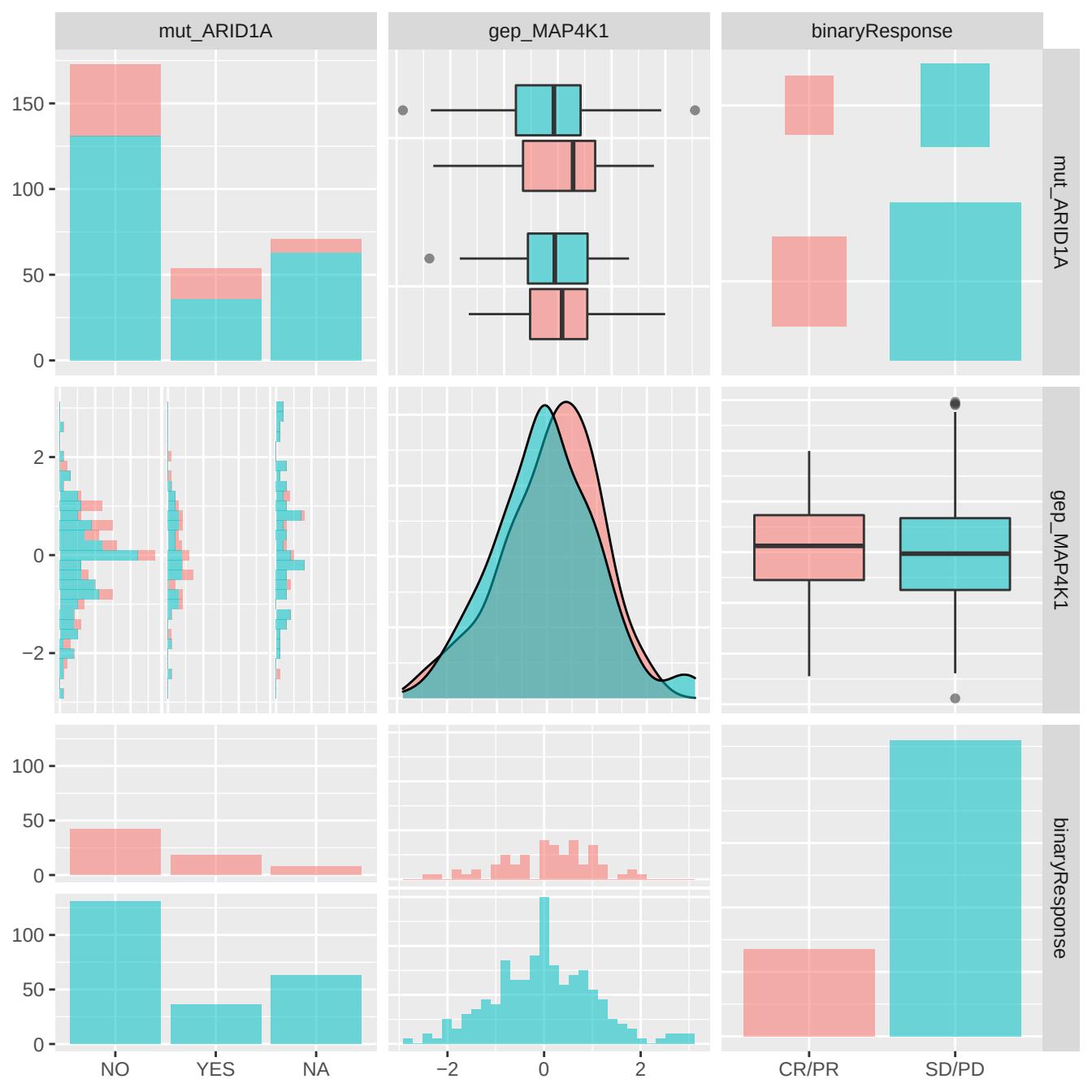
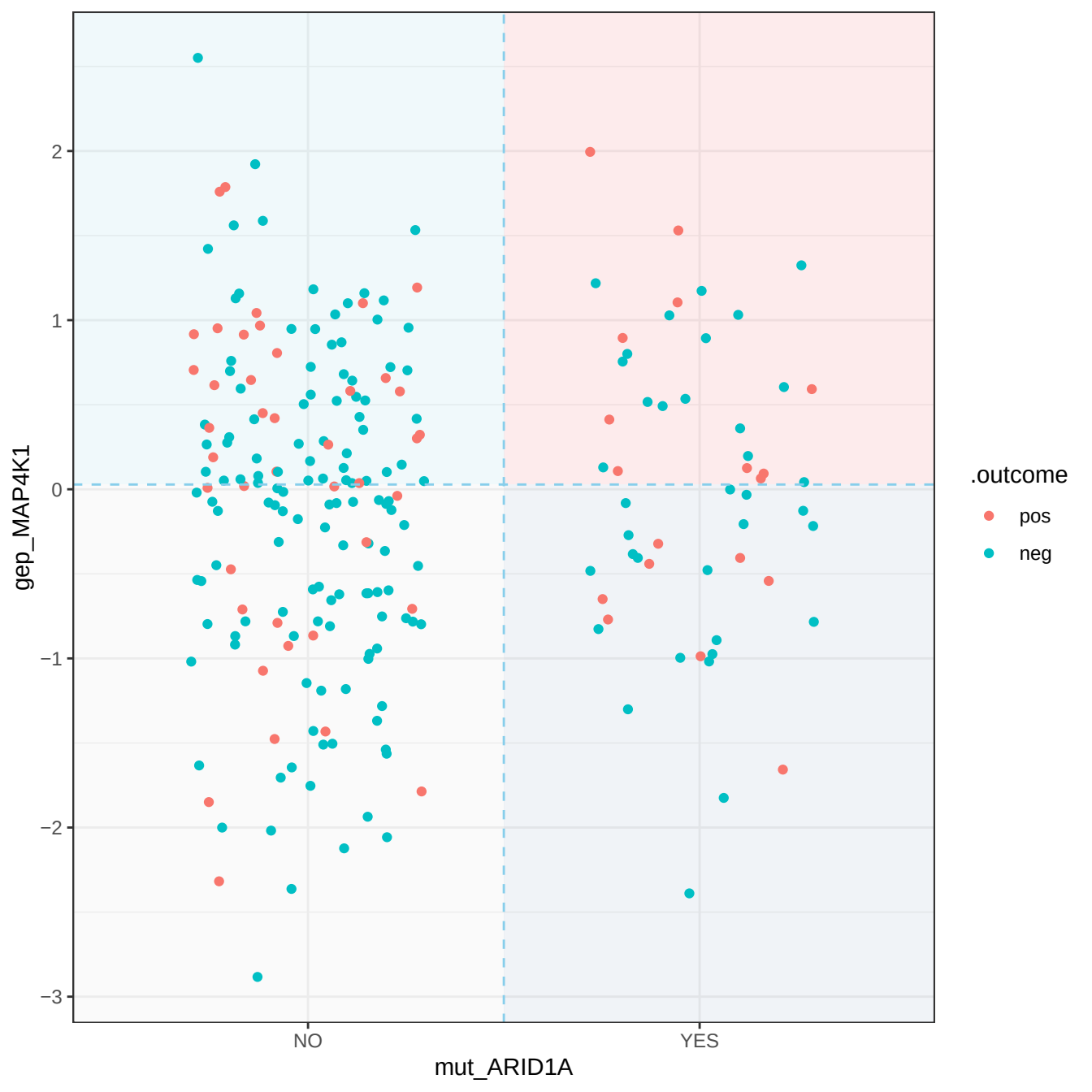
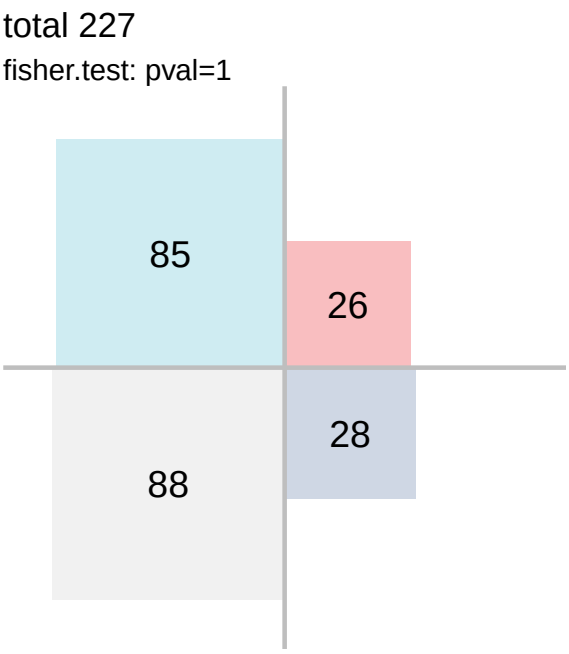
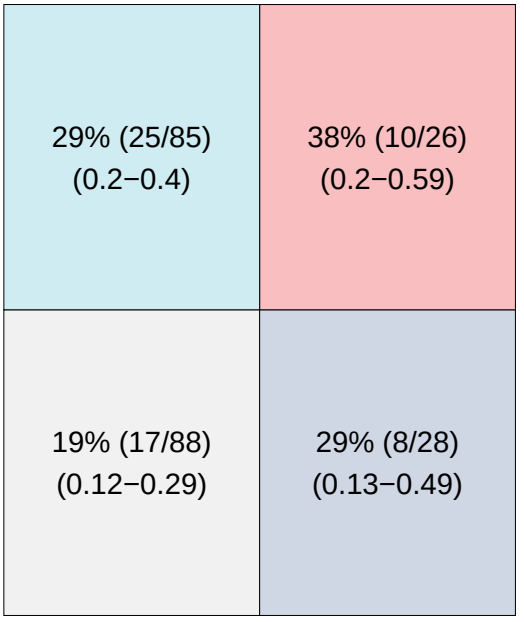
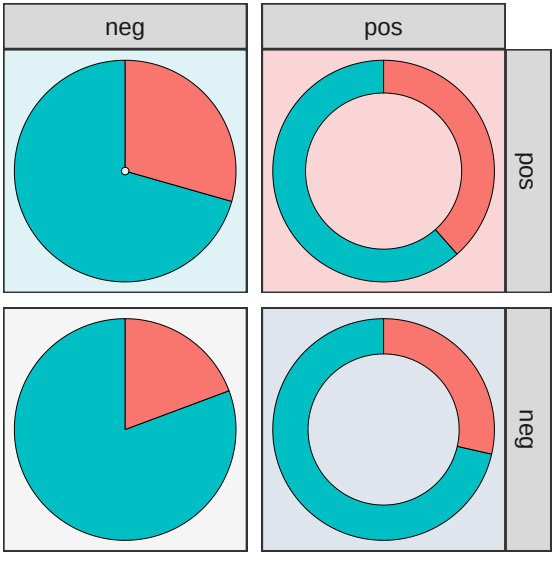
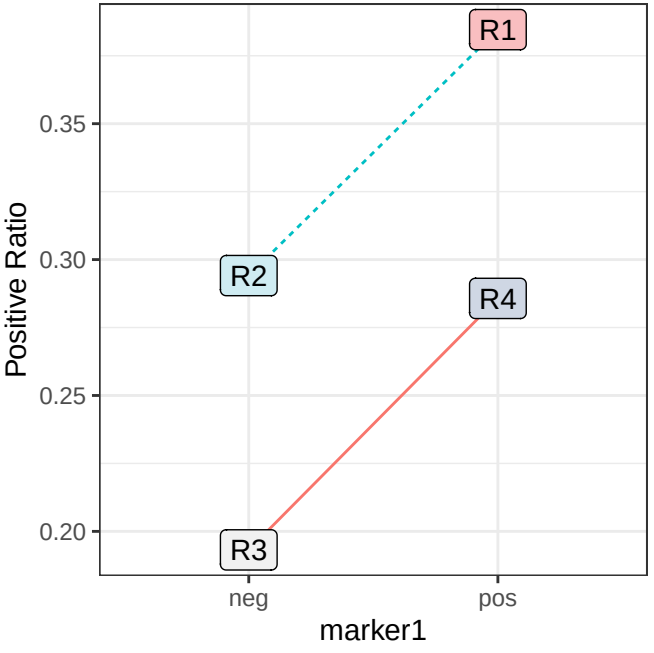

mut_ARID1A
gep_MAP4K1
binaryResponse
mut_ARID1A
gep_MAP4K1
binaryResponse
150
100
50
0
2
0
−2
100
50
0
100
50
0
NO
YES
NA
−2
0
2
CR/PR
SD/PD

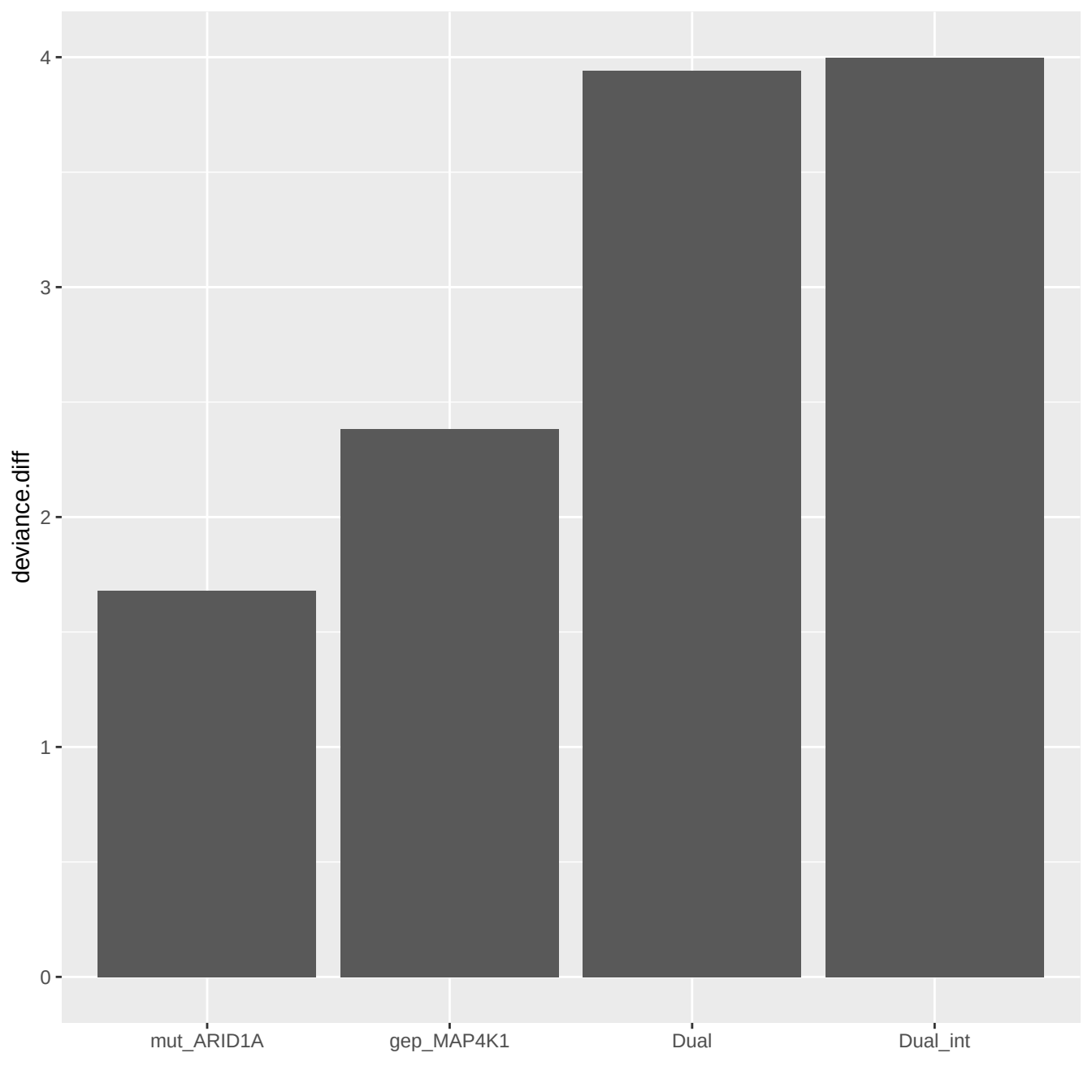

gep_MAP4K1
2
1
0
−1
−2
−3
NO
YES
mut_ARID1A
.outcome
pos
neg

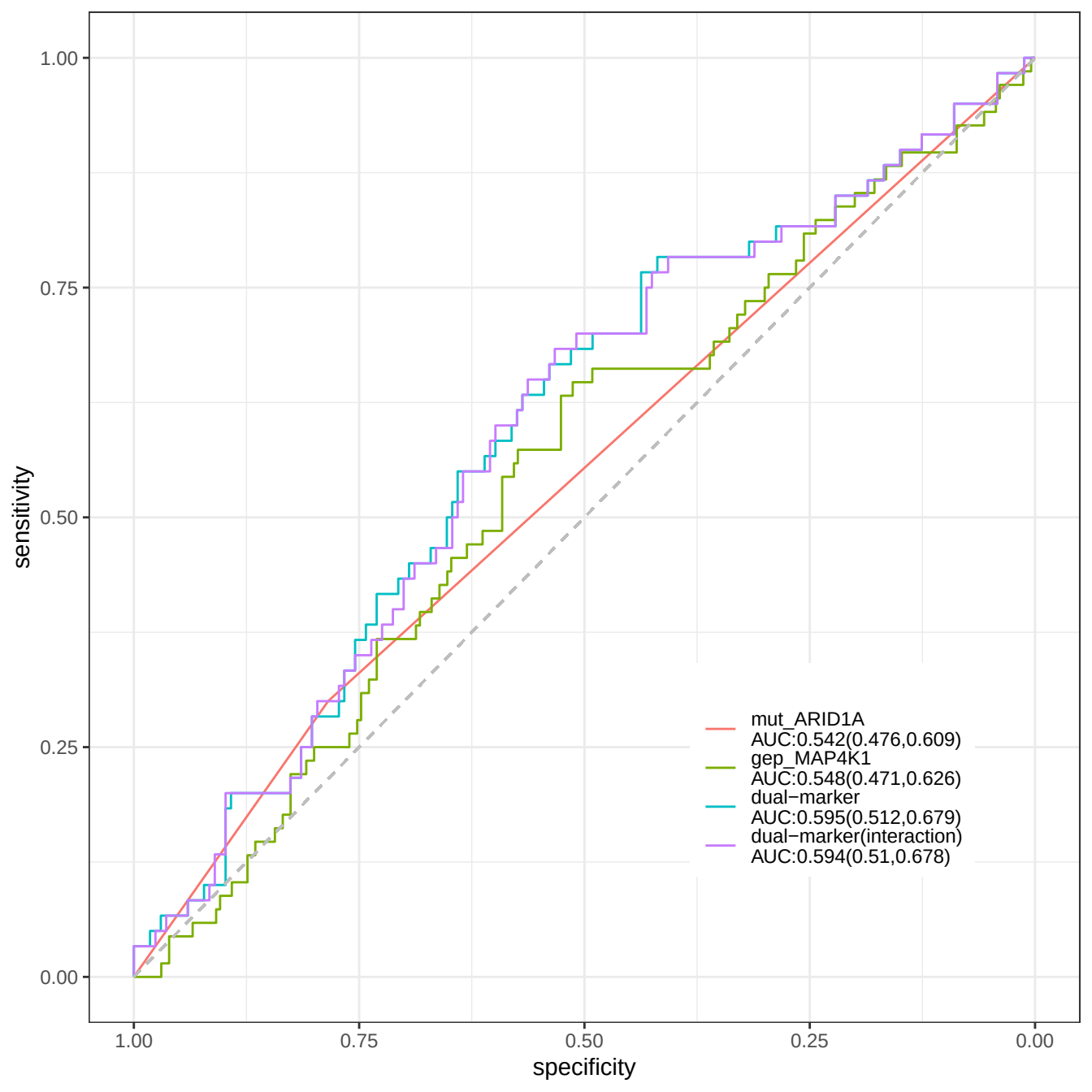

total 227
fisher.test: pval=1
85
26
88
28

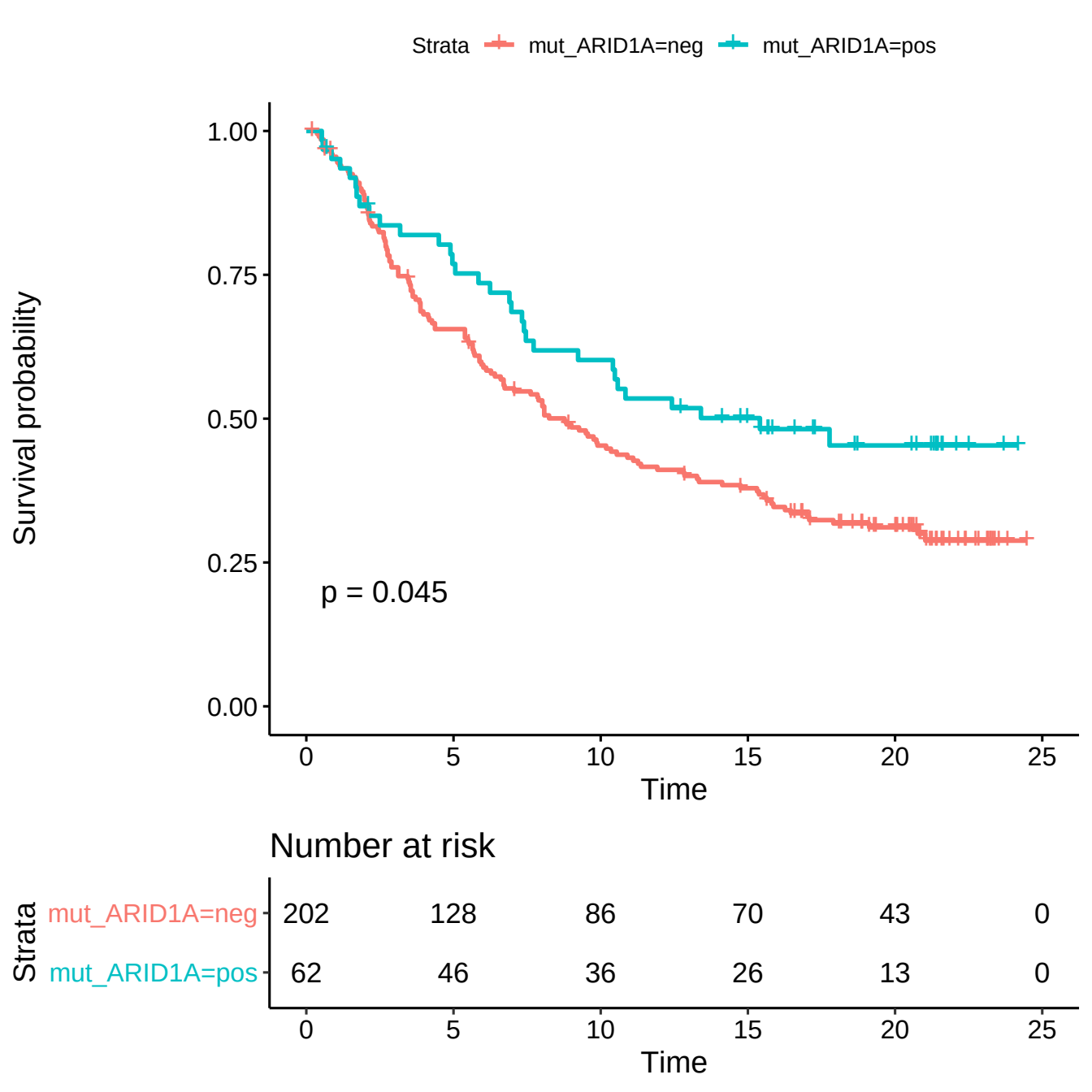

29% (25/85)
(0.2−0.4)
38% (10/26)
(0.2−0.59)
19% (17/88)
(0.12−0.29)
29% (8/28)
(0.13−0.49)

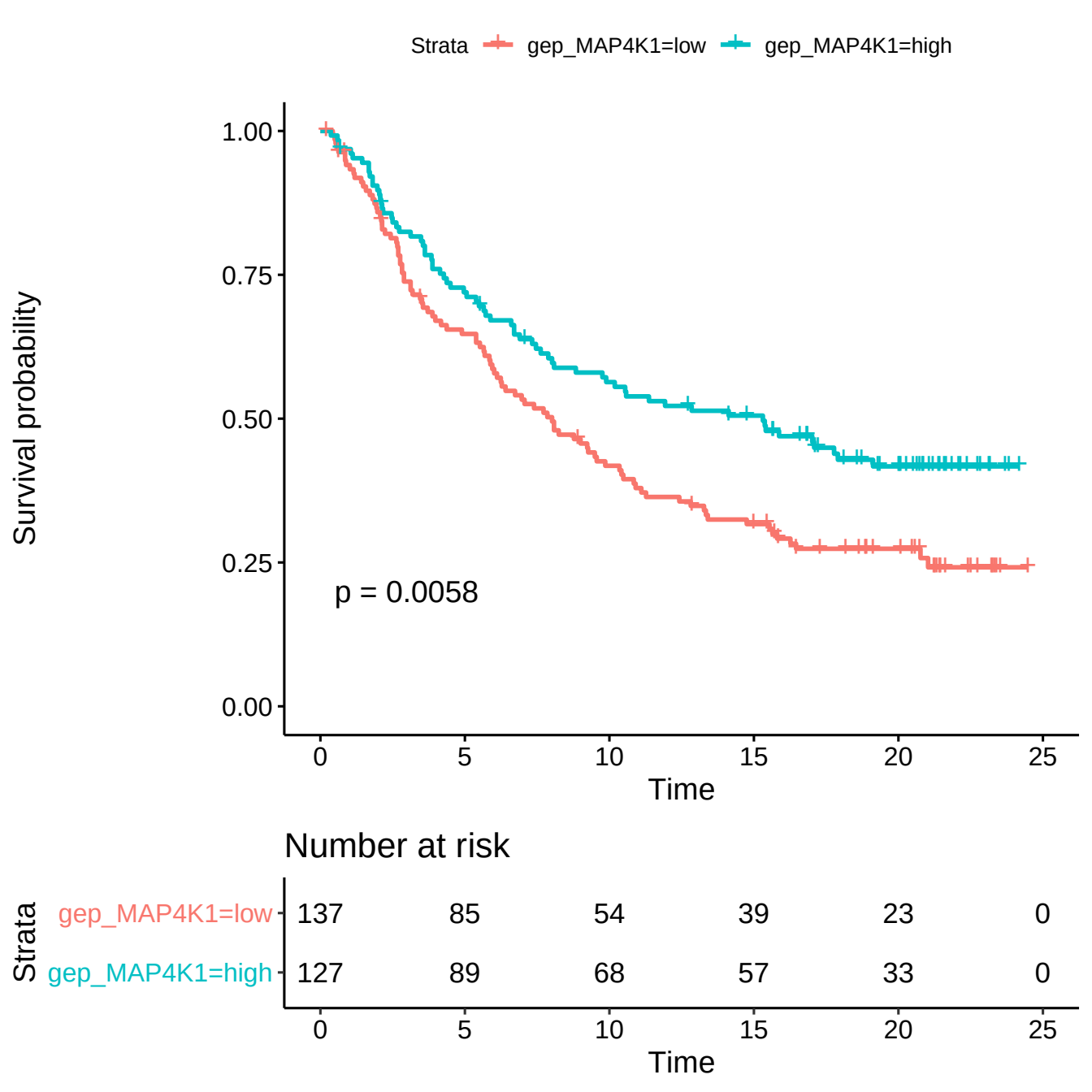

neg
pos
pos
neg

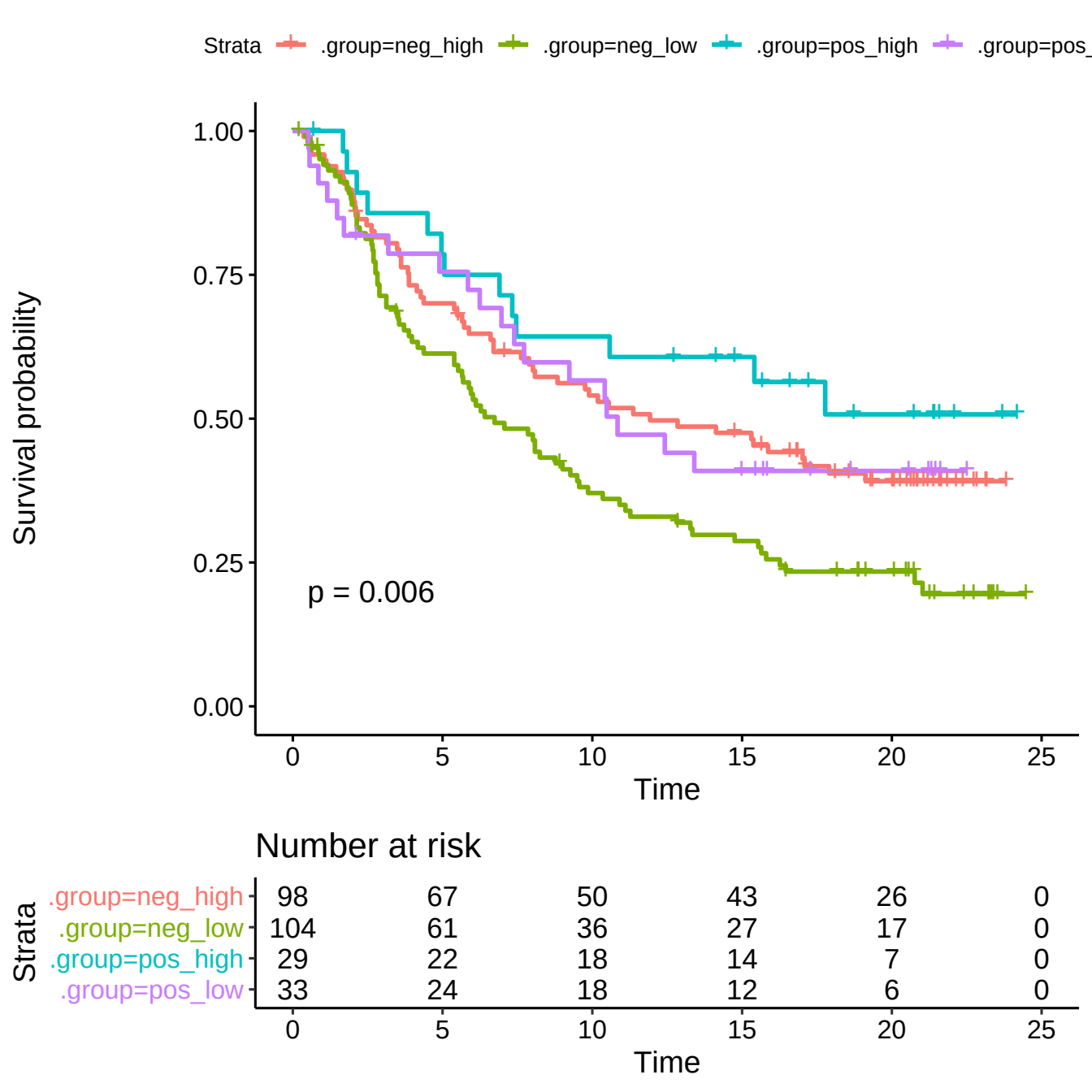

R1
R2
R4
R3
0.35
0.30
0.25
0.20
Positive Ratio
neg
pos
marker1


deviance.diff
4
3
2
1
0
mut_ARID1A
gep_MAP4K1
Dual
Dual_int


1.00
0.75
0.50
0.25
0.00
sensitivity
1.00
0.75
0.50
0.25
0.00
specificity
mut_ARID1A
AUC:0.542(0.476,0.609)
gep_MAP4K1
AUC:0.548(0.471,0.626)
dual−marker
AUC:0.595(0.512,0.679)
dual−marker(interaction)
AUC:0.594(0.51,0.678)


Strata
mut_ARID1A=neg
mut_ARID1A=pos
Survival probability
1.00
0.75
0.50
0.25
0.00
p = 0.045
0
5
10
15
20
25
Time
Number at risk
Strata
mut_ARID1A=neg
mut_ARID1A=pos
202
128
86
70
43
0
62
46
36
26
13
0
0
5
10
15
20
25
Time


Strata
gep_MAP4K1=low
gep_MAP4K1=high
Survival probability
1.00
0.75
0.50
0.25
0.00
p = 0.0058
0
5
10
15
20
25
Time
Number at risk
Strata
gep_MAP4K1=low
gep_MAP4K1=high
137
85
54
39
23
0
127
89
68
57
33
0
0
5
10
15
20
25
Time


Strata
.group=neg_high
.group=neg_low
.group=pos_high
.group=pos_
Survival probability
1.00
0.75
0.50
0.25
0.00
p = 0.006
0
5
10
15
20
25
Time
Number at risk
Strata
.group=neg_high
.group=neg_low
.group=pos_high
.group=pos_low
98 67 50 43 26 0
104 61 36 27 17 0
29 22 18 14 7 0
33 24 18 12 6 0
0
5
10
15
20
25
Time