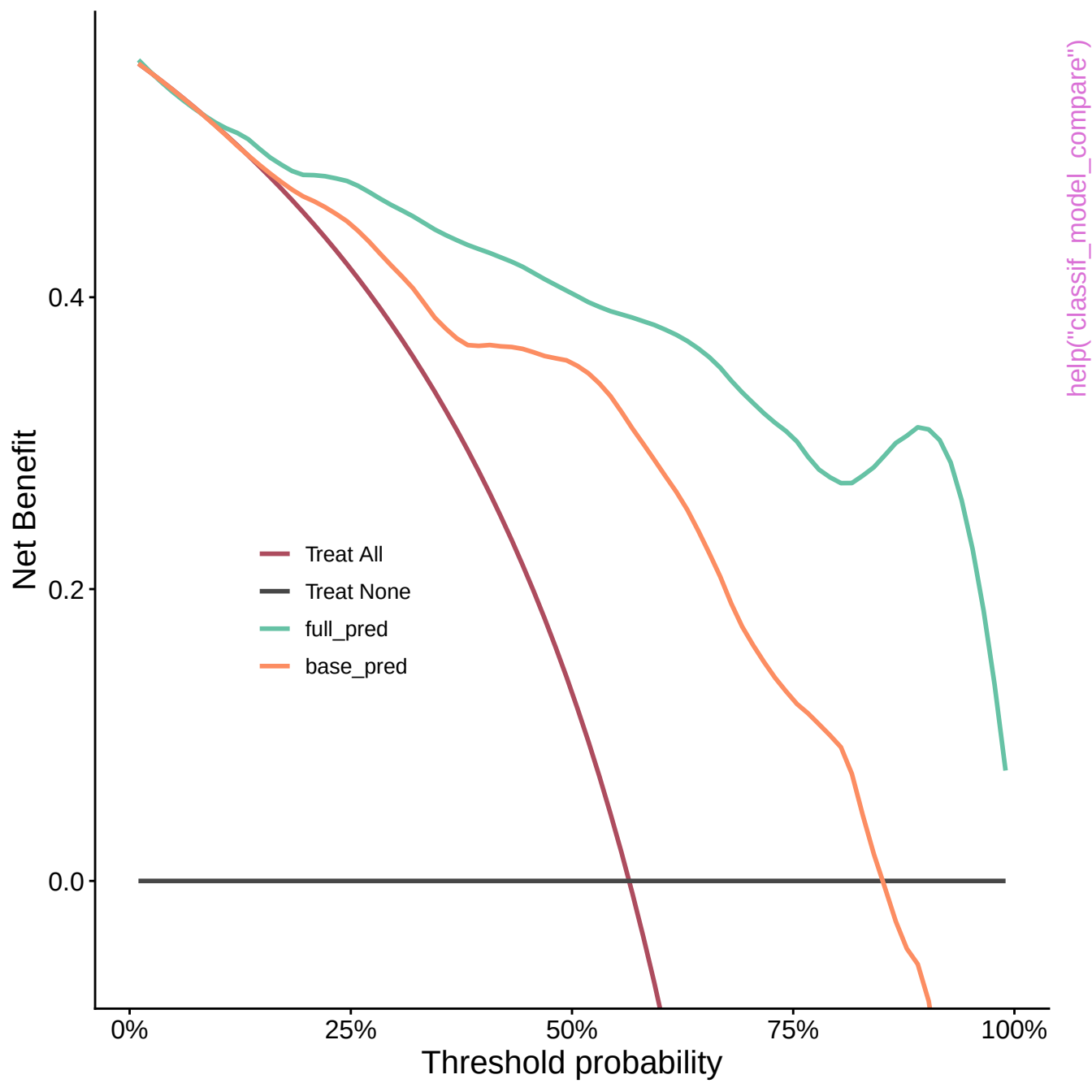
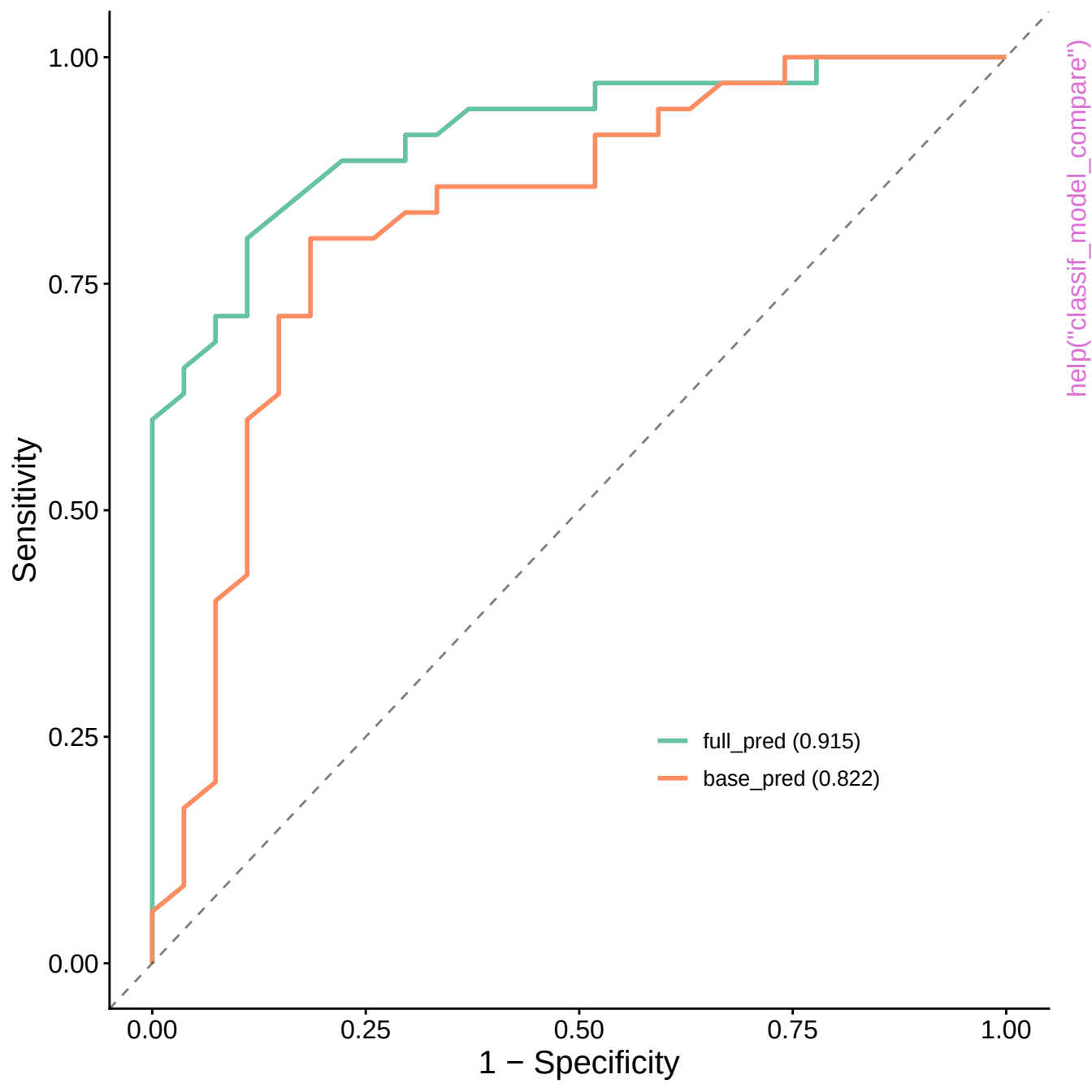
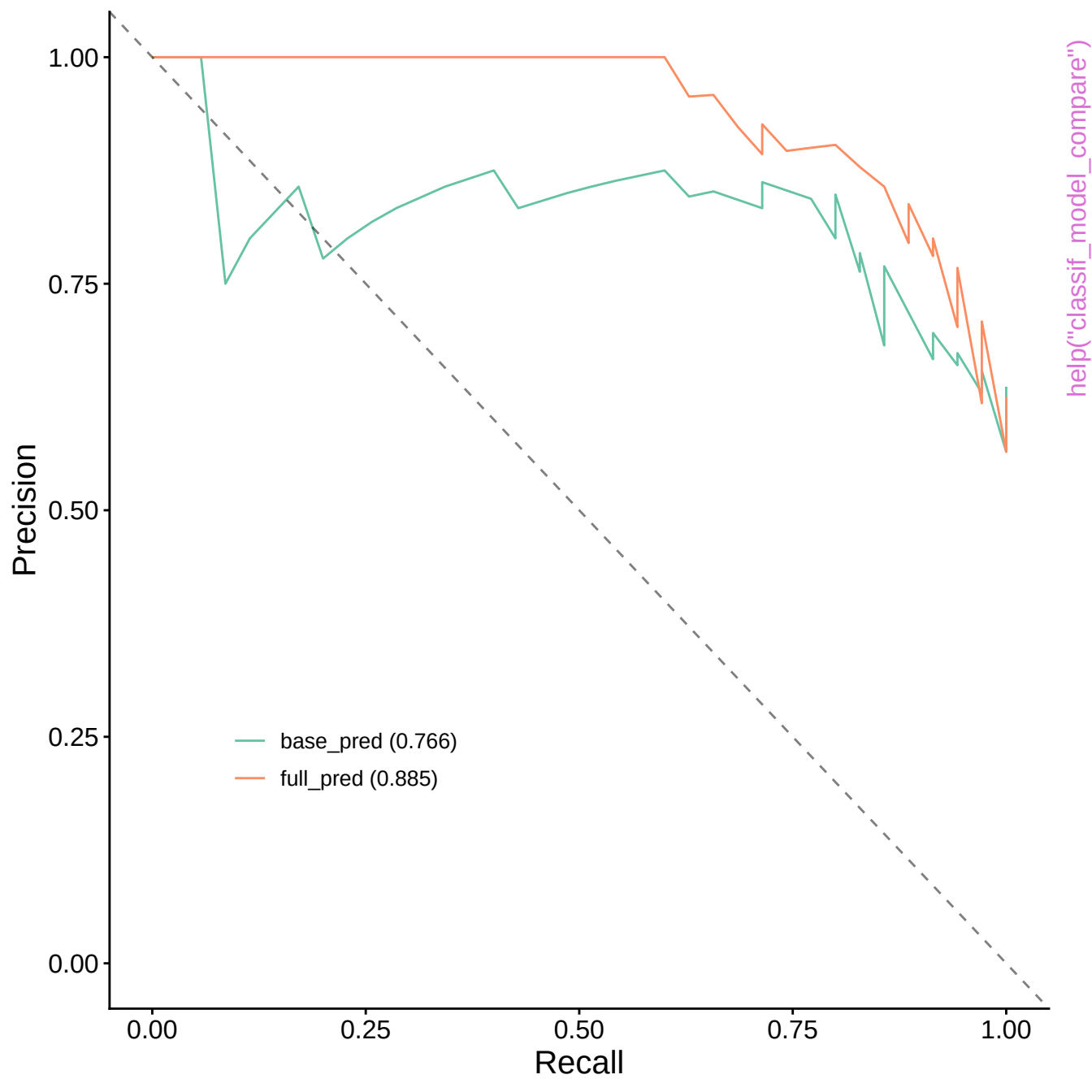
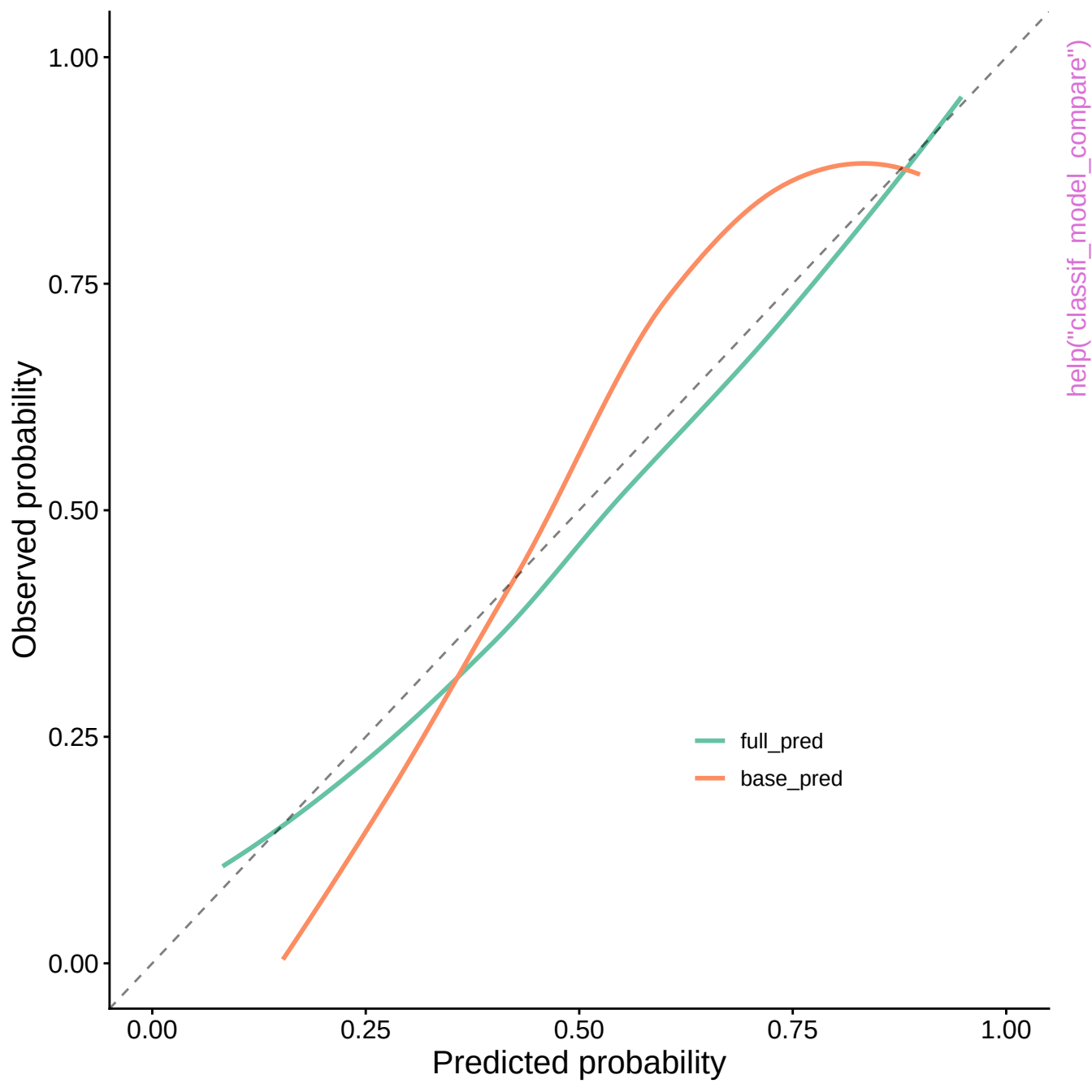
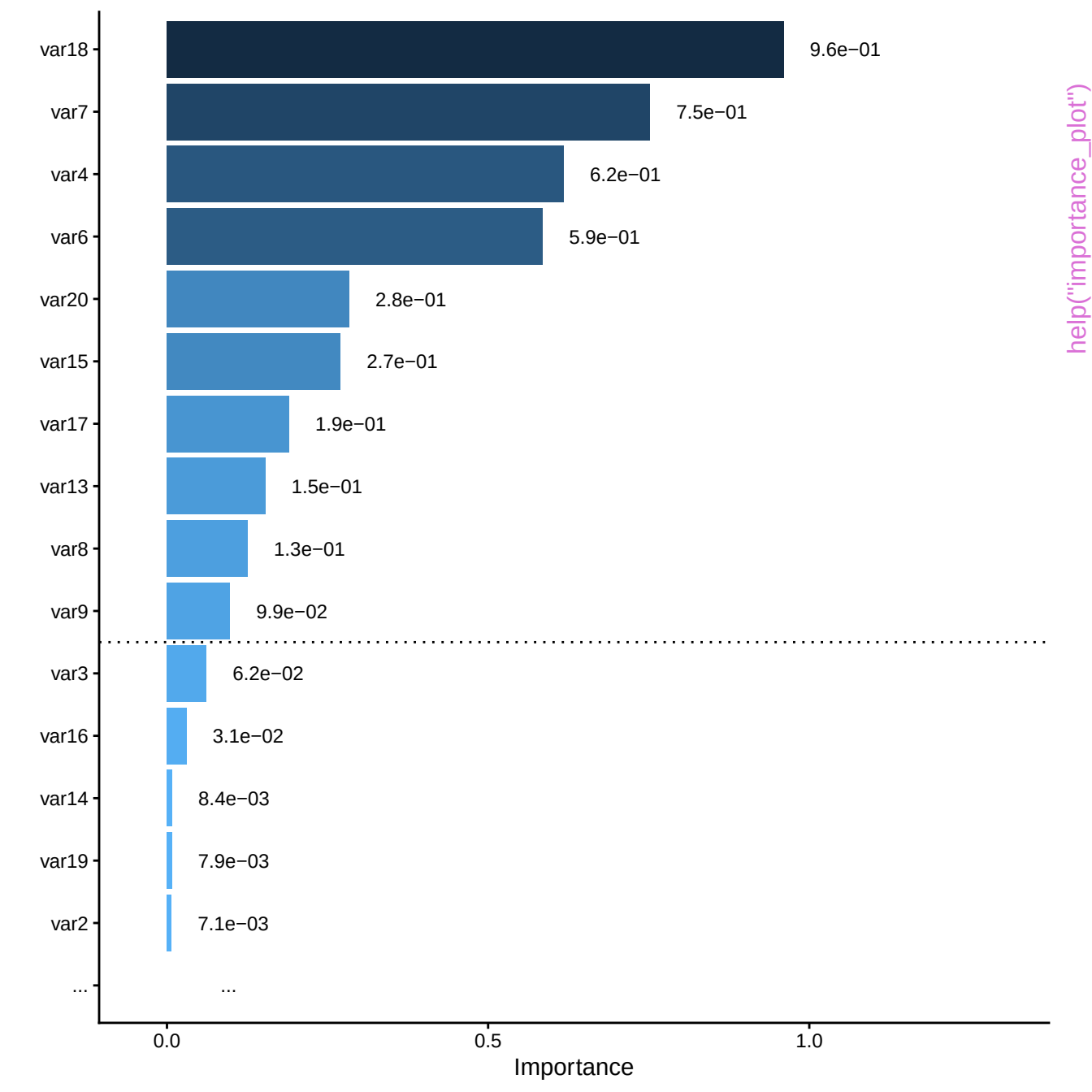
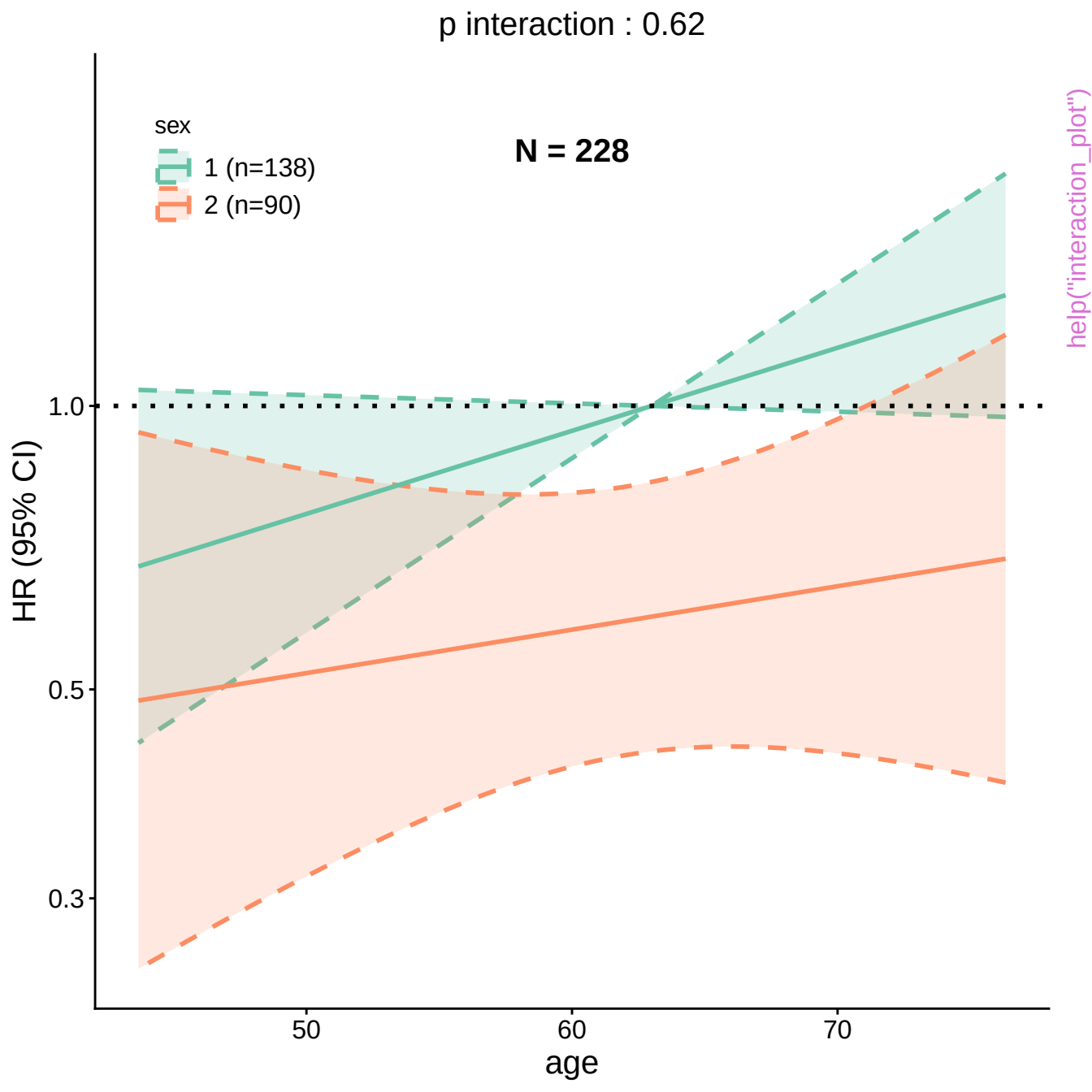

Net Benefit
0.4
0.2
0.0
Treat All
Treat None
full_pred
base_pred
0%
25%
50%
75%
100%
Threshold probability
help("classif_model_compare")

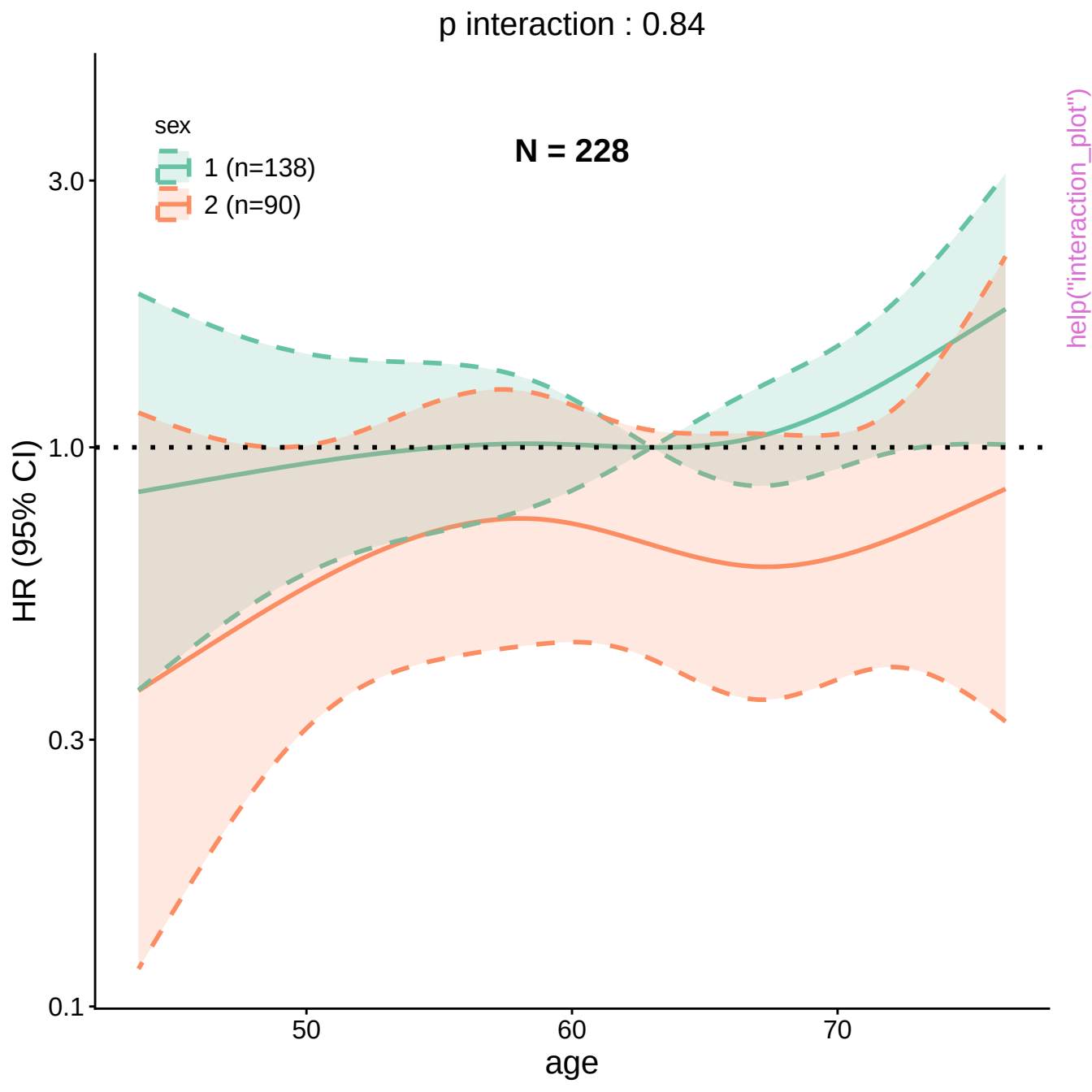

1.00
0.75
0.50
0.25
0.00
Sensitivity
0.00
0.25
0.50
0.75
1.00
1 − Specificity
full_pred (0.915)
base_pred (0.822)
help("classif_model_compare")

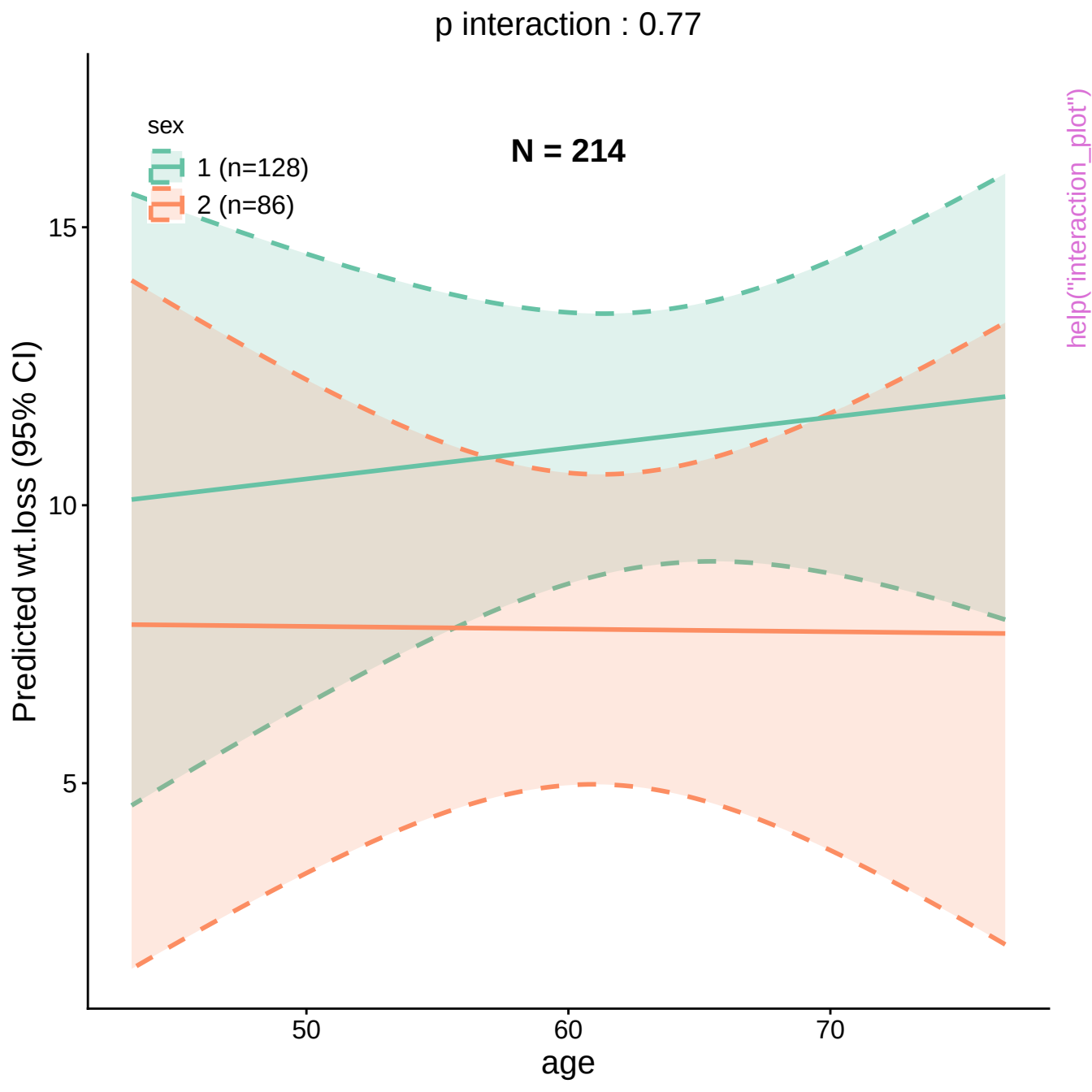

1.00
0.75
0.50
0.25
0.00
Precision
0.00
0.25
0.50
0.75
1.00
Recall
base_pred (0.766)
full_pred (0.885)
help("classif_model_compare")

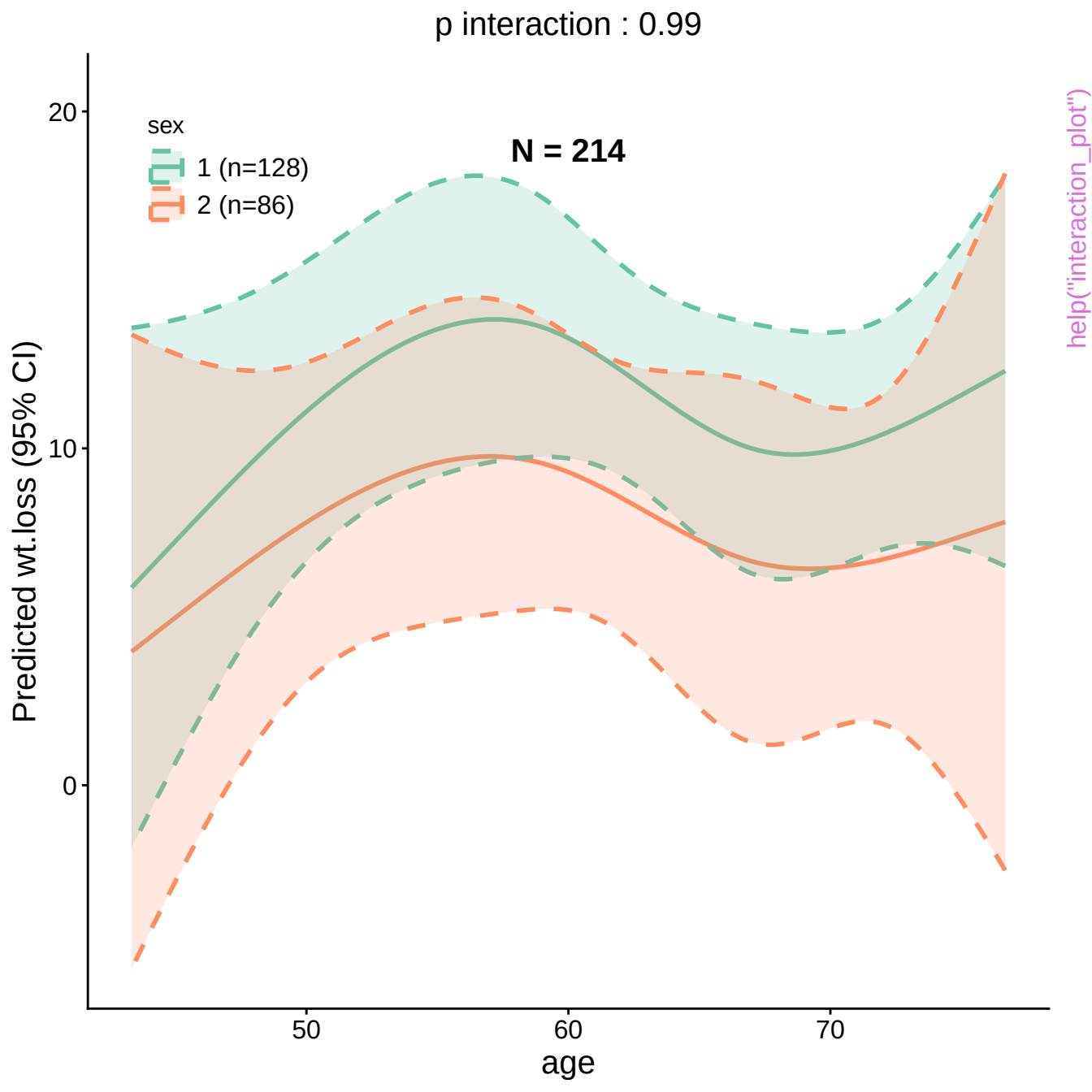

1.00
0.75
0.50
0.25
0.00
Observed probability
0.00
0.25
0.50
0.75
1.00
Predicted probability
full_pred
base_pred
help("classif_model_compare")

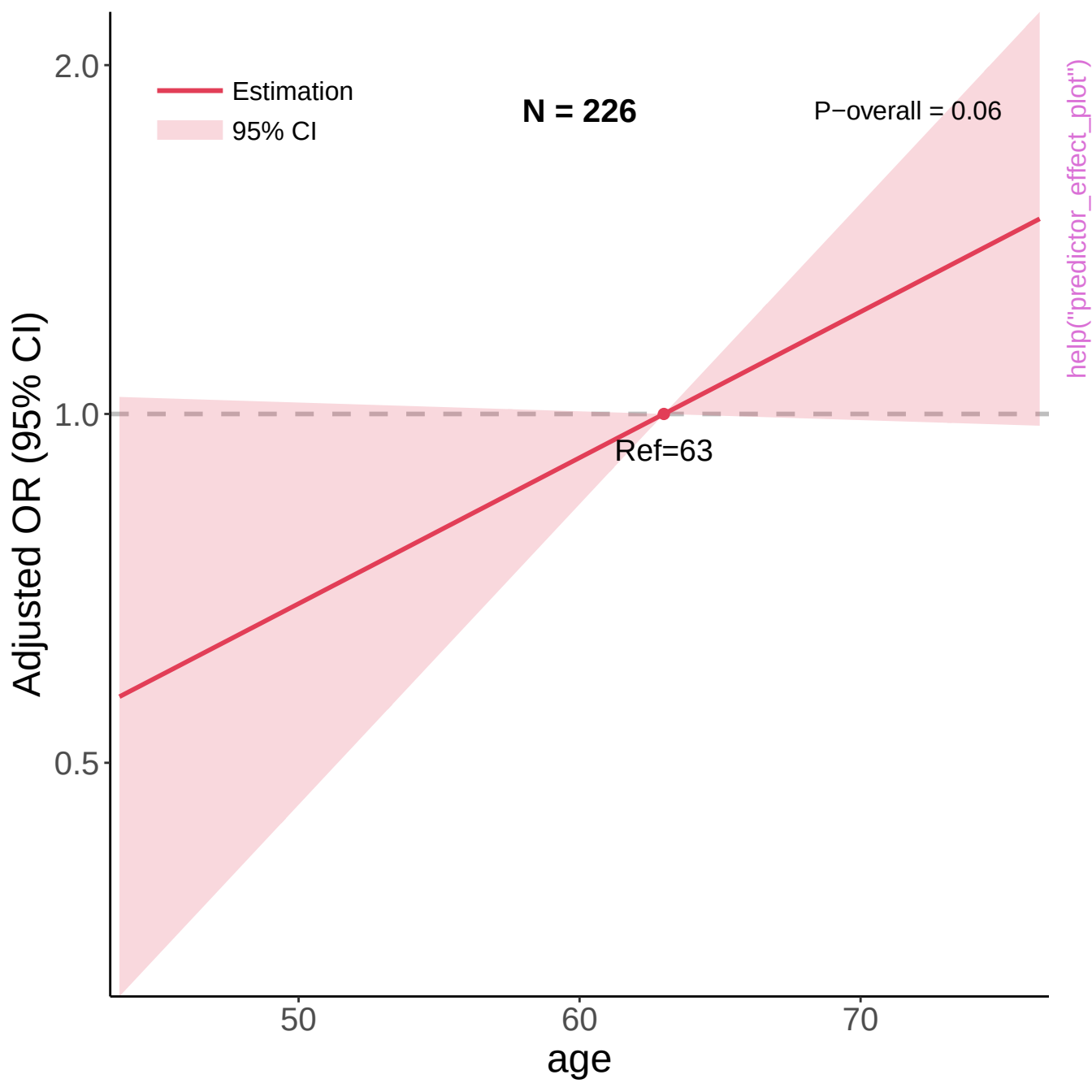

var18
var7
var4
var6
var20
var15
var17
var13
var8
var9
var3
var16
var14
var19
var2
...
9.6e−01
7.5e−01
6.2e−01
5.9e−01
2.8e−01
2.7e−01
1.9e−01
1.5e−01
1.3e−01
9.9e−02
6.2e−02
3.1e−02
8.4e−03
7.9e−03
7.1e−03
...
0.0
0.5
1.0
Importance
help("importance_plot")

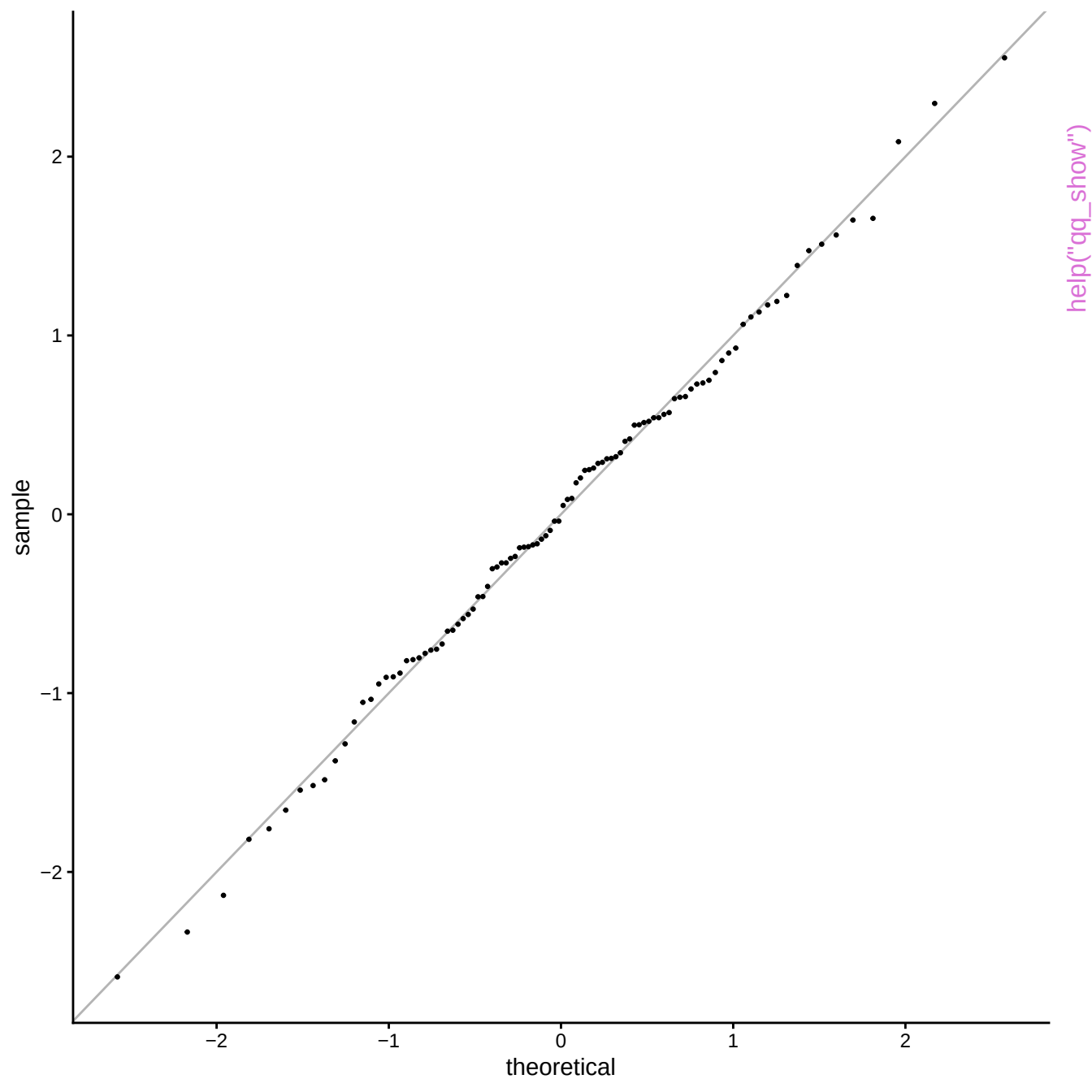

p interaction : 0.62
sex
1 (n=138)
2 (n=90)
N = 228
HR (95% CI)
1.0
0.5
0.3
50
60
70
age
help("interaction_plot")

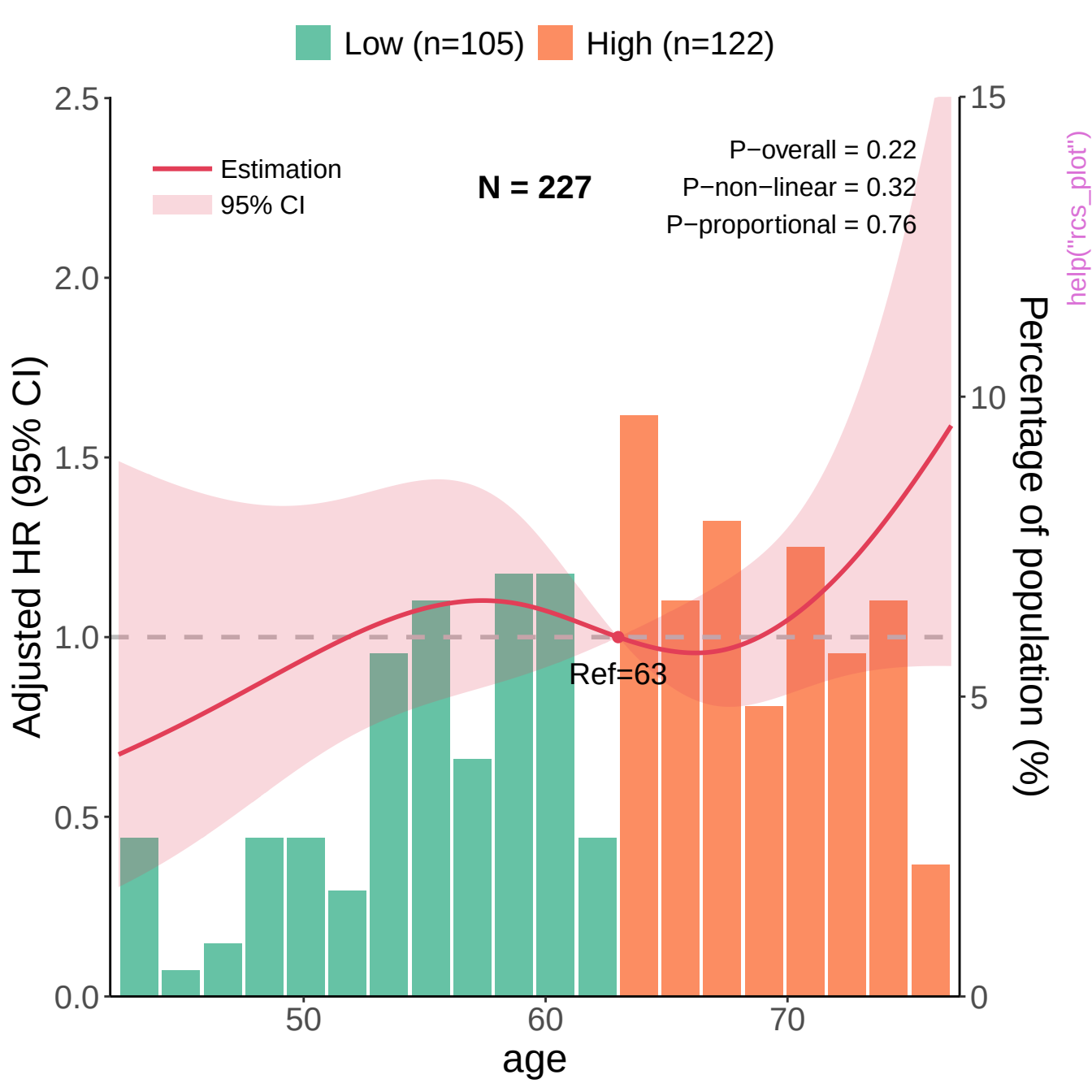

p interaction : 0.84
sex
1 (n=138)
2 (n=90)
N = 228
3.0
1.0
0.3
0.1
HR (95% CI)
50
60
70
age
help("interaction_plot")

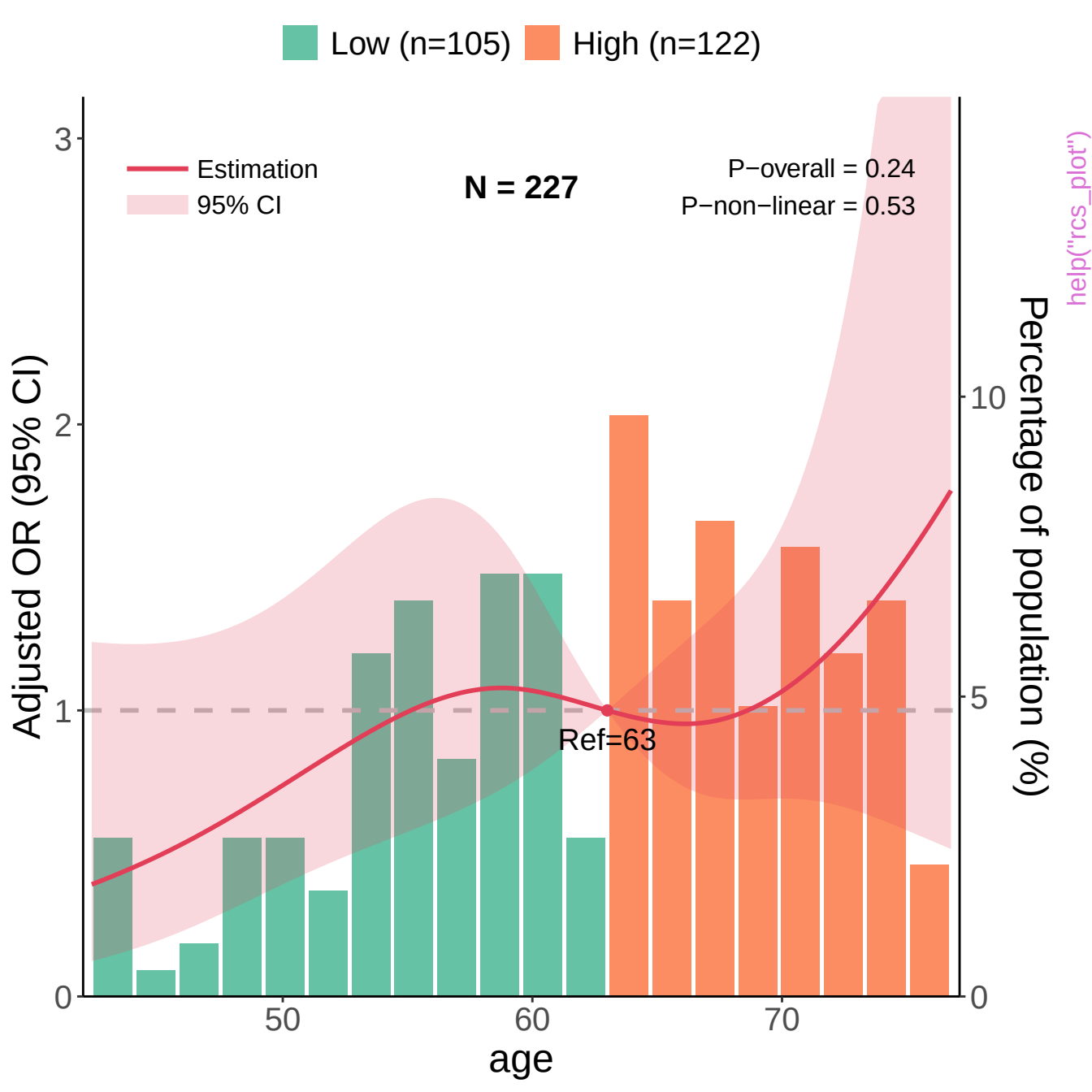

p interaction : 0.77
sex
1 (n=128)
2 (n=86)
N = 214
Predicted wt.loss (95% CI)
15
10
5
50
60
70
age
help("interaction_plot")

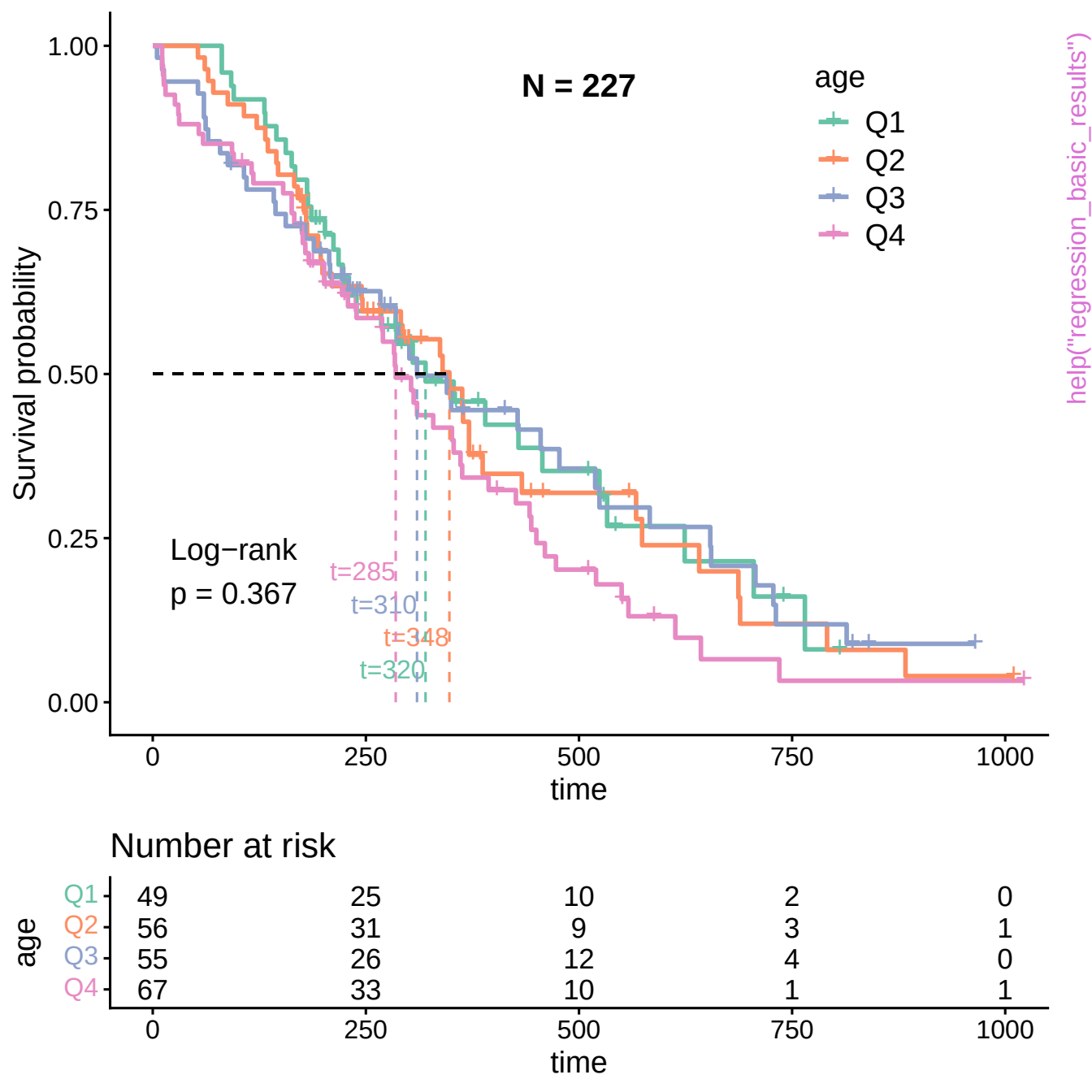

p interaction : 0.99
N = 214
sex
1 (n=128)
2 (n=86)
Predicted wt.loss (95% CI)
20
10
0
50
60
70
age
help("interaction_plot")

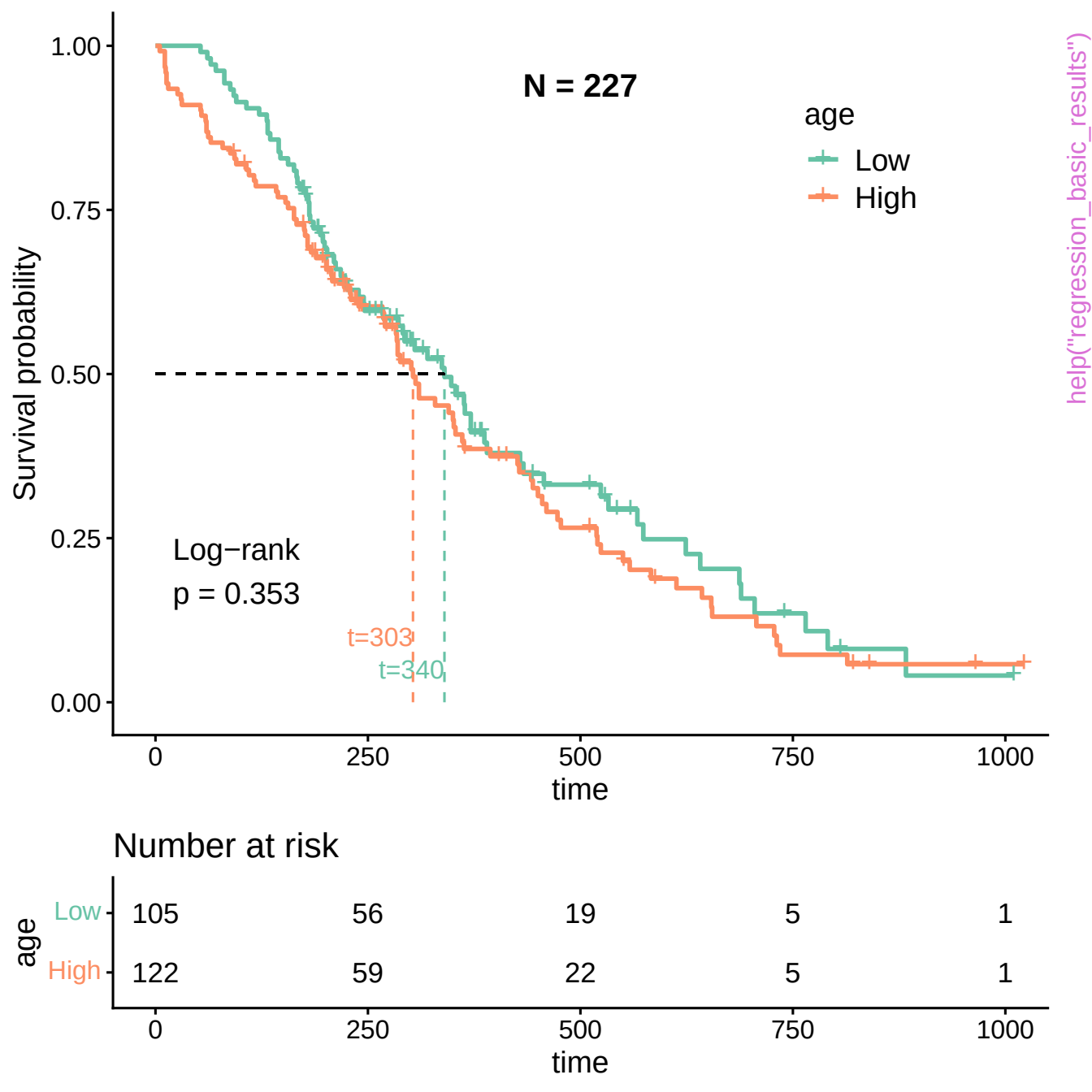

Estimation
95% CI
N = 226
P−overall = 0.06
help("predictor_effect_plot")
2.0
1.0
0.5
Adjusted OR (95% CI)
Ref=63
50
60
70
age


help("qq_show")
sample
theoretical
2
1
0
−1
−2
−2
−1
0
1
2


Low (n=105)
High (n=122)
Estimation
95% CI
N = 227
P−overall = 0.22
P−non−linear = 0.32
P−proportional = 0.76
Ref=63
Adjusted HR (95% CI)
Percentage of population (%)
age
help("rcs_plot")

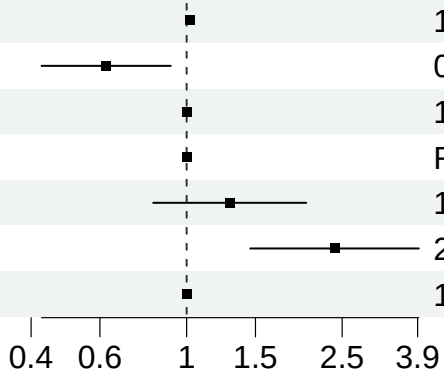

Low (n=105)
High (n=122)
Estimation
95% CI
N = 227
P−overall = 0.24
P−non−linear = 0.53
Ref=63
Adjusted OR (95% CI)
Percentage of population (%)
age
help("rcs_plot")


N = 227
age
Q1
Q2
Q3
Q4
Survival probability
1.00
0.75
0.50
0.25
0.00
Log−rank
p = 0.367
t=285
t=310
t=348
t=320
0
250
500
750
1000
time
help("regression_basic_results")
Number at risk
age
Q1 49 25 10 2 0
Q2 56 31 9 3 1
Q3 55 26 12 4 0
Q4 67 33 10 1 1
0
250
500
750
1000
time


N = 227
age
Low
High
Survival probability
1.00
0.75
0.50
0.25
0.00
Log−rank
p = 0.353
t=303
t=340
0
250
500
750
1000
time
Number at risk
age
Low
High
105
56
19
5
1
122
59
22
5
1
0
250
500
750
1000
time
help("regression_basic_results")

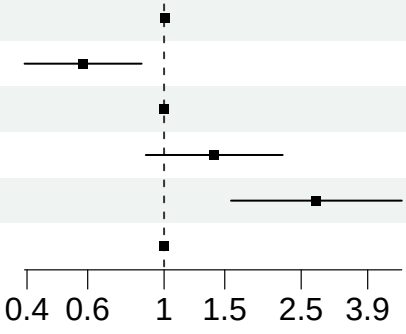
help("regression_forest")

| Variable | Level | HR (95% CI) | P value |
|---|---|---|---|
| age | | 1.02 (1.00 to 1.04) | 0.039 |
| sex | | 0.62 (0.43 to 0.91) | 0.015 |
| wt.loss | | 1.00 (0.99 to 1.01) | 0.970 |
| ph.ecog_cat | 0 | Reference | |
| | 1 | 1.29 (0.82 to 2.02) | 0.270 |
| | >=2 | 2.39 (1.45 to 3.93) | <0.001 |
| meal.cal | | 1.00 (1.00 to 1.00) | 0.544 |

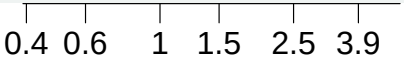


help("regression_forest")

| Variable | Level | HR (95% CI) | P value |
|---|---|---|---|
| age | | 1.01 (0.99 to 1.03) | 0.492 |
| sex | | 0.58 (0.39 to 0.86) | 0.007 |
| ph.ecog_cat | 0 | Reference | |
| | 1 | 1.40 (0.89 to 2.21) | 0.151 |
| | >=2 | 2.77 (1.56 to 4.90) | <0.001 |
| meal.cal | | 1.00 (1.00 to 1.00) | 0.906 |



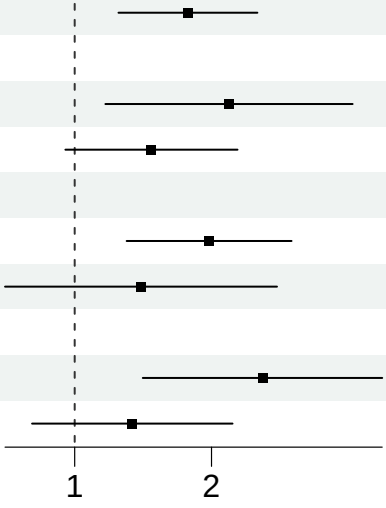
| Model | Variable | Level | HR (95% CI) | P value |
|---|---|---|---|---|
| M0 | age | | 1.02 (1.00 to 1.04) | 0.063 |
| M1 | age | | 1.01 (0.98 to 1.03) | 0.627 |
| | sex | | 0.58 (0.39 to 0.86) | 0.007 |
| | ph.ecog_cat | 0 | Reference | |
| | | 1 | 1.46 (0.92 to 2.31) | 0.111 |
| | | >=2 | 2.91 (1.63 to 5.19) | <0.001 |
| | meal.cal | | 1.00 (1.00 to 1.00) | 0.951 |
| M2 | age | | 1.01 (0.98 to 1.03) | 0.654 |
| | sex | | 0.58 (0.39 to 0.87) | 0.008 |
| | ph.ecog_cat | 0 | Reference | |
| | | 1 | 1.40 (0.88 to 2.24) | 0.157 |
| | | >=2 | 2.40 (1.23 to 4.70) | 0.010 |
| | meal.cal | | 1.00 (1.00 to 1.00) | 0.925 |




help("regression_forest")

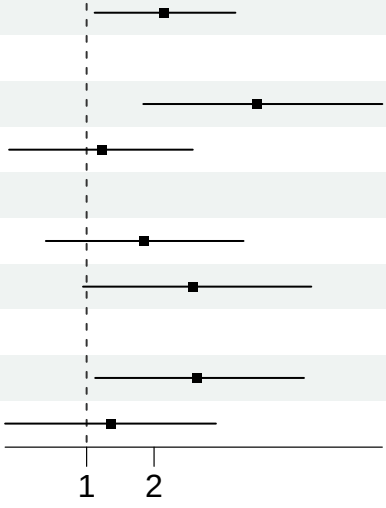
("subgroup_forest")

| ubgroup | Count | Percent | HR (95% CI) | P value | P int |
|---|---|---|---|---|---|
| verall | 226 | 100 | 1.77 (1.25 to 2.52) | 0.001 | |
| ge | | | | | 0.006 |
| [39,63) | 104 | 46 | 2.19 (1.17 to 4.09) | 0.014 | |
| [63,82] | 122 | 54 | 1.48 (0.95 to 2.28) | 0.080 | |
| ex | | | | | 0.508 |
| 1 | 136 | 60.2 | 1.98 (1.30 to 3.00) | 0.001 | |
| 2 | 90 | 39.8 | 1.40 (0.70 to 2.79) | 0.339 | |
| t.loss | | | | | 0.207 |
| [−24,7) | 106 | 49.8 | 2.59 (1.41 to 4.75) | 0.002 | |
| [7,68] | 107 | 50.2 | 1.34 (0.81 to 2.22) | 0.260 | |

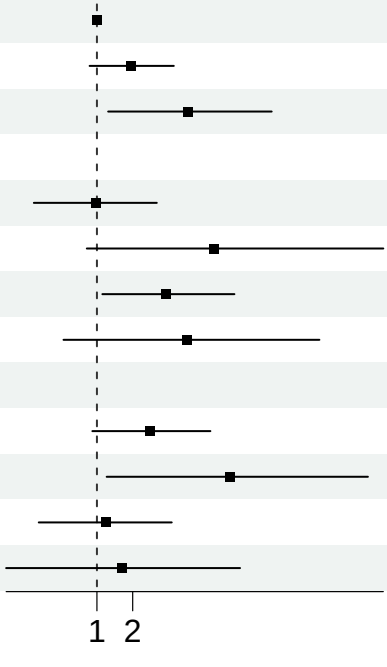


("subgroup_forest")

| ubgroup | Count | Percent | OR (95% CI) | P value | P int |
|---|---|---|---|---|---|
| verall | 226 | 100 | 2.22 (1.09 to 4.61) | 0.030 | |
| ge | | | | | 0.006 |
| [39,63) | 104 | 46 | 5.74 (1.79 to 20.88) | 0.005 | |
| [63,82] | 122 | 54 | 1.17 (0.45 to 2.98) | 0.743 | |
| x | | | | | 0.382 |
| 1 | 136 | 60.2 | 1.80 (0.66 to 5.02) | 0.252 | |
| 2 | 90 | 39.8 | 2.99 (0.96 to 10.06) | 0.065 | |
| .loss | | | | | 0.964 |
| [−24,7) | 106 | 49.8 | 3.10 (1.09 to 9.33) | 0.037 | |
| [7,68] | 107 | 50.2 | 1.28 (0.43 to 3.78) | 0.653 | |



| oup | Count | Percent | Level | OR (95% CI) | P value | P |
|---|---|---|---|---|---|---|
| | 226 | 100 | 0 | Reference | | |
| | | | 1 | 1.95 (0.87 to 4.44) | 0.107 | |
| | | | >=2 | 5.84 (1.24 to 29.58) | 0.028 | |
| | | | | | | 0. |
| | 136 | 60.2 | 1 | 0.99 (0.29 to 3.19) | 0.980 | |
| | | | >=2 | 9.70 (0.82 to 257.56) | 0.098 | |
| | 90 | 39.8 | 1 | 3.84 (1.11 to 14.37) | 0.038 | |
| | | | >=2 | 5.72 (0.52 to 74.61) | 0.164 | |
| | | | | | | 0. |
| 7) | 106 | 49.8 | 1 | 2.79 (0.91 to 9.02) | 0.076 | |
| | | | >=2 | 13.11 (1.21 to 191.03) | 0.042 | |
| | 107 | 50.2 | 1 | 1.19 (0.32 to 4.26) | 0.785 | |
| | | | >=2 | 1.62 (0.17 to 16.02) | 0.674 | |




ggroup_forest")