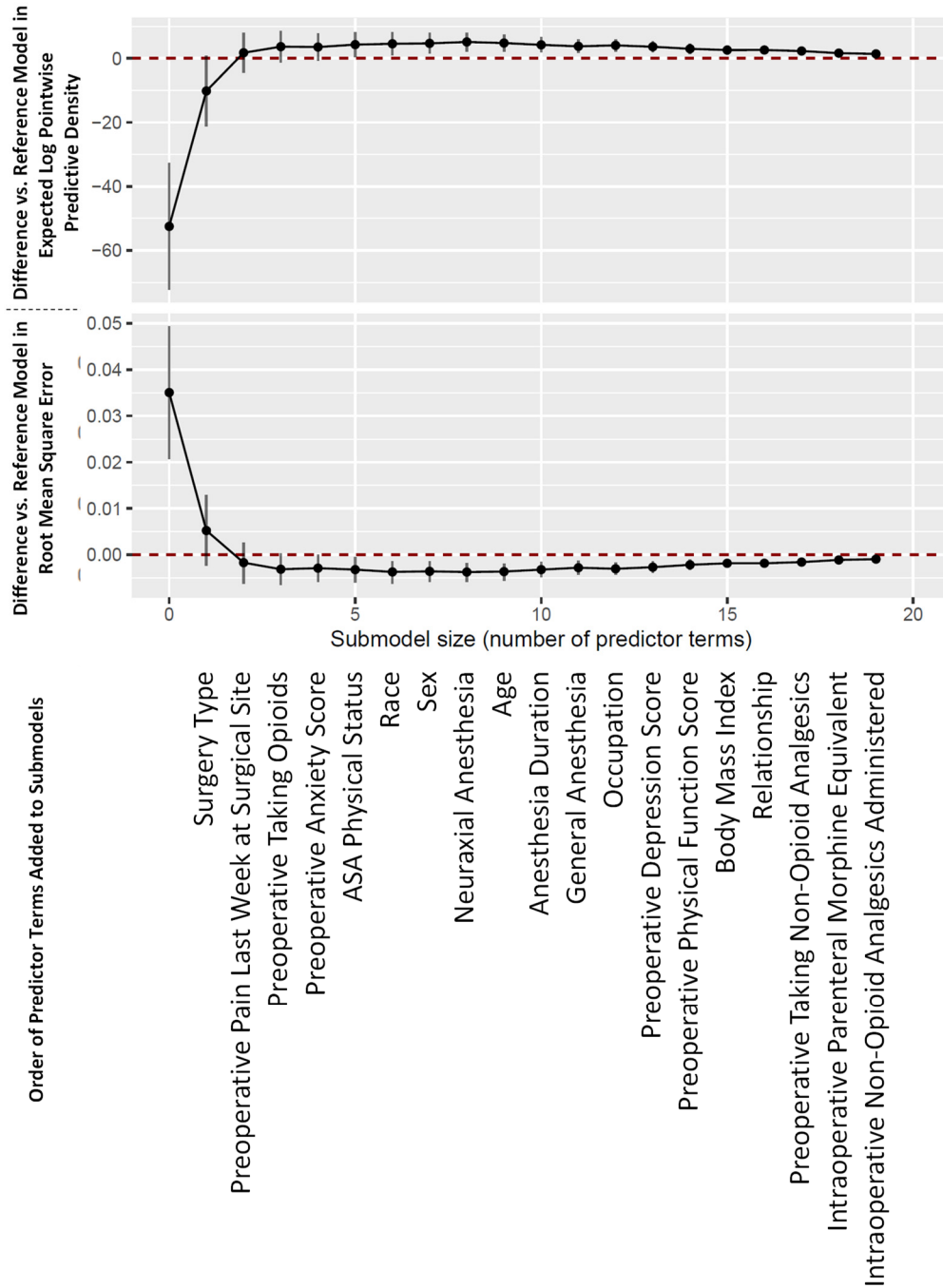


Supplement Digital Content 13: Projected Prediction Analysis for Surgical Site Pain at Three Months



Submodel performance for predicting surgical site pain at three months (displayed as difference to reference model), as progressively more predictor variables are included in the submodel. The order of predictor variables included is chosen to maximize the successive model performance improvement from one submodel to the next. The reference model is a model with all predictor variables included.

Including surgery type into the submodel yields the largest model prediction performance improvement. Additionally including preoperative surgical site pain into the model provides some incremental

performance improvement. But including any additional predictor variables beyond those two changes model performance only very little if at all.