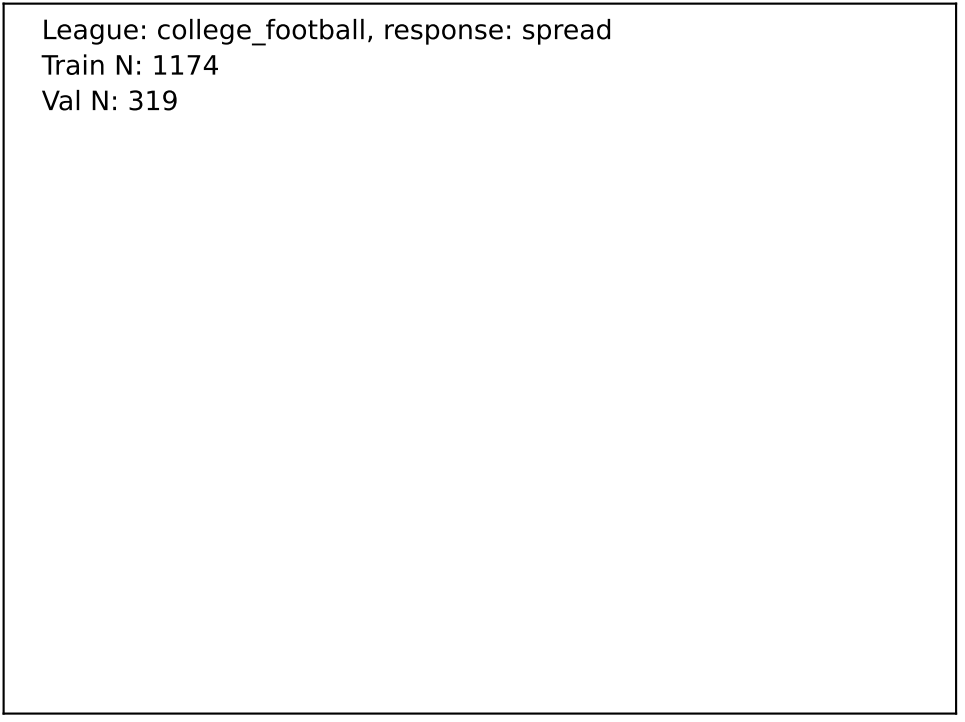
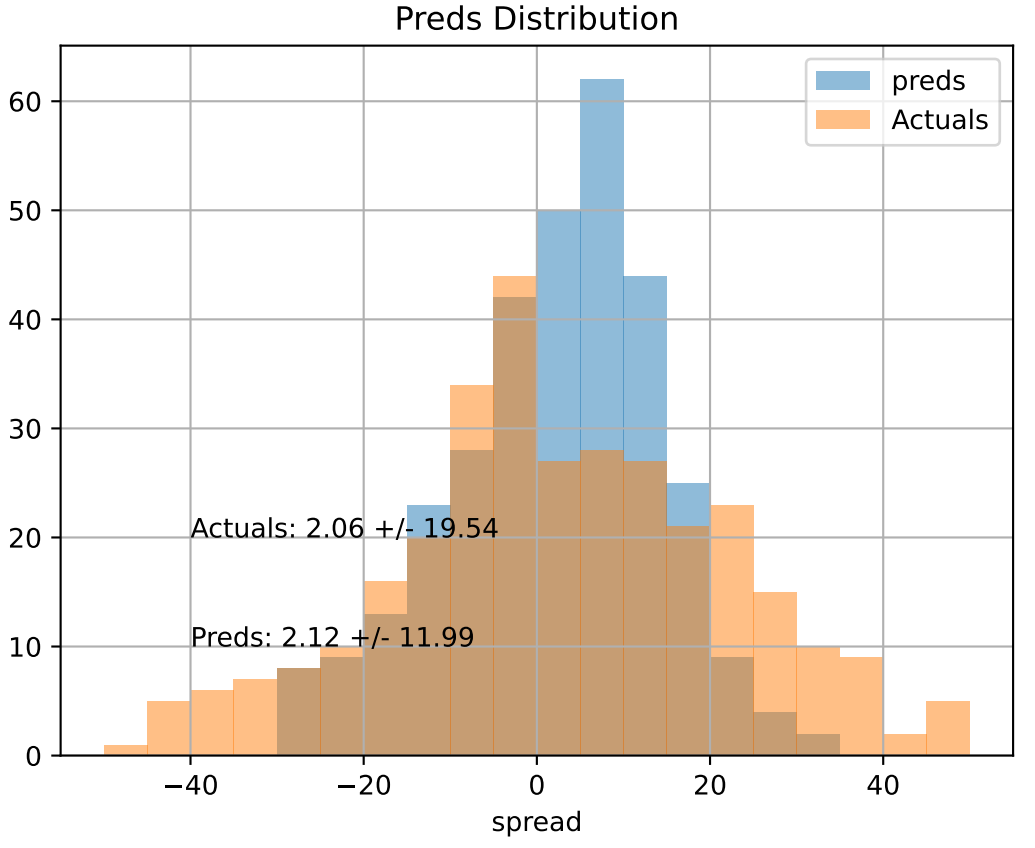
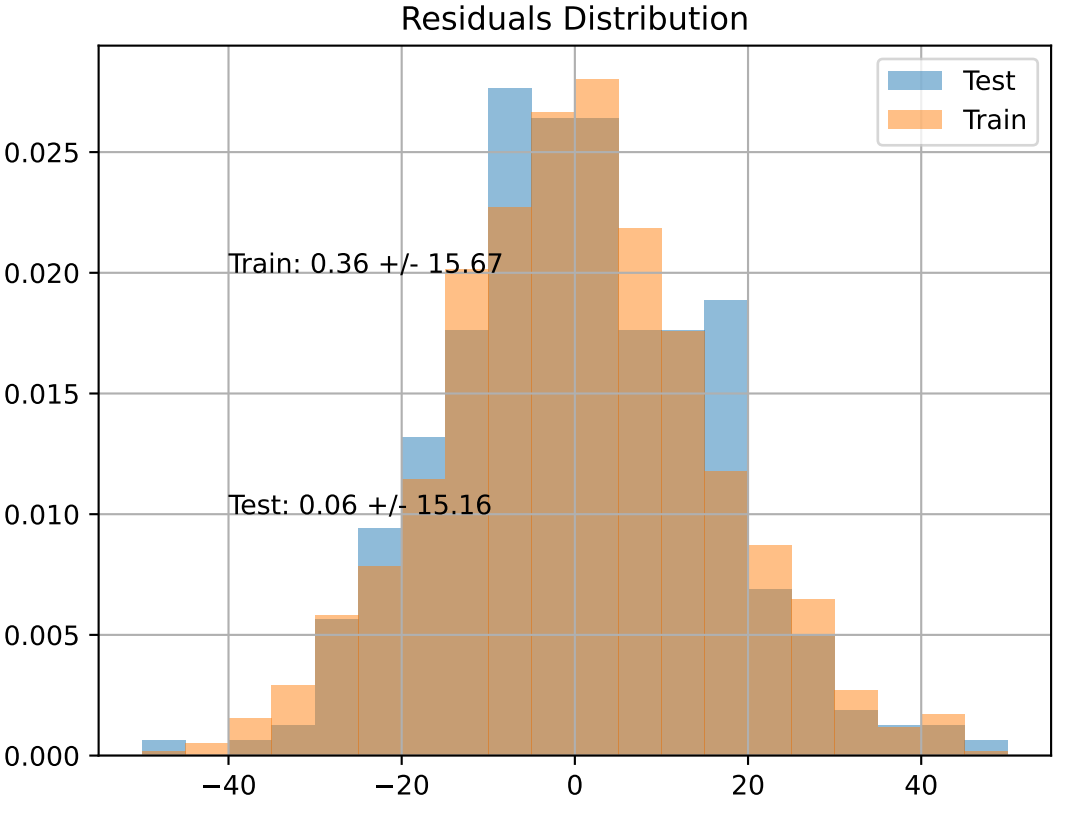
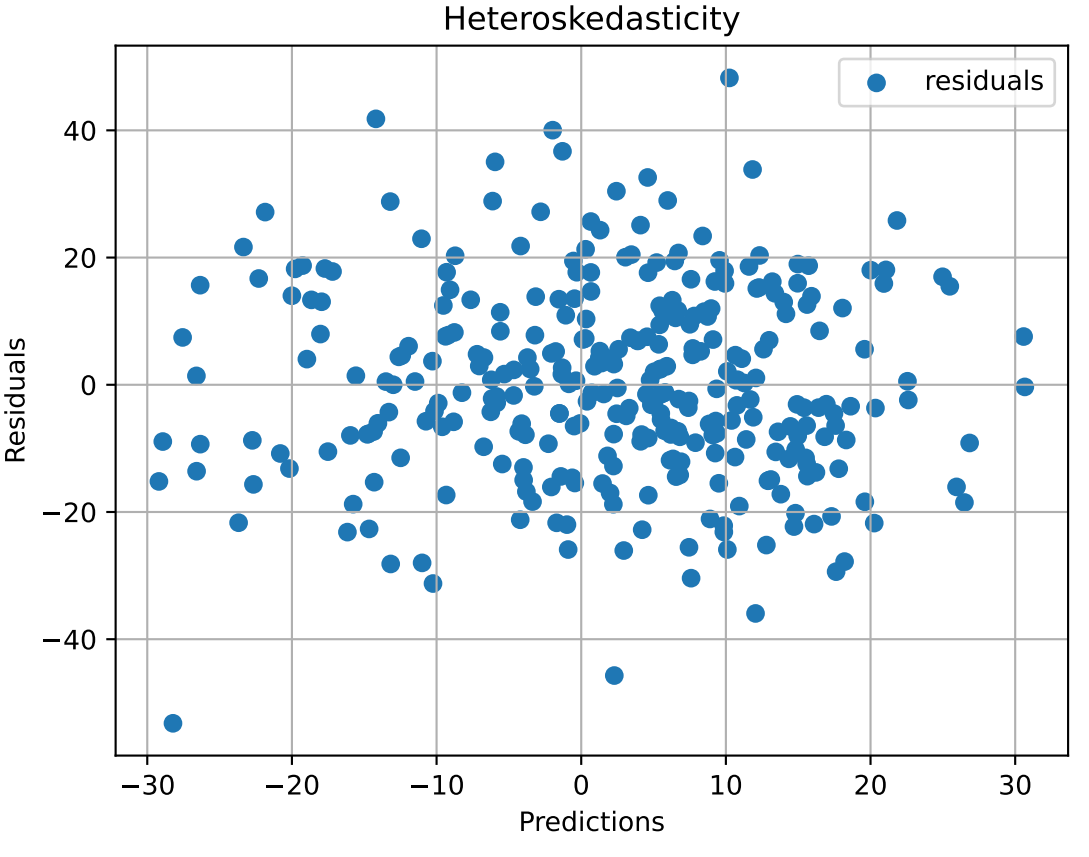
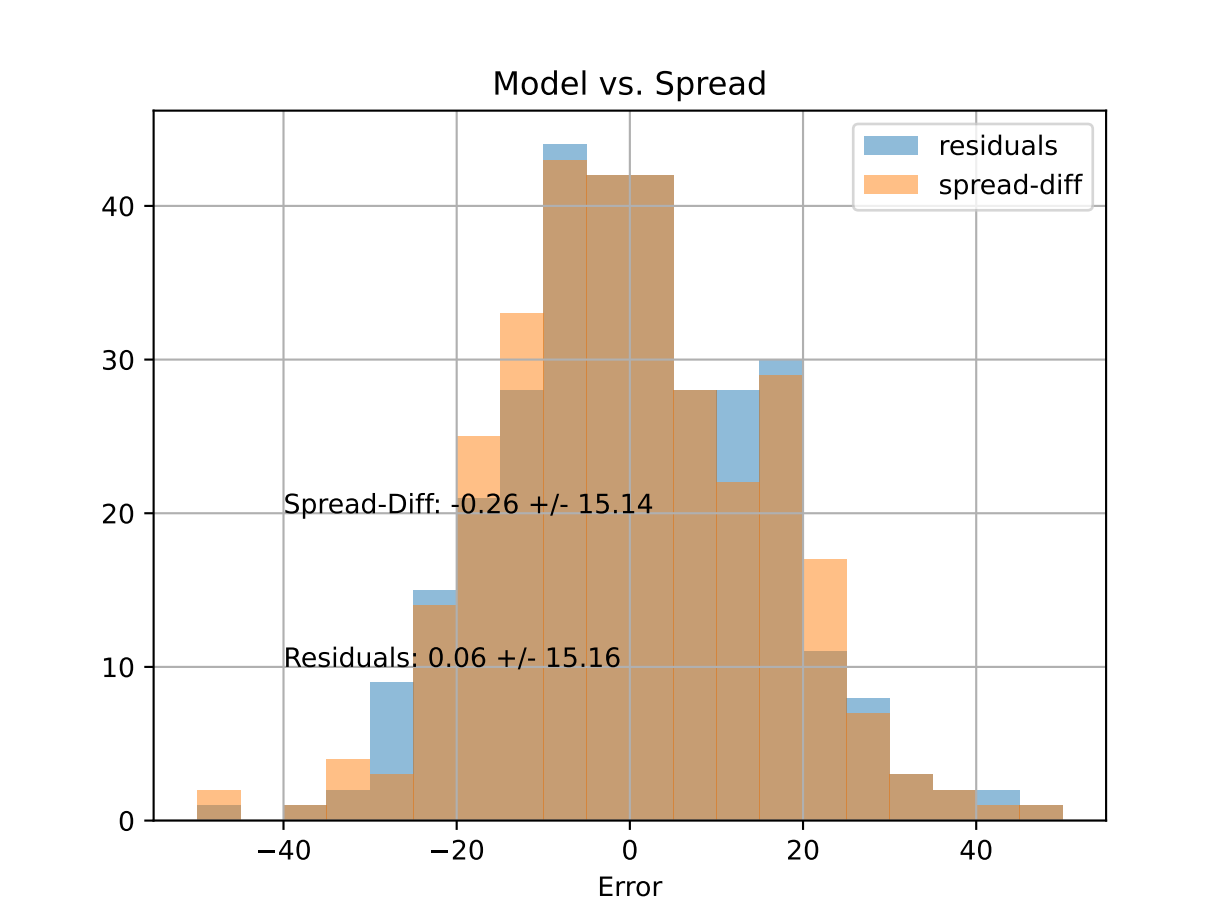
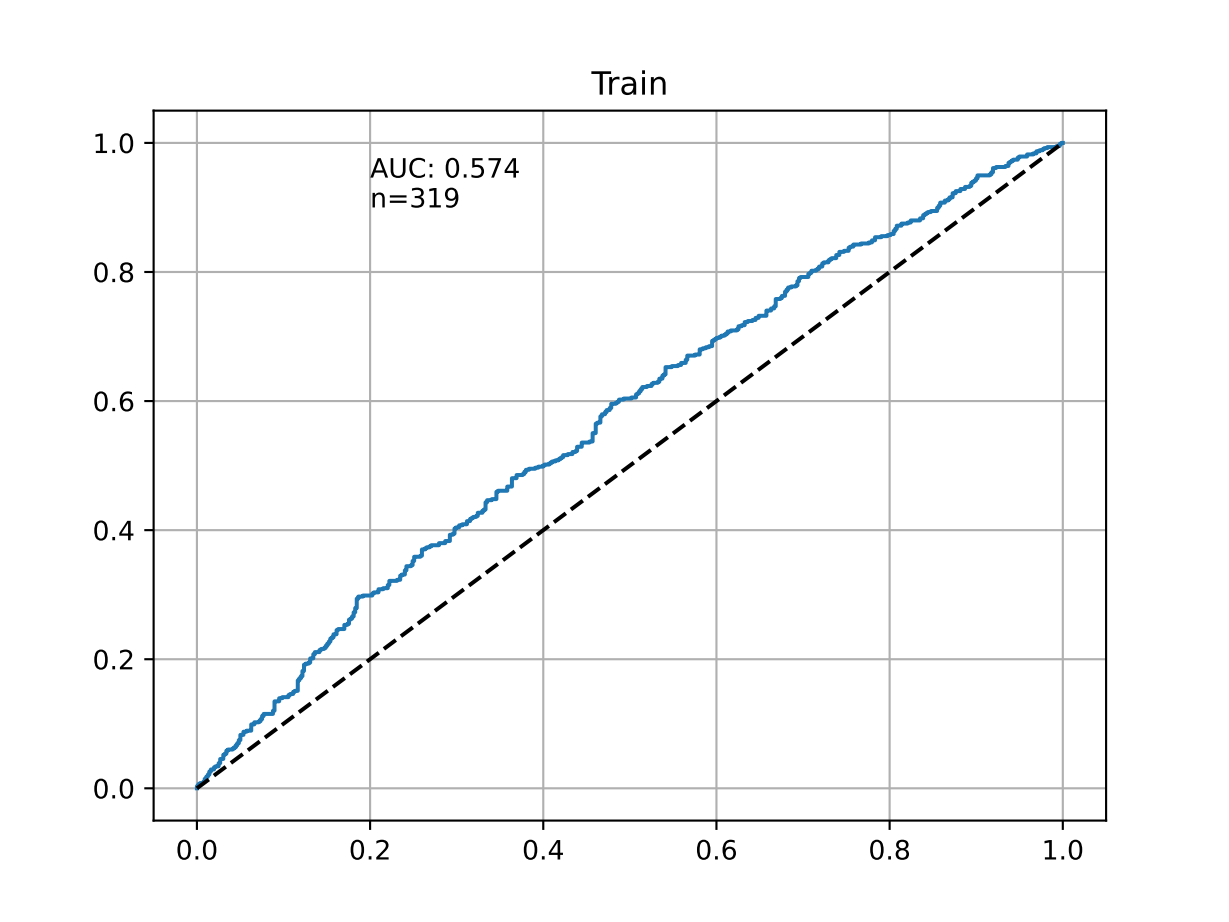

League: college_football, response: spread
Train N: 1174
Val N: 319

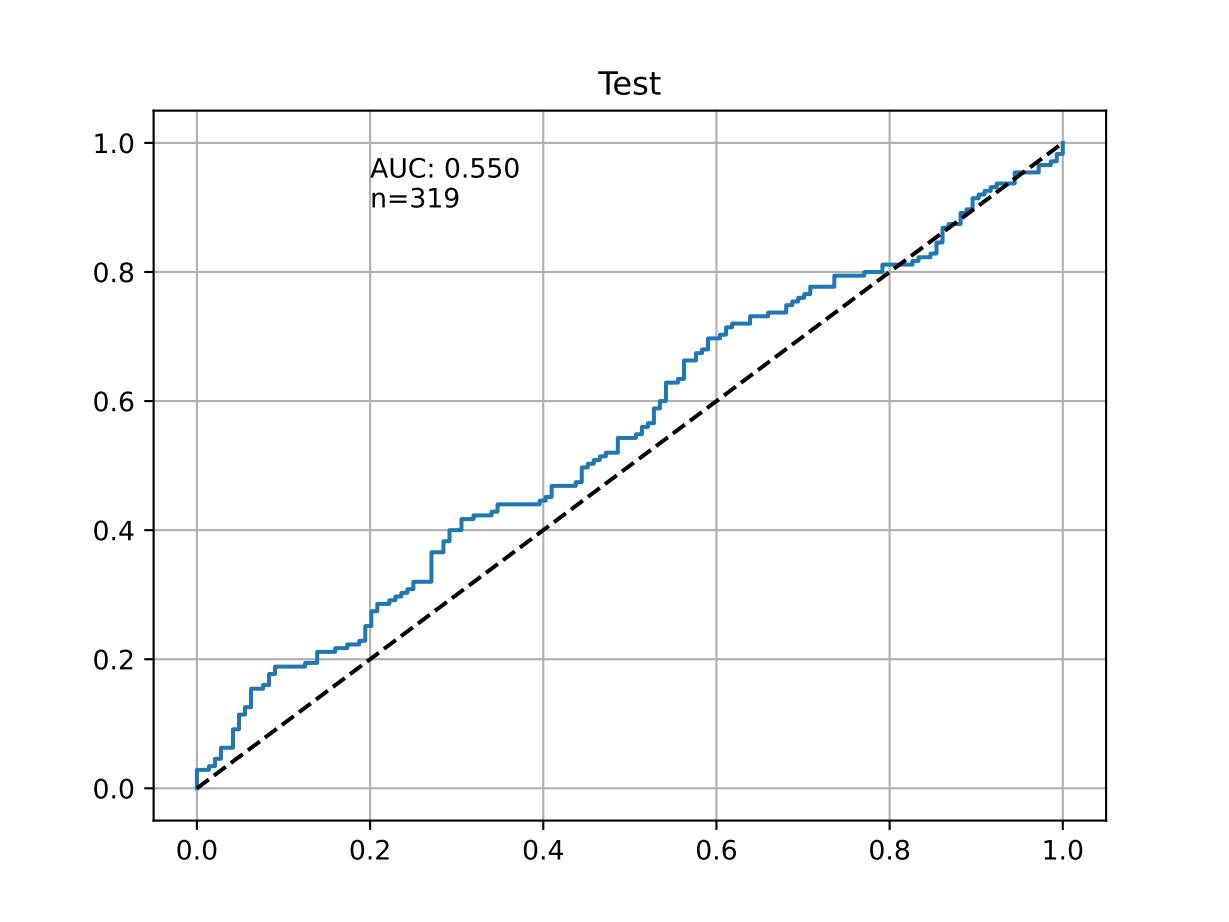

Preds Distribution
preds
Actuals
Actuals: 2.06 +/- 19.54
Preds: 2.12 +/- 11.99
60
50
40
30
20
10
0
−40
−20
0
20
40
spread

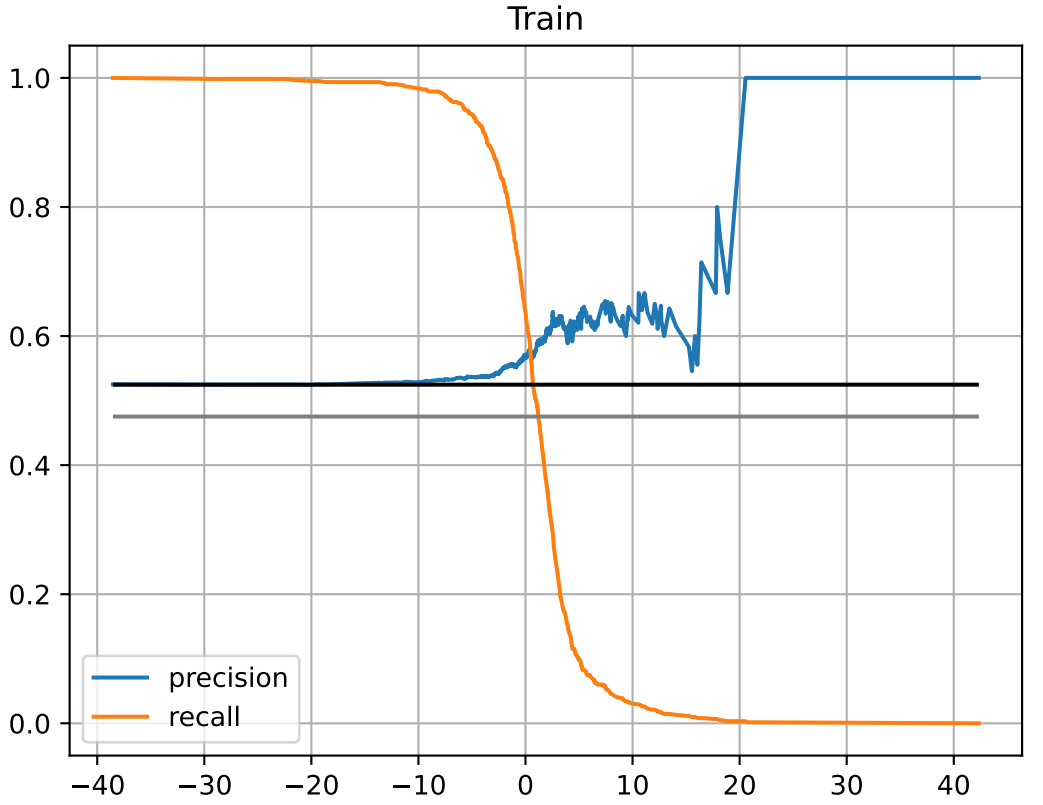

Residuals Distribution
Test
Train
Train: 0.36 +/- 15.67
Test: 0.06 +/- 15.16
0.025
0.020
0.015
0.010
0.005
0.000
−40
−20
0
20
40

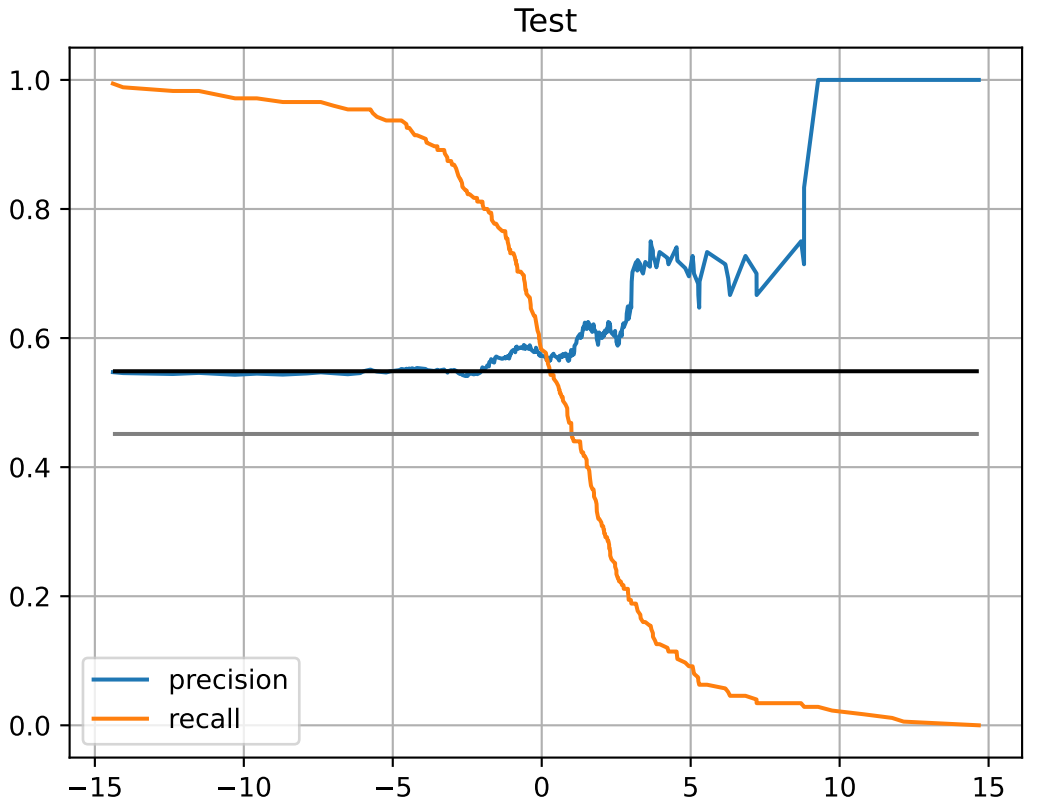

Heteroskedasticity
residuals
Residuals
Predictions
40
20
0
−20
−40
−30
−20
−10
0
10
20
30

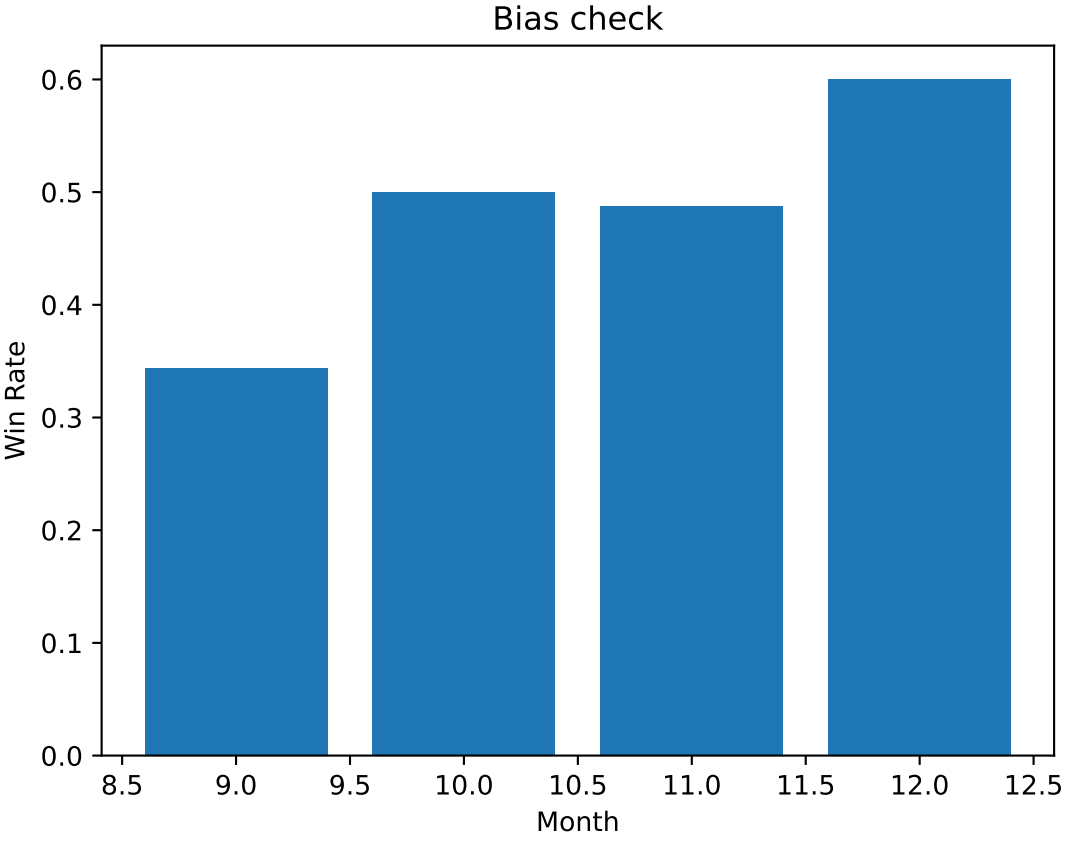

Model vs. Spread
residuals
spread-diff
Spread-Diff: -0.26 +/- 15.14
Residuals: 0.06 +/- 15.16
0
10
20
30
40
−40
−20
0
20
40
Error

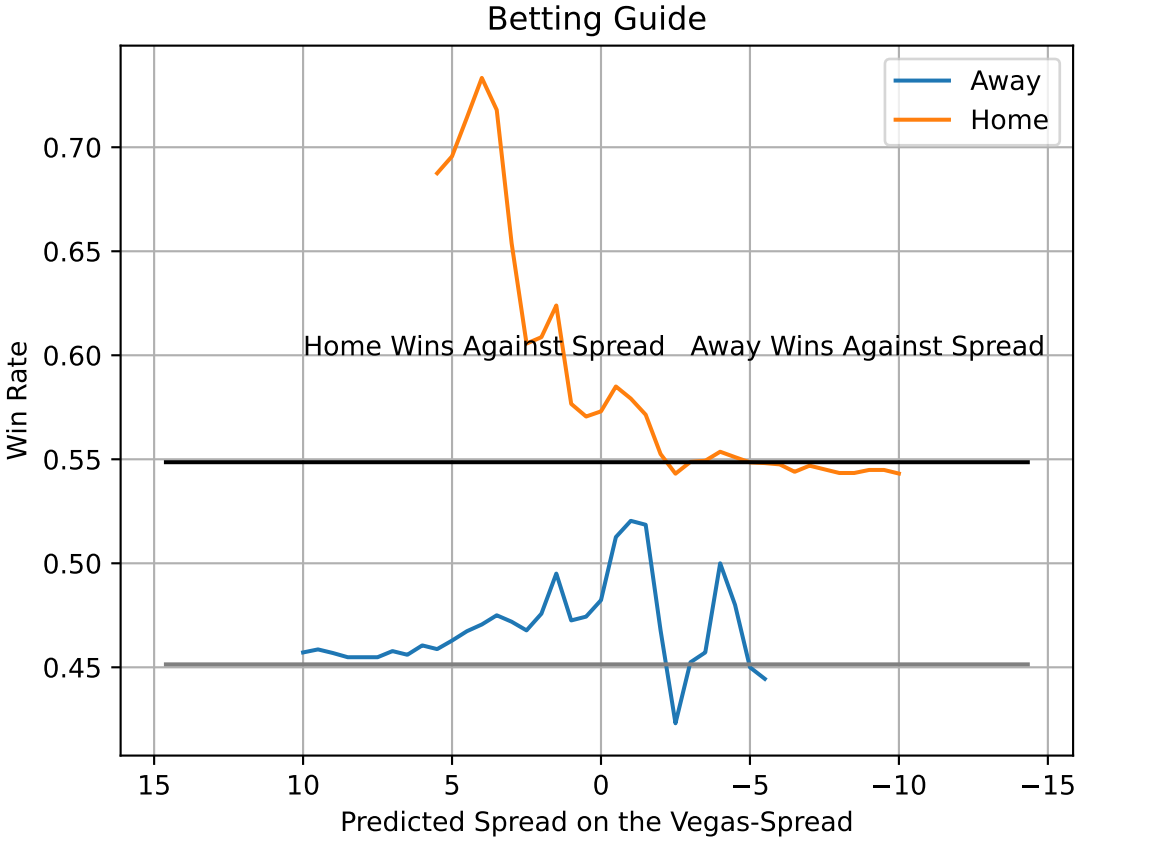

Train
AUC: 0.574
n=319
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0

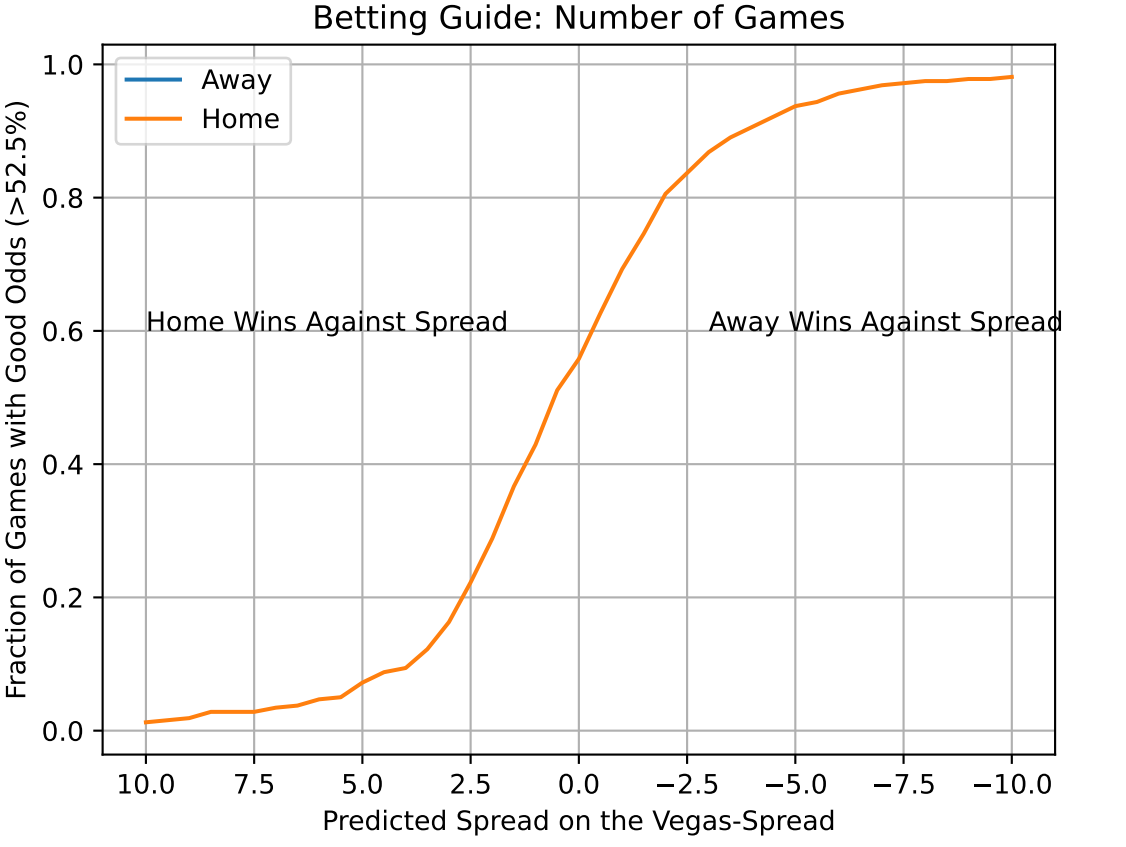

Test
AUC: 0.550
n=319
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0


Train
1.0
0.8
0.6
0.4
0.2
0.0
−40
−30
−20
−10
0
10
20
30
40
precision
recall


Test
1.0
0.8
0.6
0.4
0.2
0.0
−15
−10
−5
0
5
10
15
precision
recall


Bias check
Win Rate
0.0
0.1
0.2
0.3
0.4
0.5
0.6
8.5
9.0
9.5
10.0
10.5
11.0
11.5
12.0
12.5
Month


Betting Guide
Away
Home
Home Wins Against Spread
Away Wins Against Spread
Win Rate
0.70
0.65
0.60
0.55
0.50
0.45
15
10
5
0
−5
−10
−15
Predicted Spread on the Vegas-Spread


Betting Guide: Number of Games
Away
Home
Home Wins Against Spread
Away Wins Against Spread
Fraction of Games with Good Odds (>52.5%)
1.0
0.8
0.6
0.4
0.2
0.0
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
Predicted Spread on the Vegas-Spread