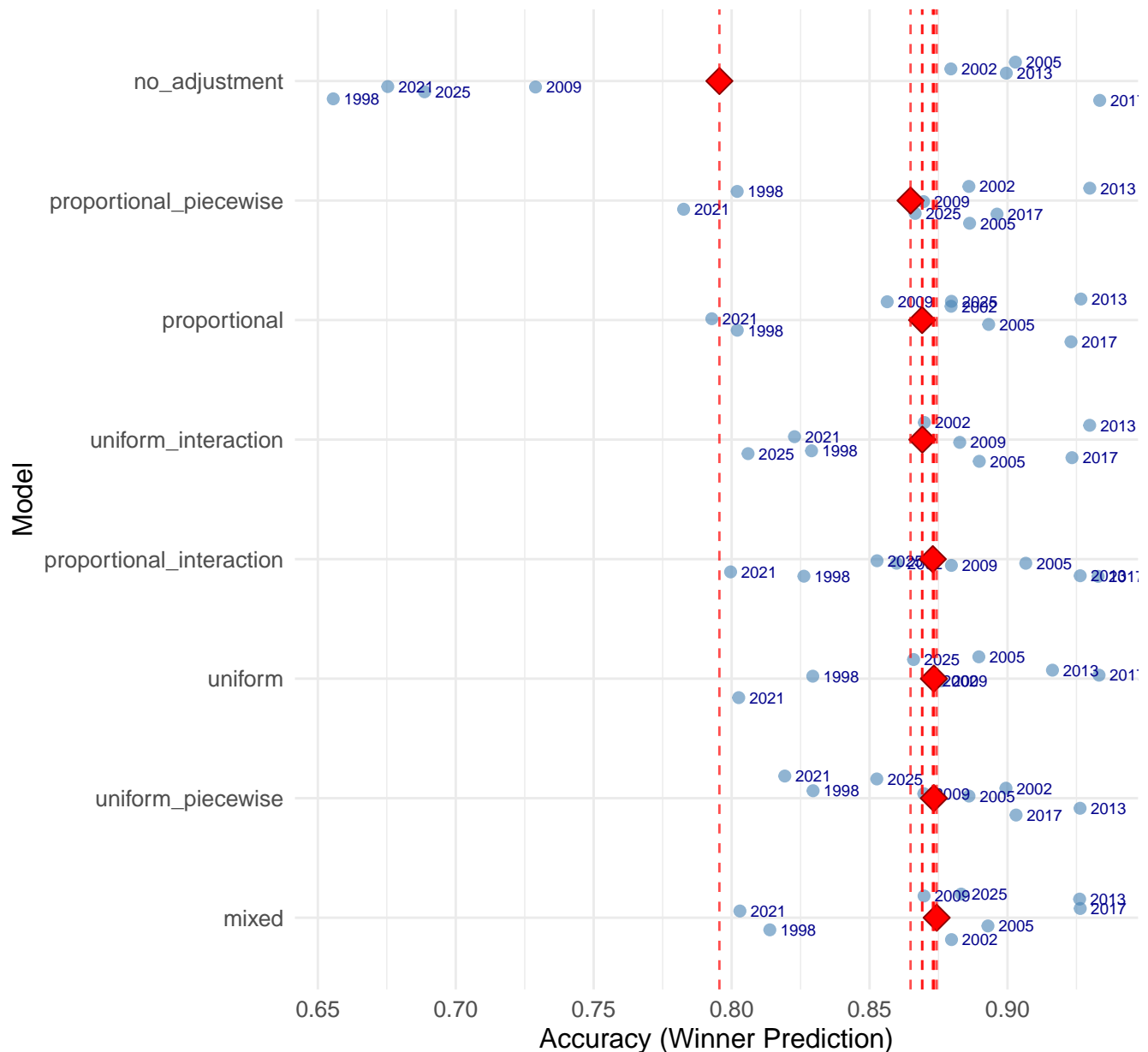


Out-of-sample Performance of Models

Individual elections (dots) and overall average (red diamonds)



Out-of-Bounds Predictions (0–100% range)

Individual elections (colored dots) and overall average (red diamonds)

Model

uniform
uniform_piecewise
mixed
uniform_interaction
proportional_piecewise
proportional
proportional_interaction
no_adjustment

0.0

Percentage of Out-of-Bounds Predictions (%)

2.5

5.0

7.5

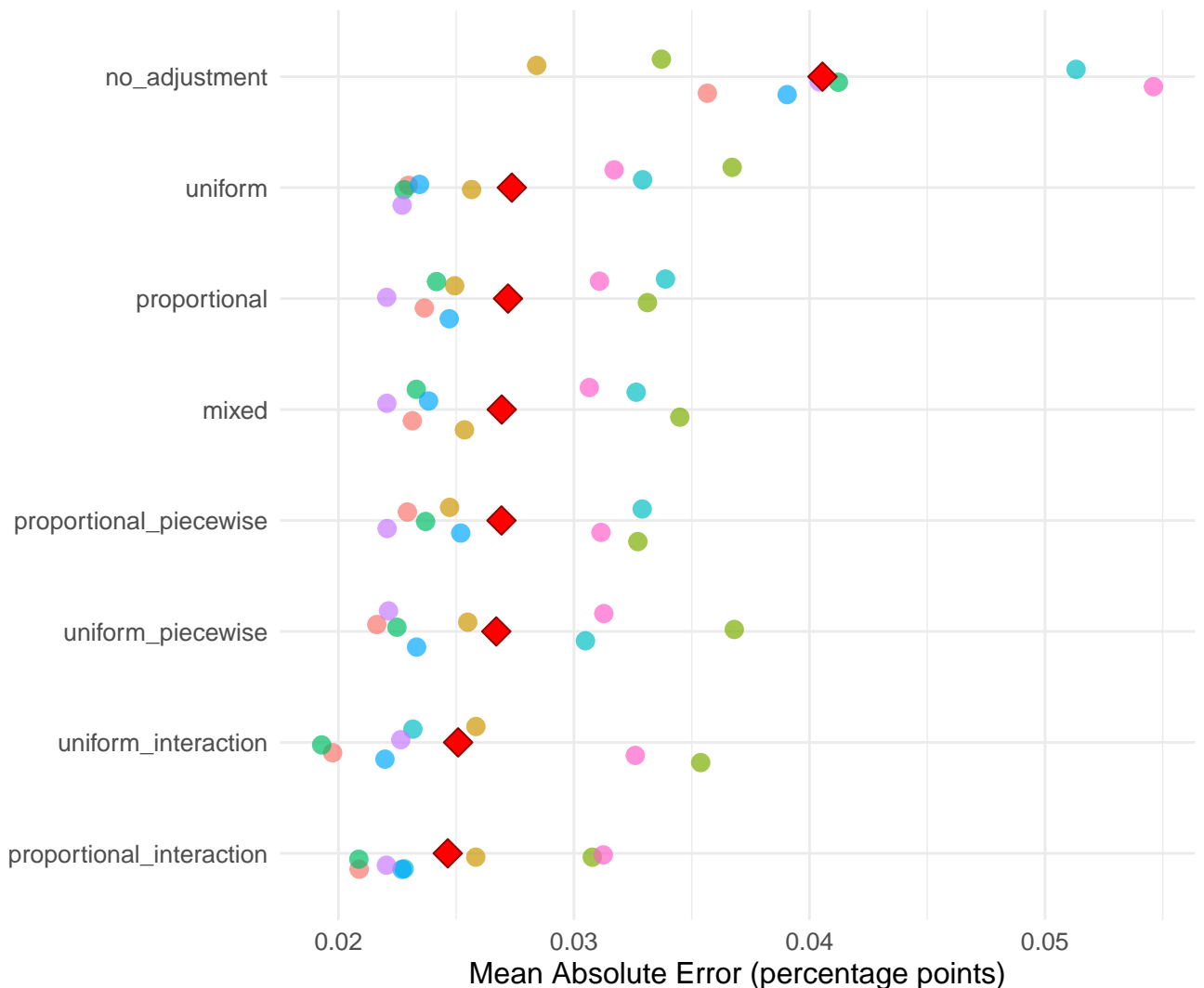
Election Year



Mean Absolute Error for All Observations

Individual elections (colored dots) and overall average (red diamonds)

Model

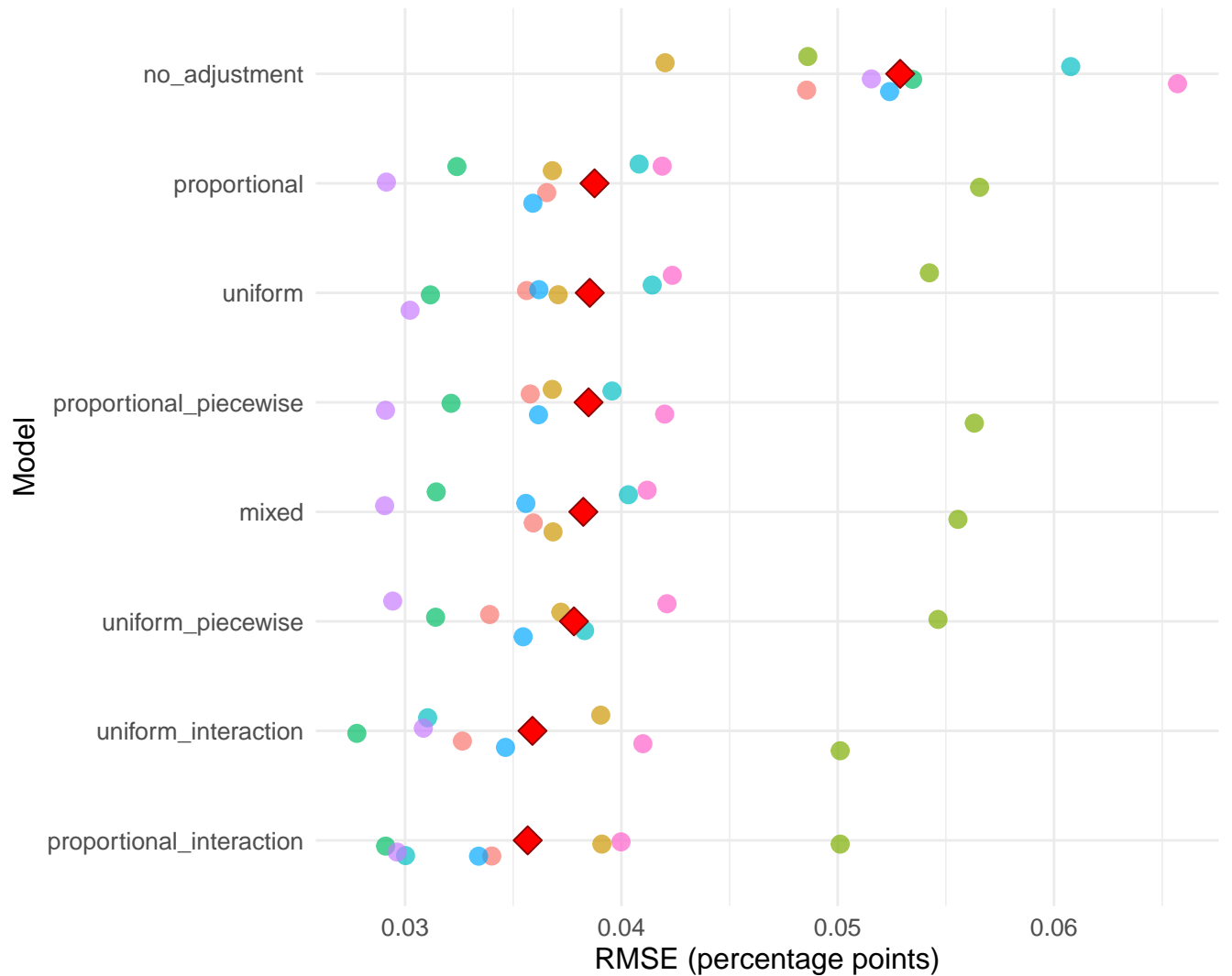


Election Year



Root Mean Square Error for All Observations

Individual elections (colored dots) and overall average (red diamonds)

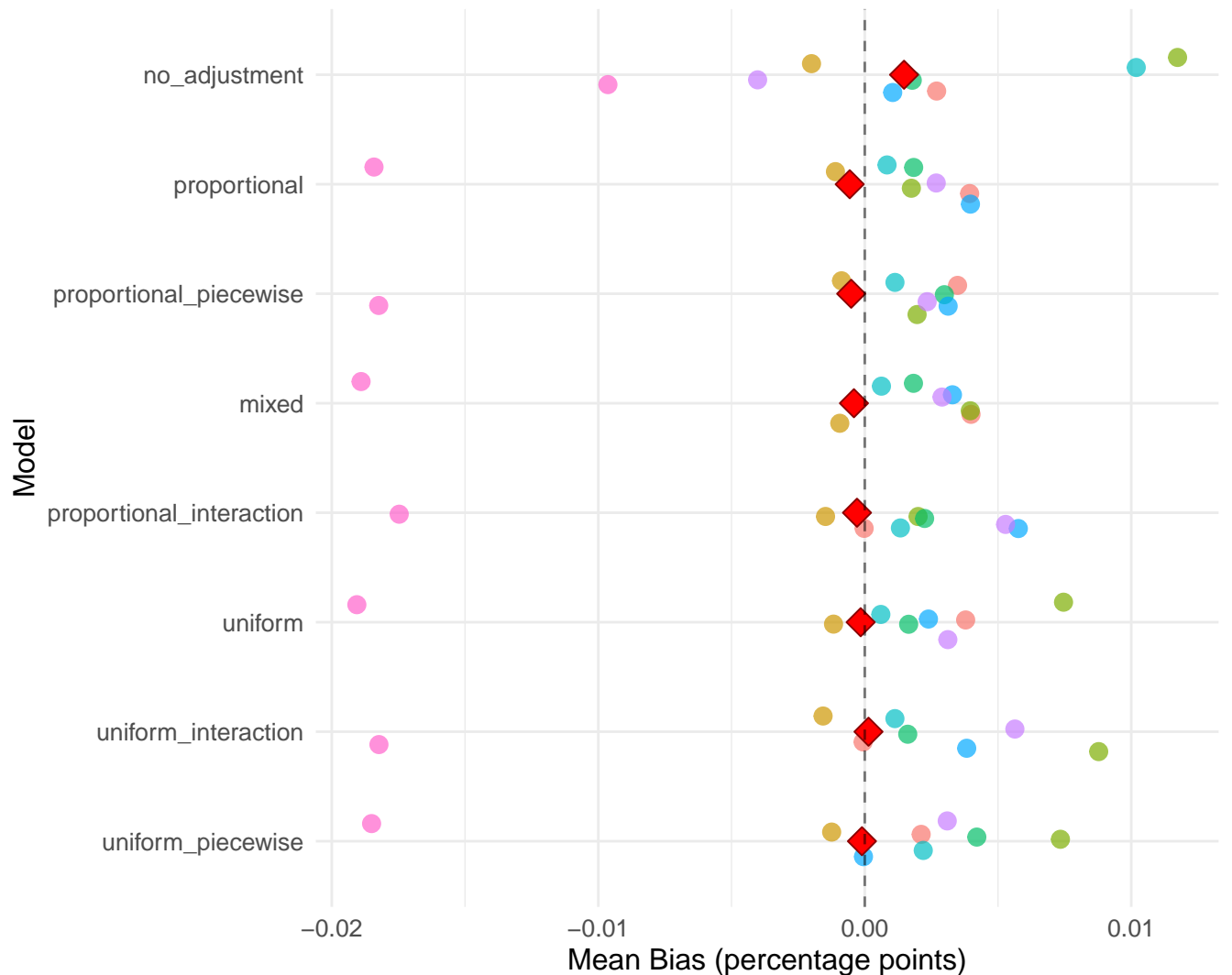


Election Year

1998	2005	2013	2021
2002	2009	2017	2025

Prediction Bias for All Observations

Individual elections (colored dots) and overall average (red diamonds)



Election Year

1998	2005	2013	2021
2002	2009	2017	2025

Comprehensive Model Performance Heatmap

Models sorted by descending accuracy

