

Random Forest

89 samples
46 predictors

Pre-processing: centered, scaled
Resampling: Cross-Validated (10 fold, repeated 10 times)

Summary of sample sizes: 80, 81, 81, 79, 80, 81, ...

Resampling results across tuning parameters:

mtry	RMSE	Rsquared	RMSE SD	Rsquared SD
2	4.567558	0.6206651	1.459252	0.2306653
12	3.680402	0.6809154	1.328285	0.2263007
23	3.818102	0.6561105	1.611499	0.2649013

RMSE was used to select the optimal model using the smallest value.
The final value used for the model was mtry = 12.