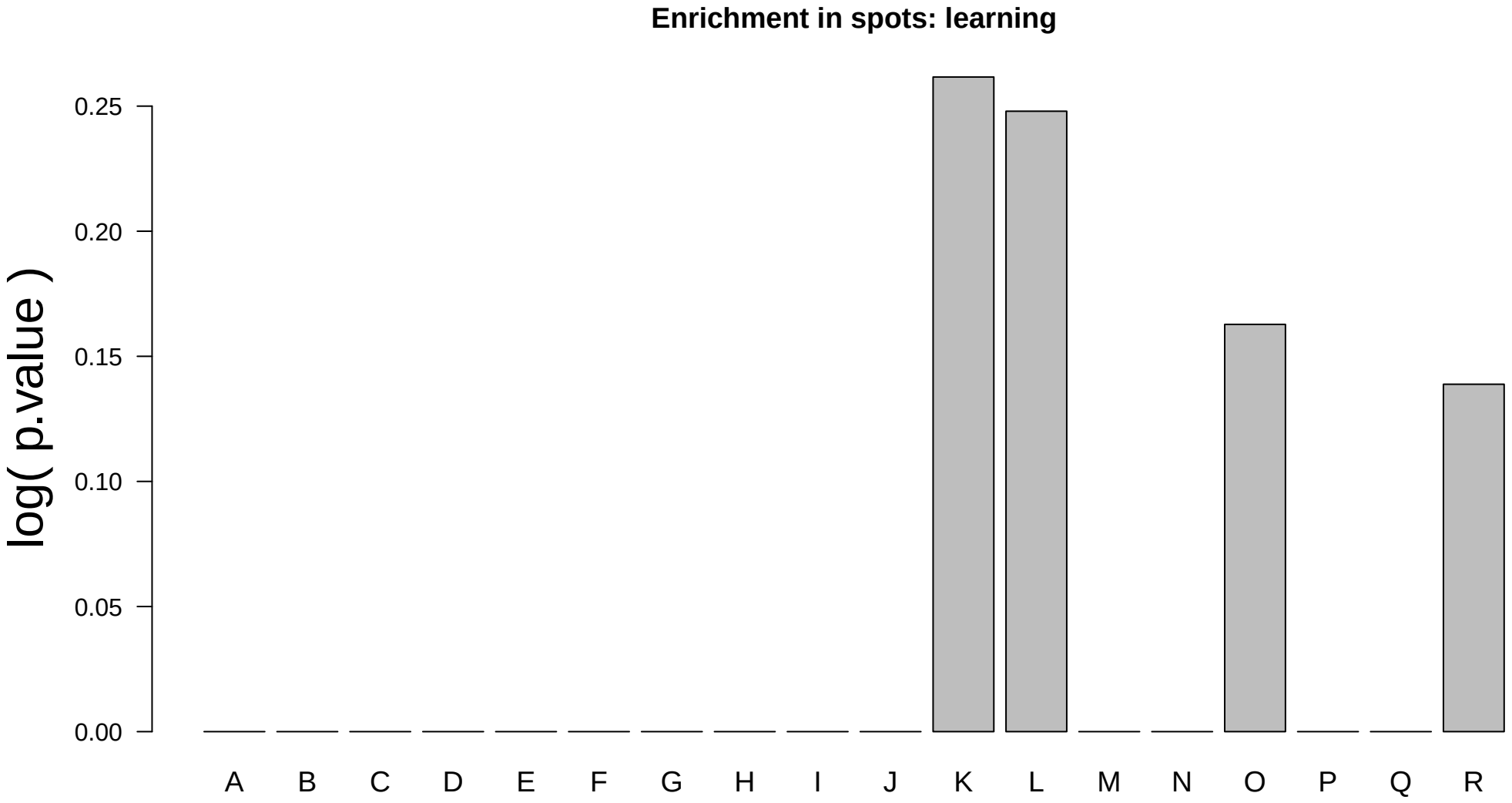
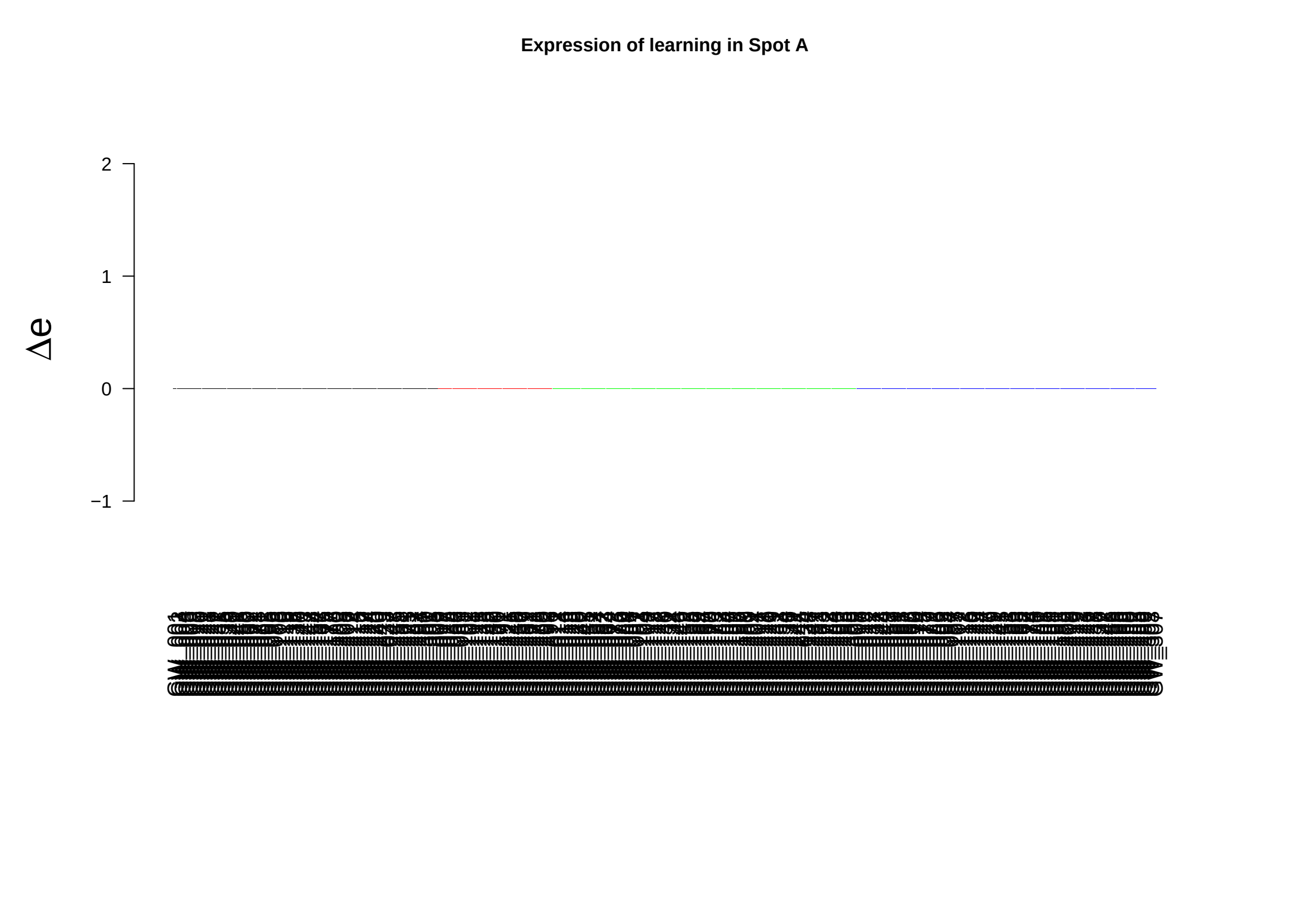
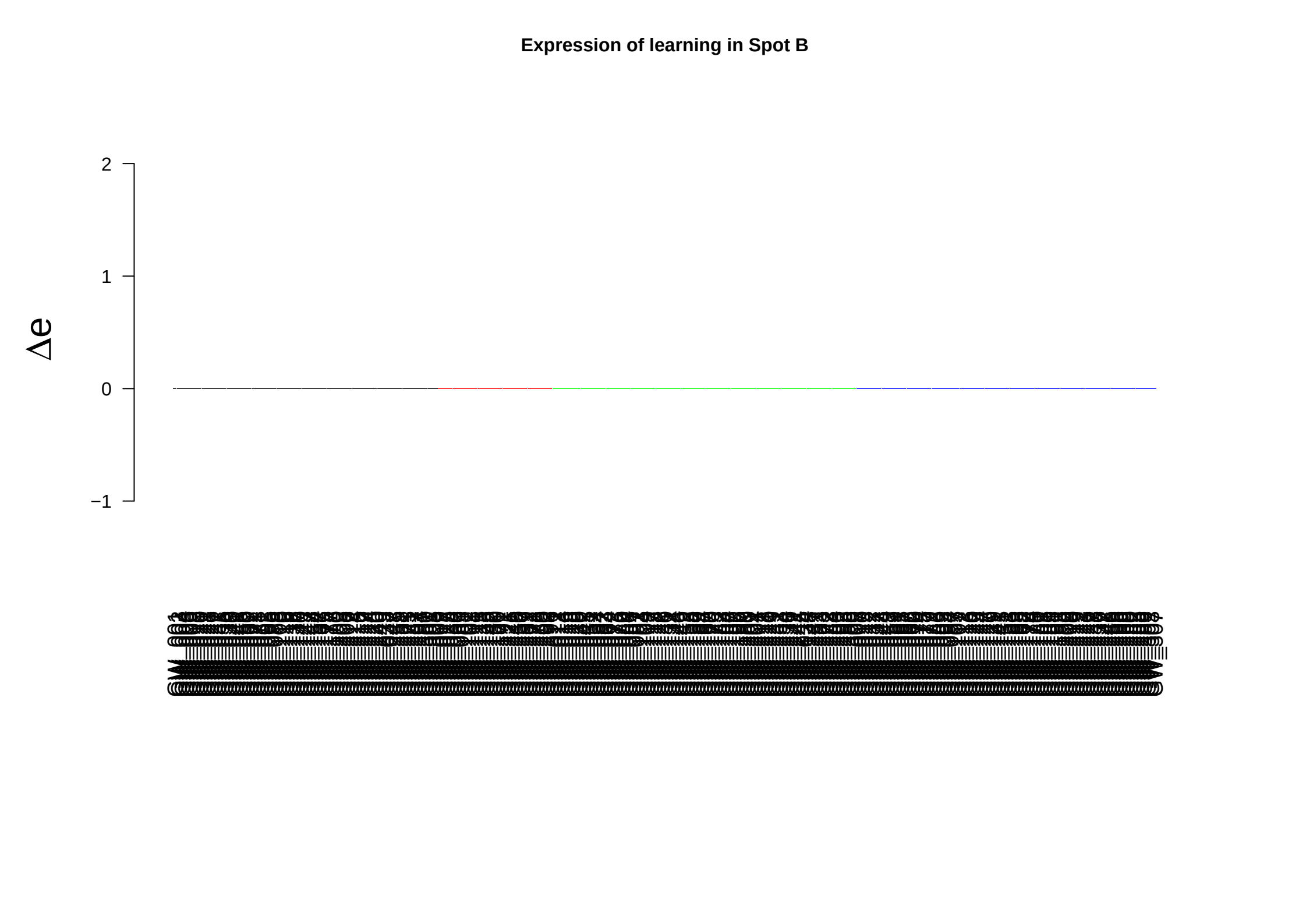
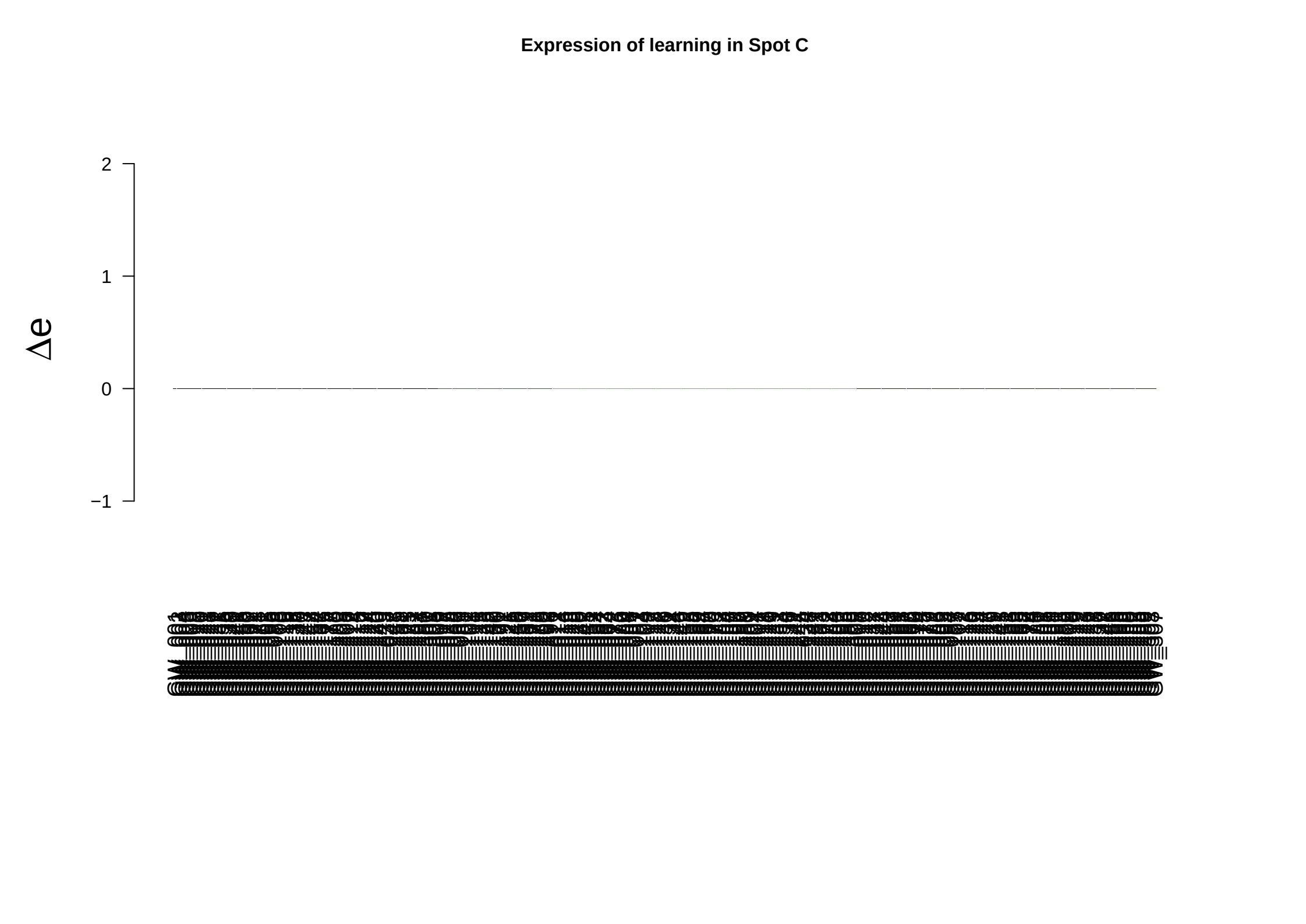

learning
GSZ
20
15
10
5
0
−5
−10

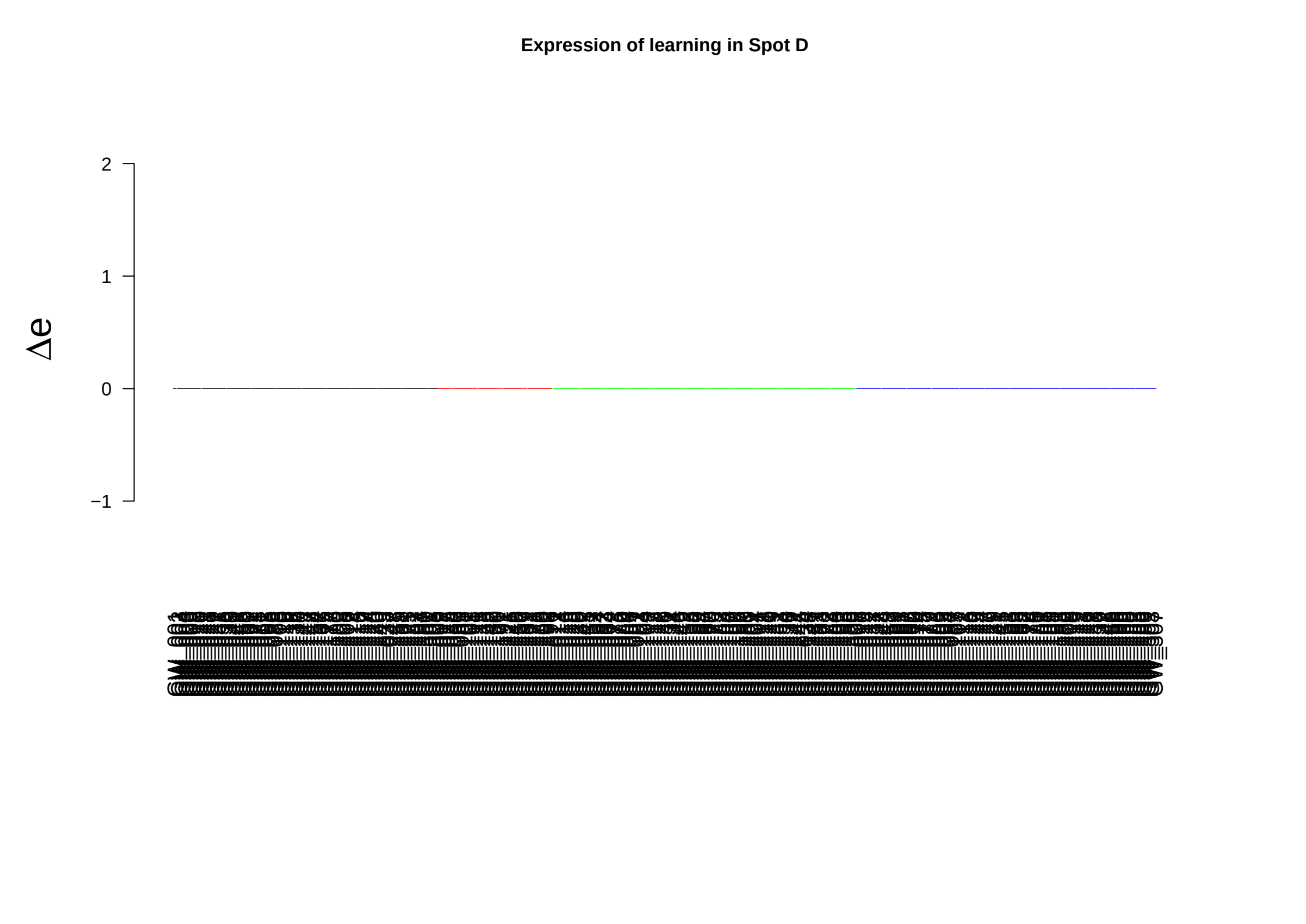

learning
GSZ
20
15
10
5
0
−5
−10
Atypical
Classical
Mesenchymal
Basal

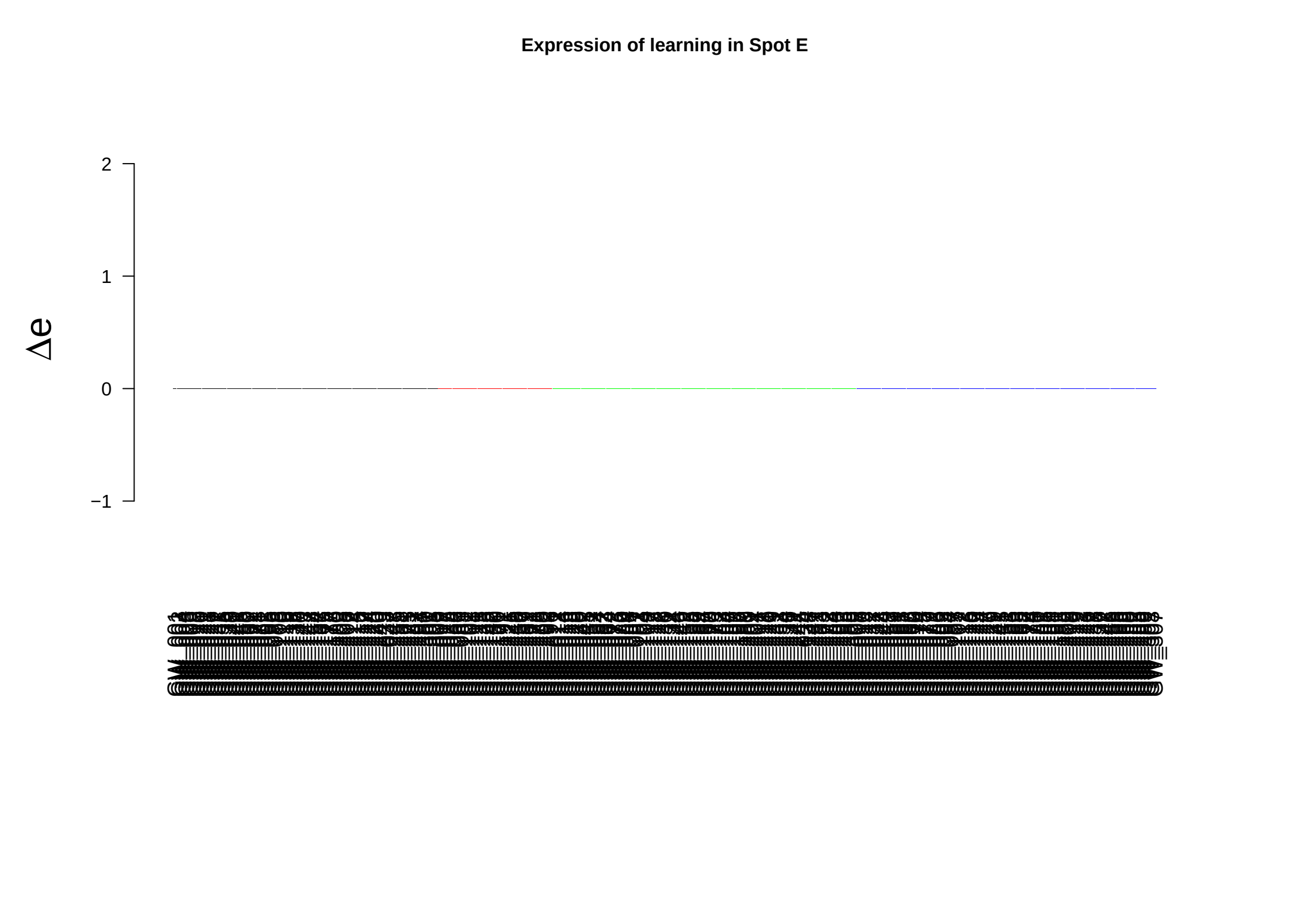

Enrichment in spots: learning
log(p.value)
0.25
0.20
0.15
0.10
0.05
0.00
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R

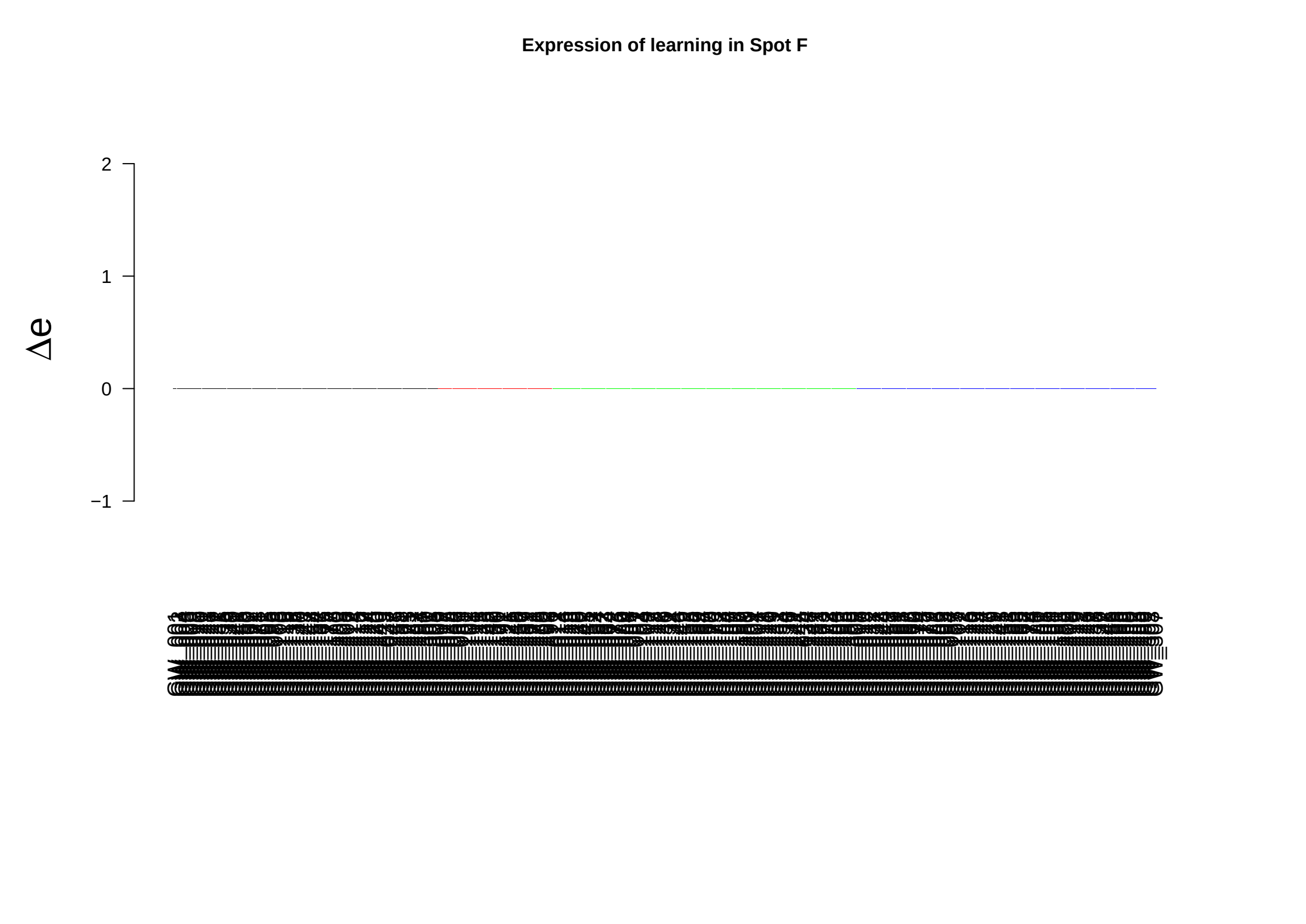

Expression of learning in Spot A
Δe
2
1
0
−1

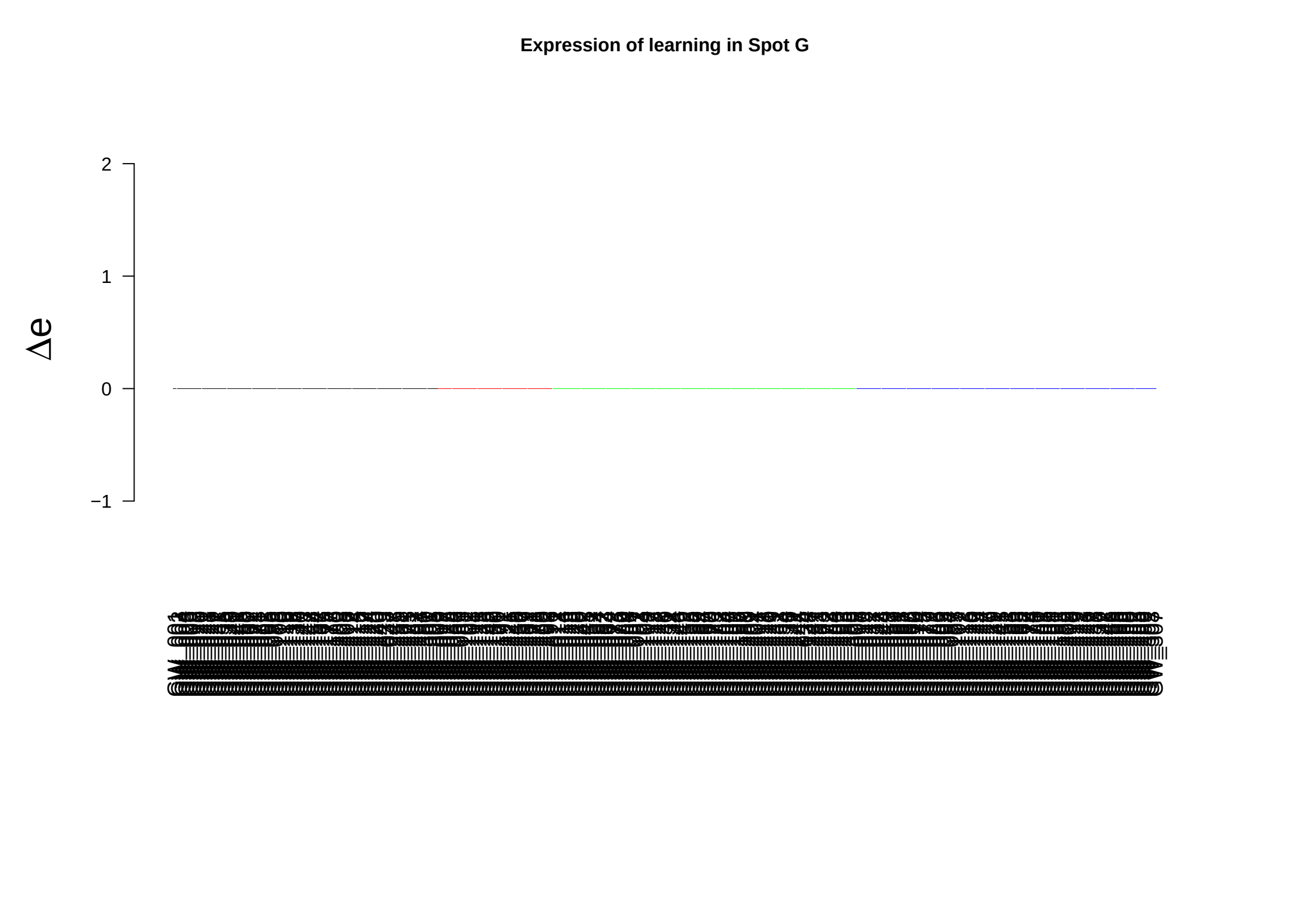

Expression of learning in Spot B
2
1
0
−1
Δe

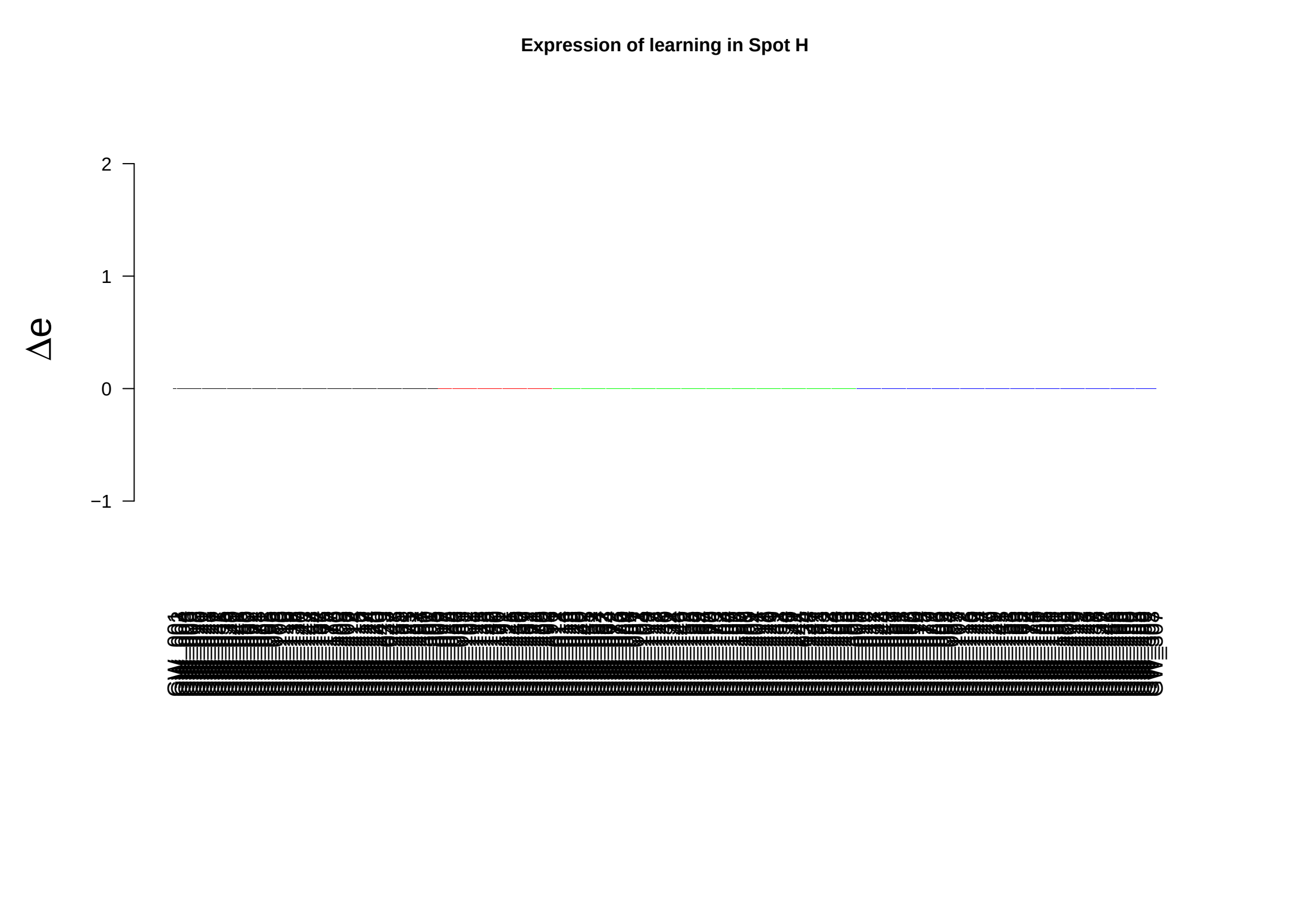

Expression of learning in Spot C
Δe
2
1
0
−1

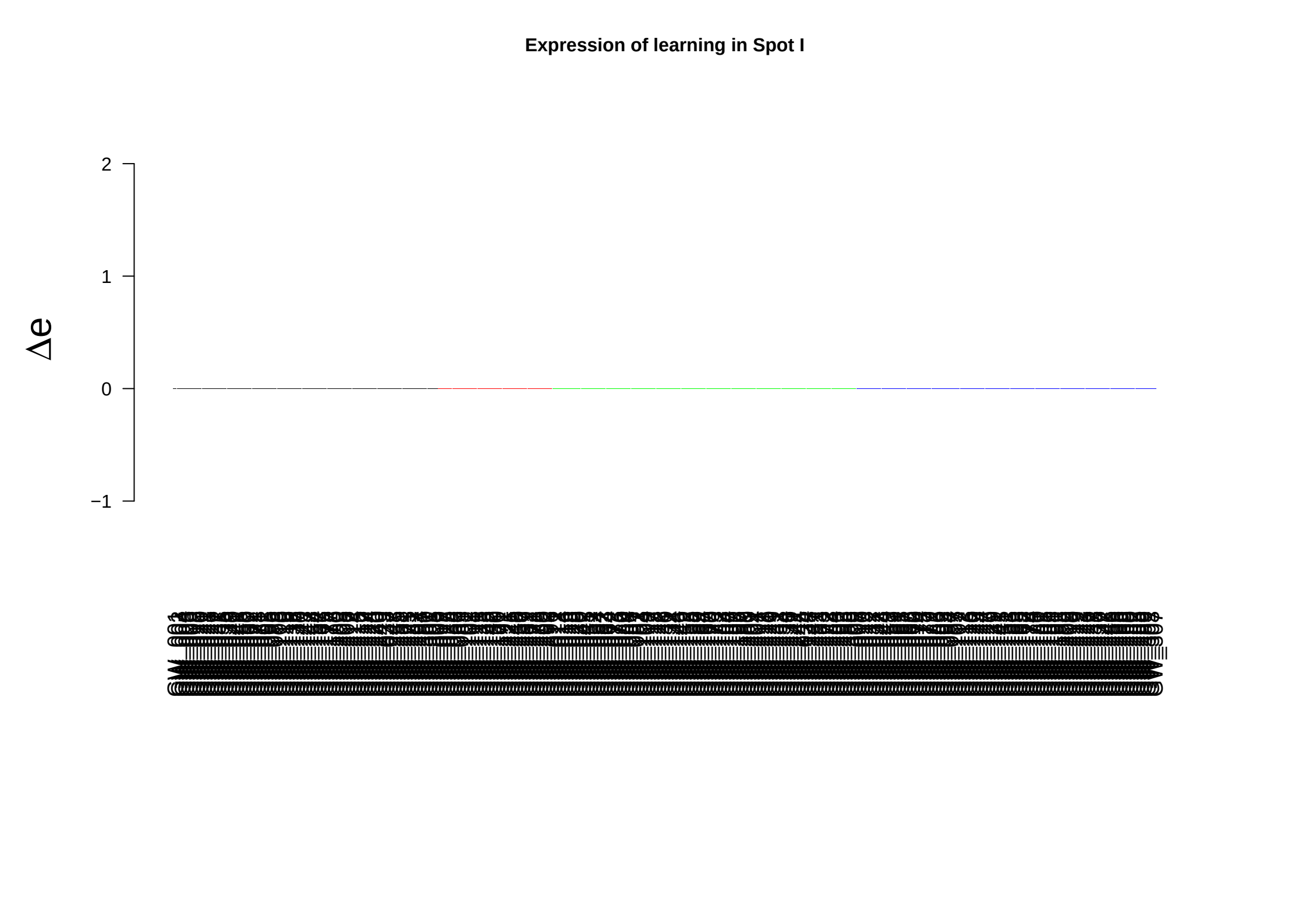

Expression of learning in Spot D
Δe
2
1
0
−1

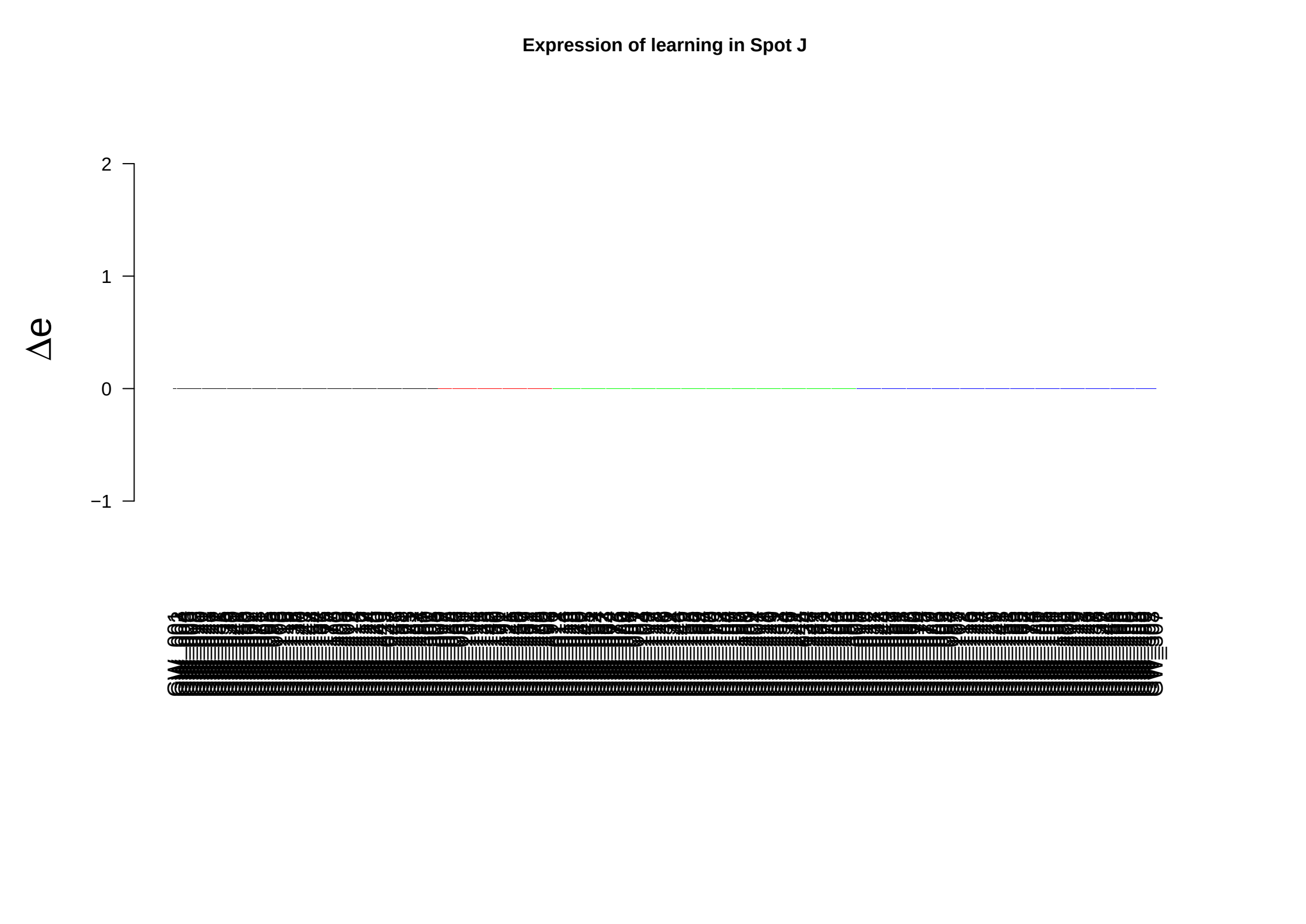

Expression of learning in Spot E
Δe
2
1
0
−1

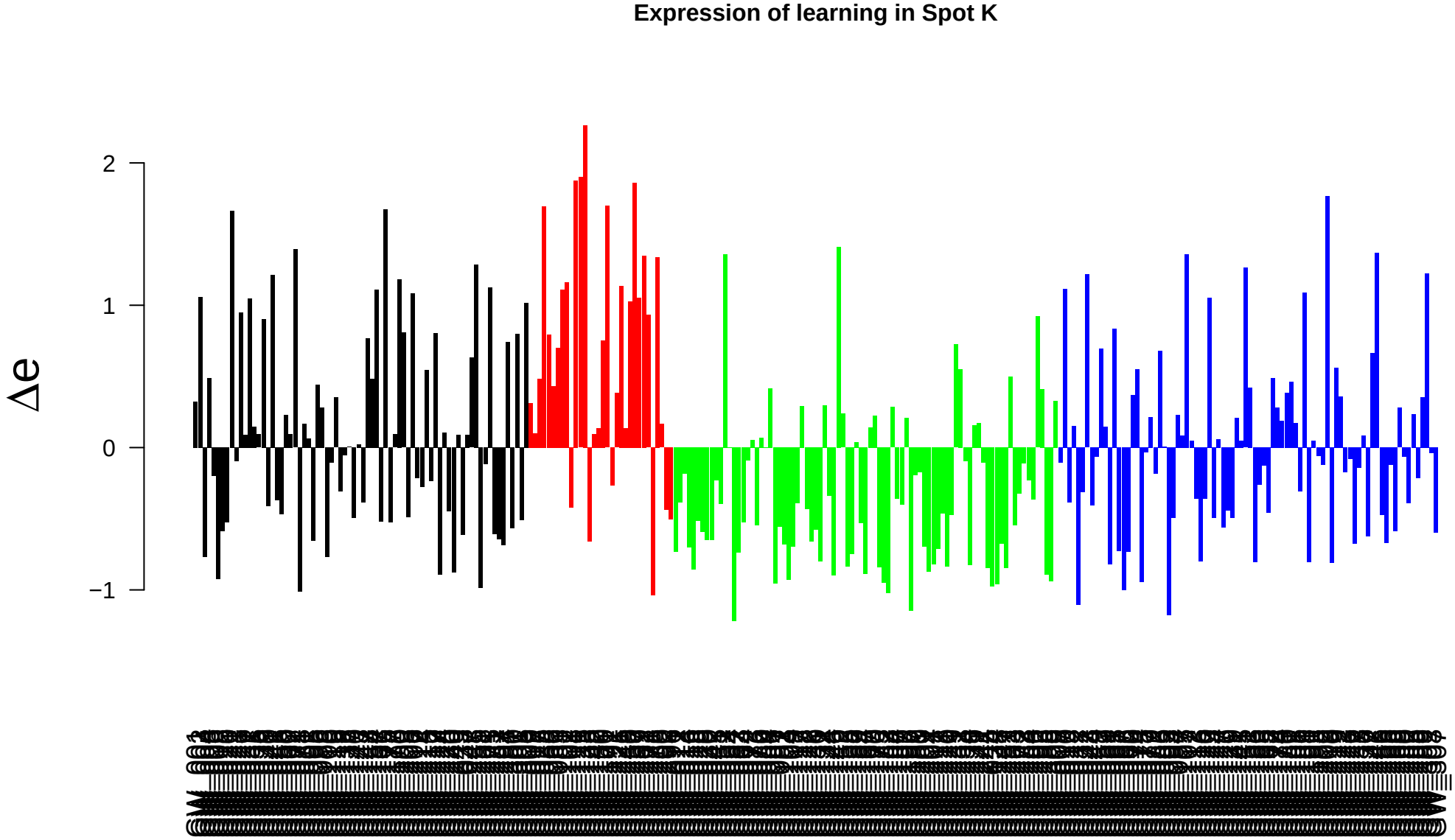

Expression of learning in Spot F
2
1
0
−1
Δe

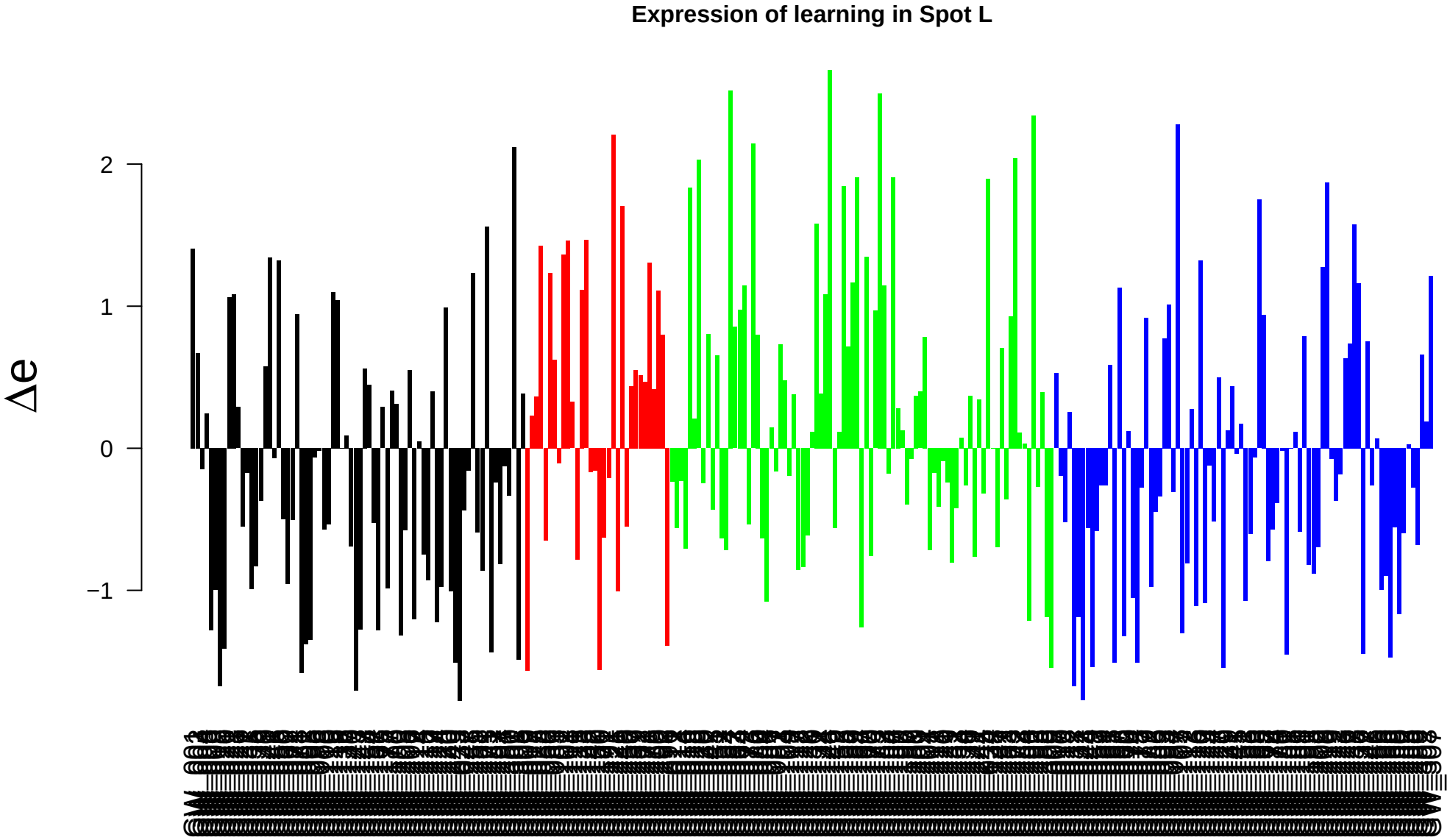

Expression of learning in Spot G
Δe
2
1
0
−1

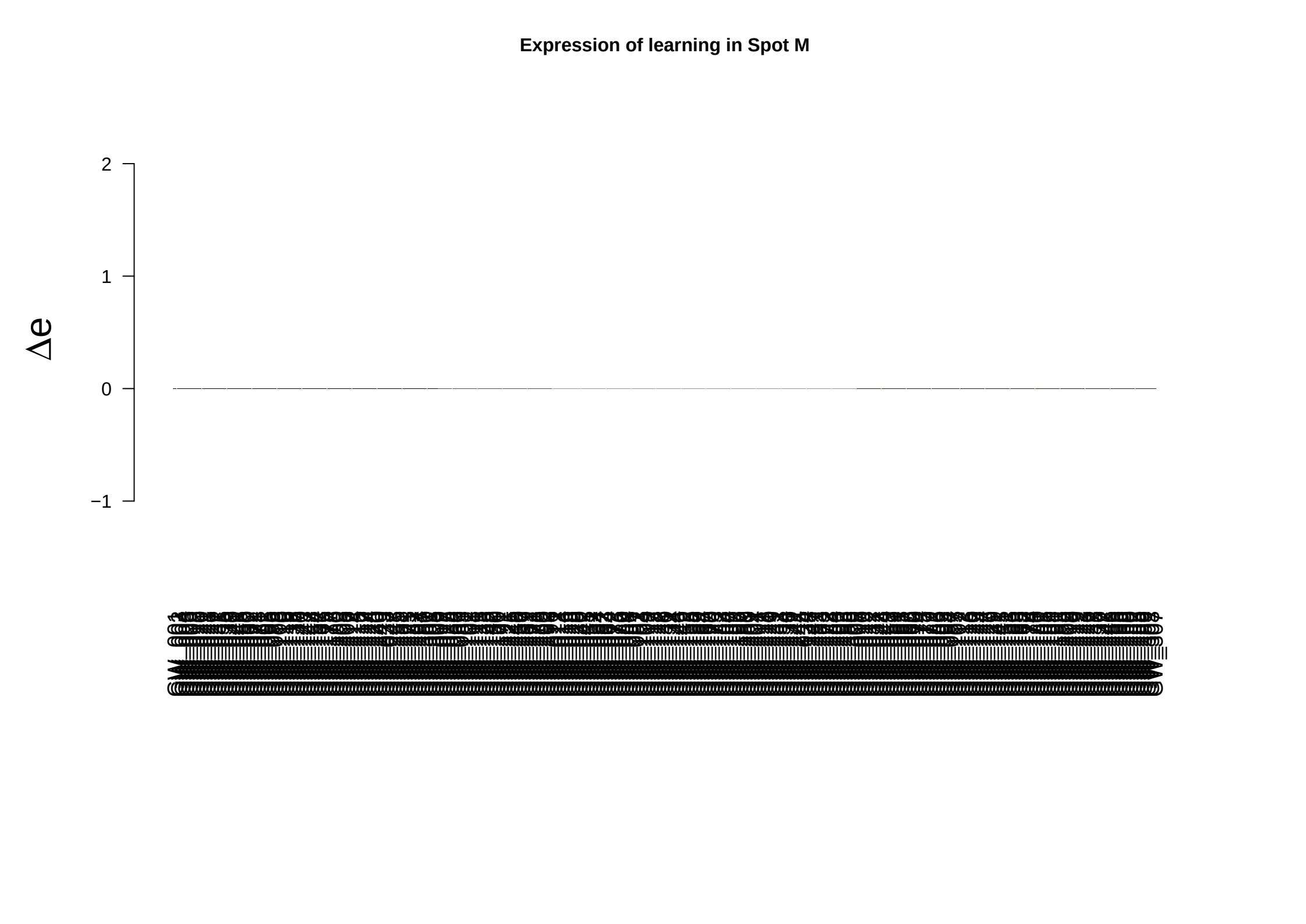

Expression of learning in Spot H
2
1
0
−1
Δe

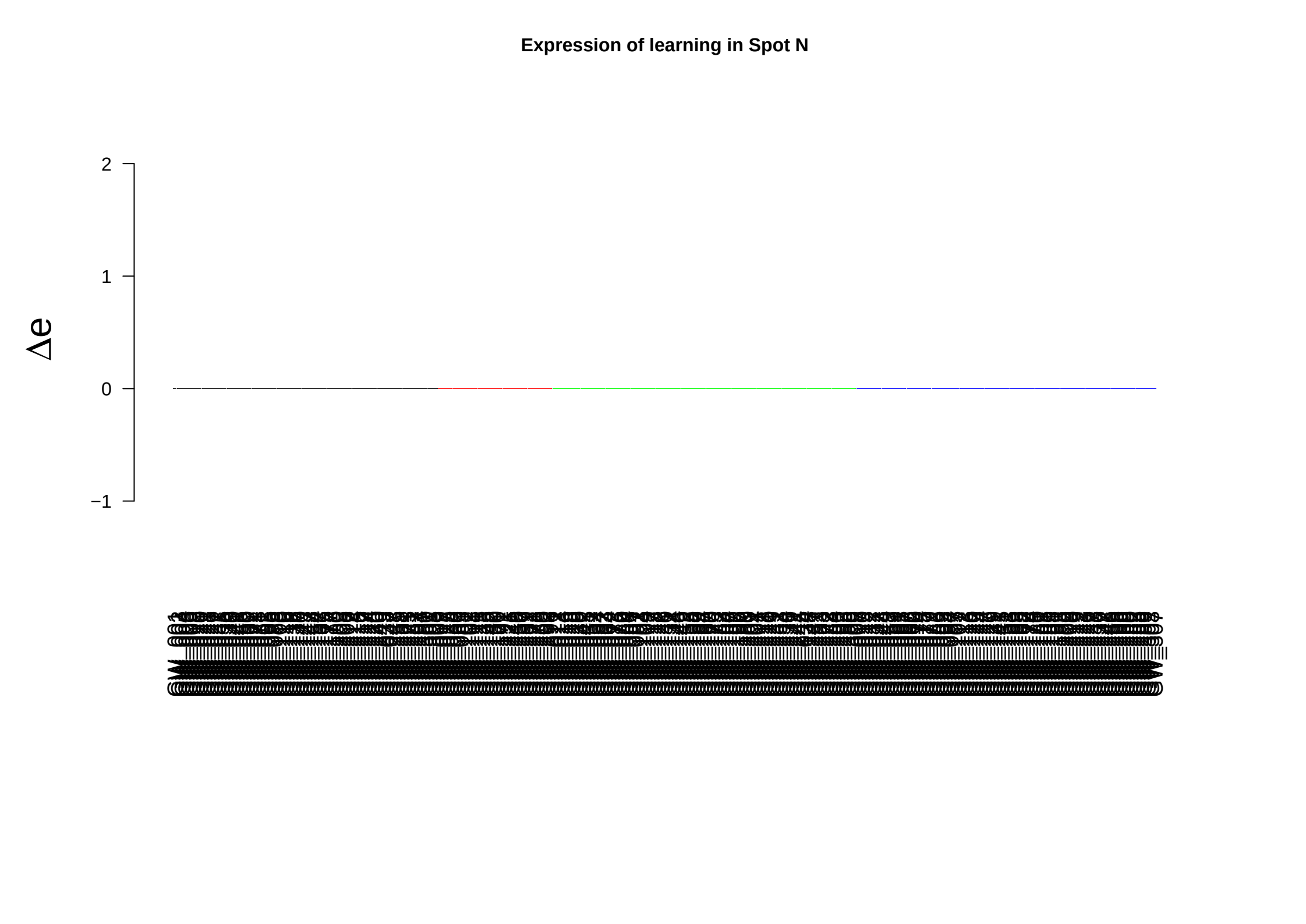

Expression of learning in Spot I
Δe
2
1
0
−1

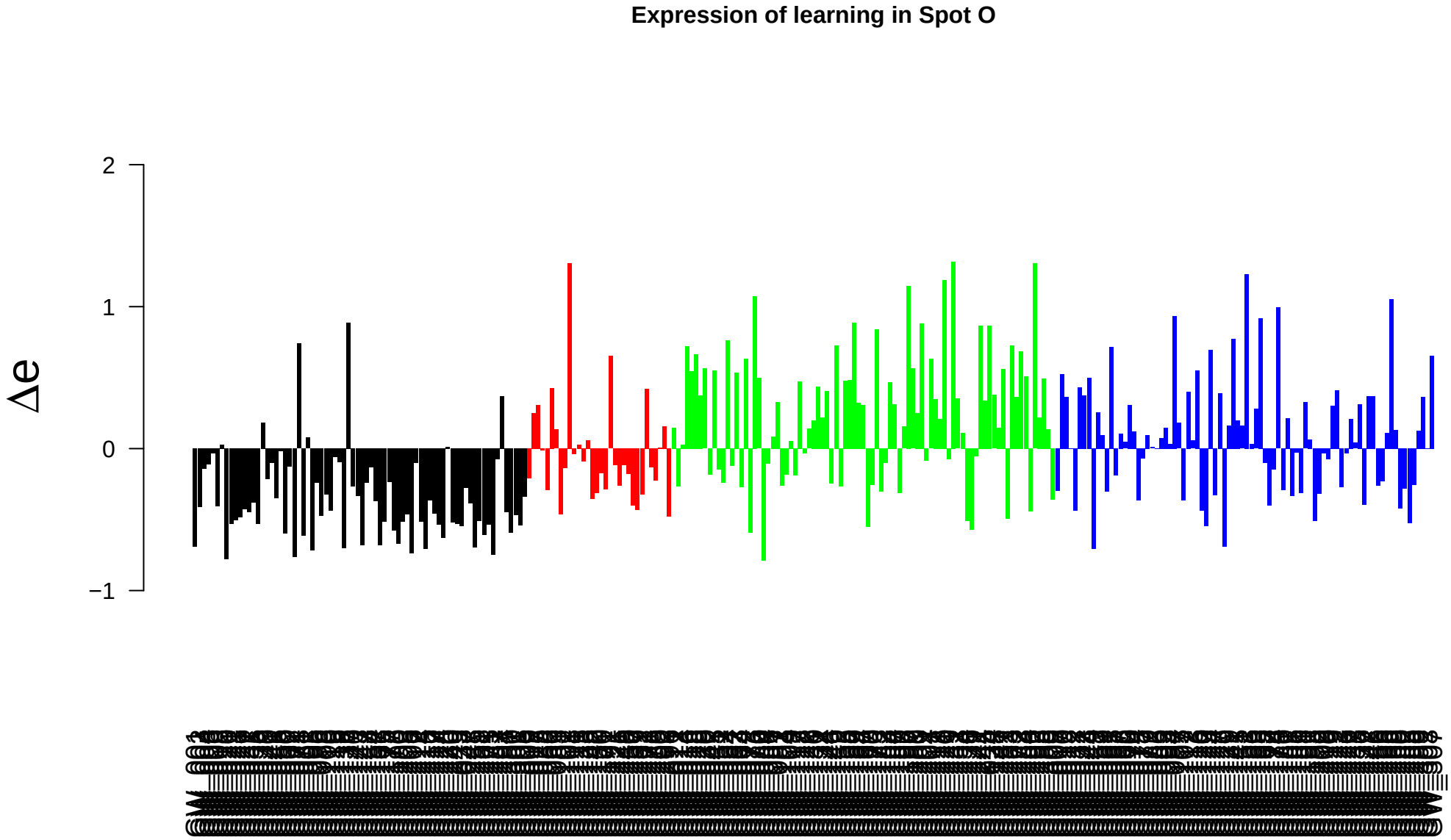

Expression of learning in Spot J
Δe
2
1
0
−1

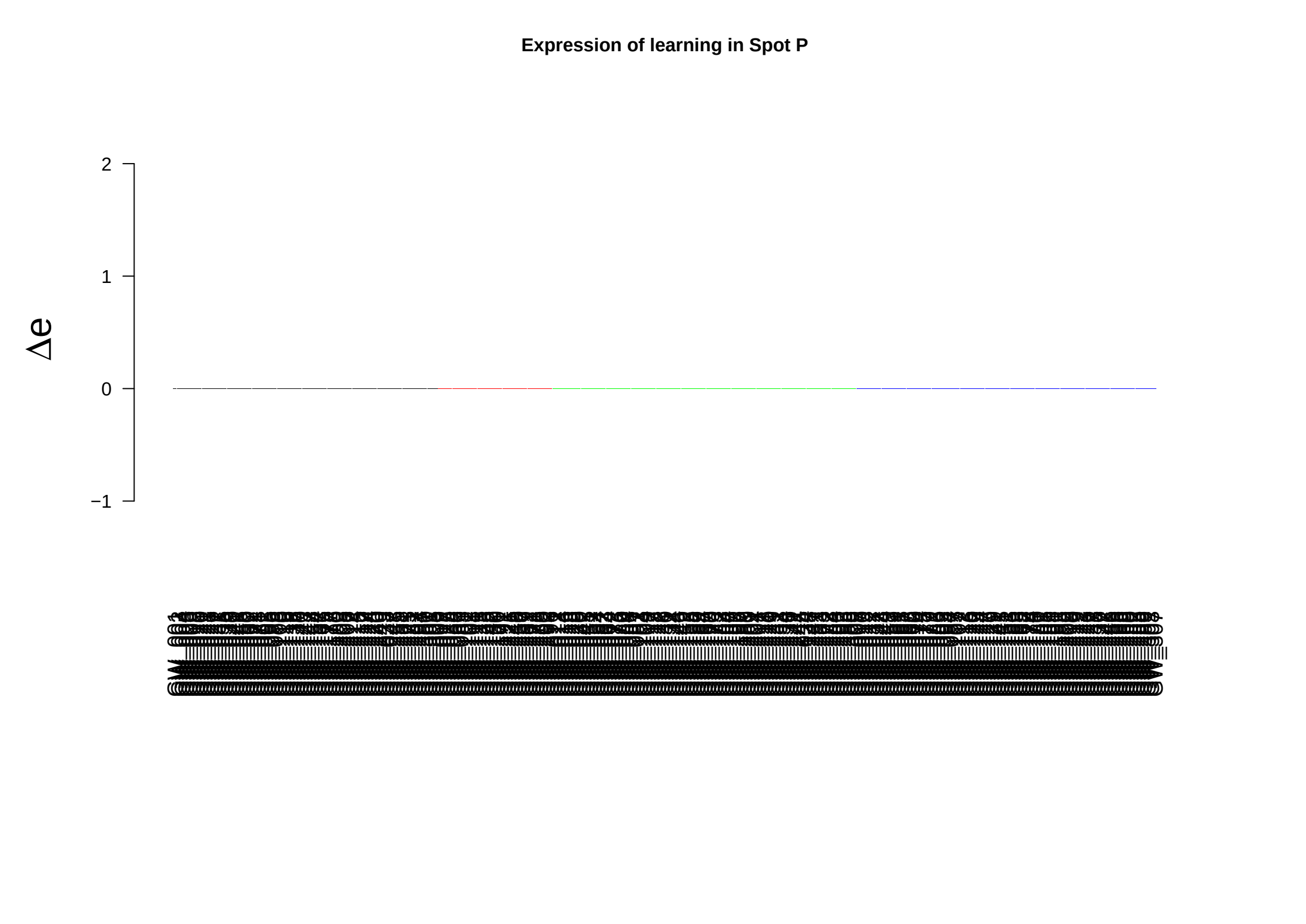

Expression of learning in Spot K
Δe
2
1
0
−1

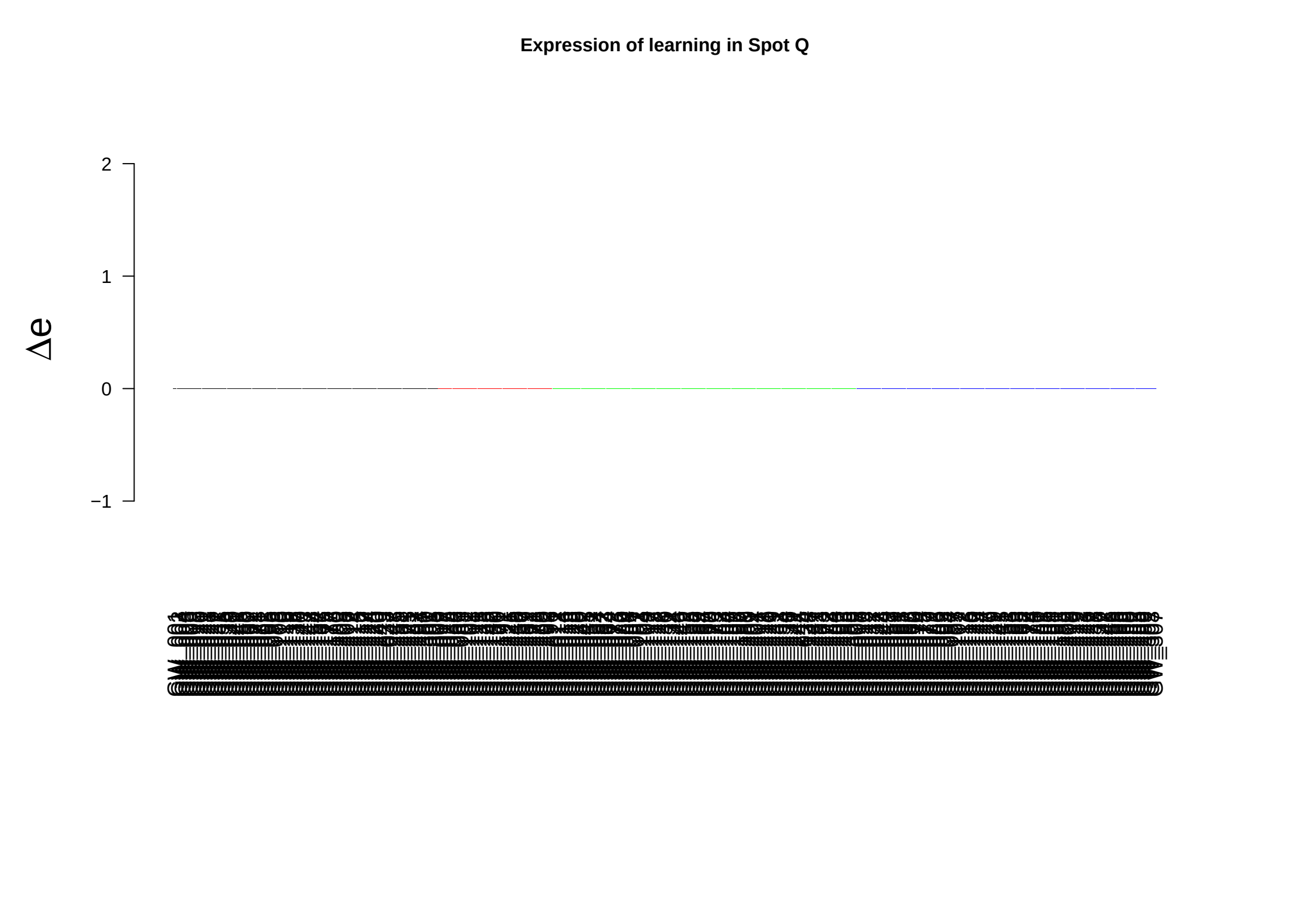

Expression of learning in Spot L
Δe
2
1
0
−1

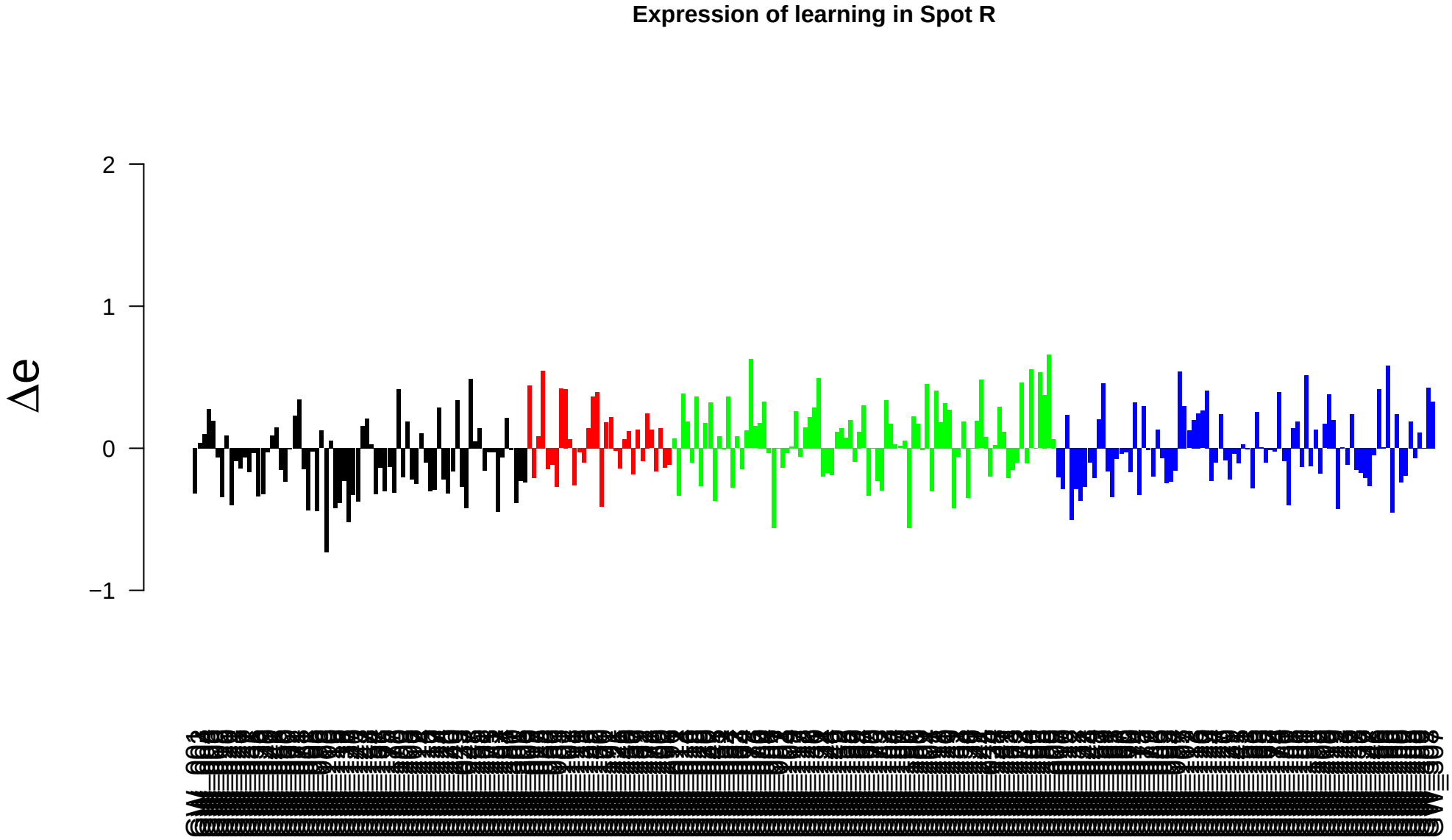

Expression of learning in Spot M
2
1
0
−1
Δe


Expression of learning in Spot N
Δe
2
1
0
−1


Expression of learning in Spot O
Δe
2
1
0
−1


Expression of learning in Spot P
Δe
2
1
0
−1


Expression of learning in Spot Q
Δe
2
1
0
−1


Expression of learning in Spot R
Δe
2
1
0
−1