

None

## Performance of the machine learning models

Summary metric

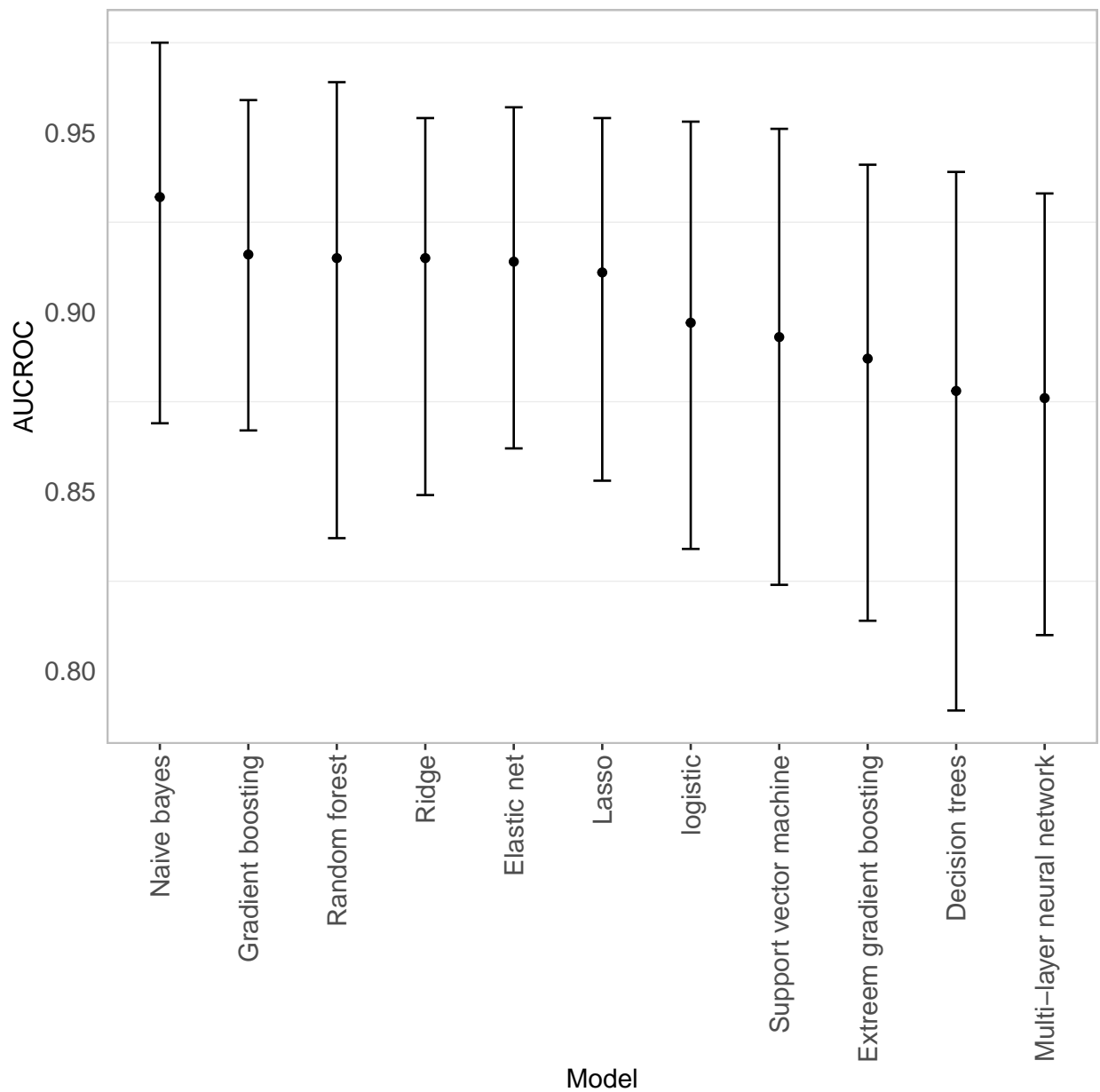


Figure 1: A comparison of model performance metrics (y-axis). The scores are based on 200 bootstrapped re-samples of the test data. Models with higher scores and narrower confidence intervals are better performers.

## ROC

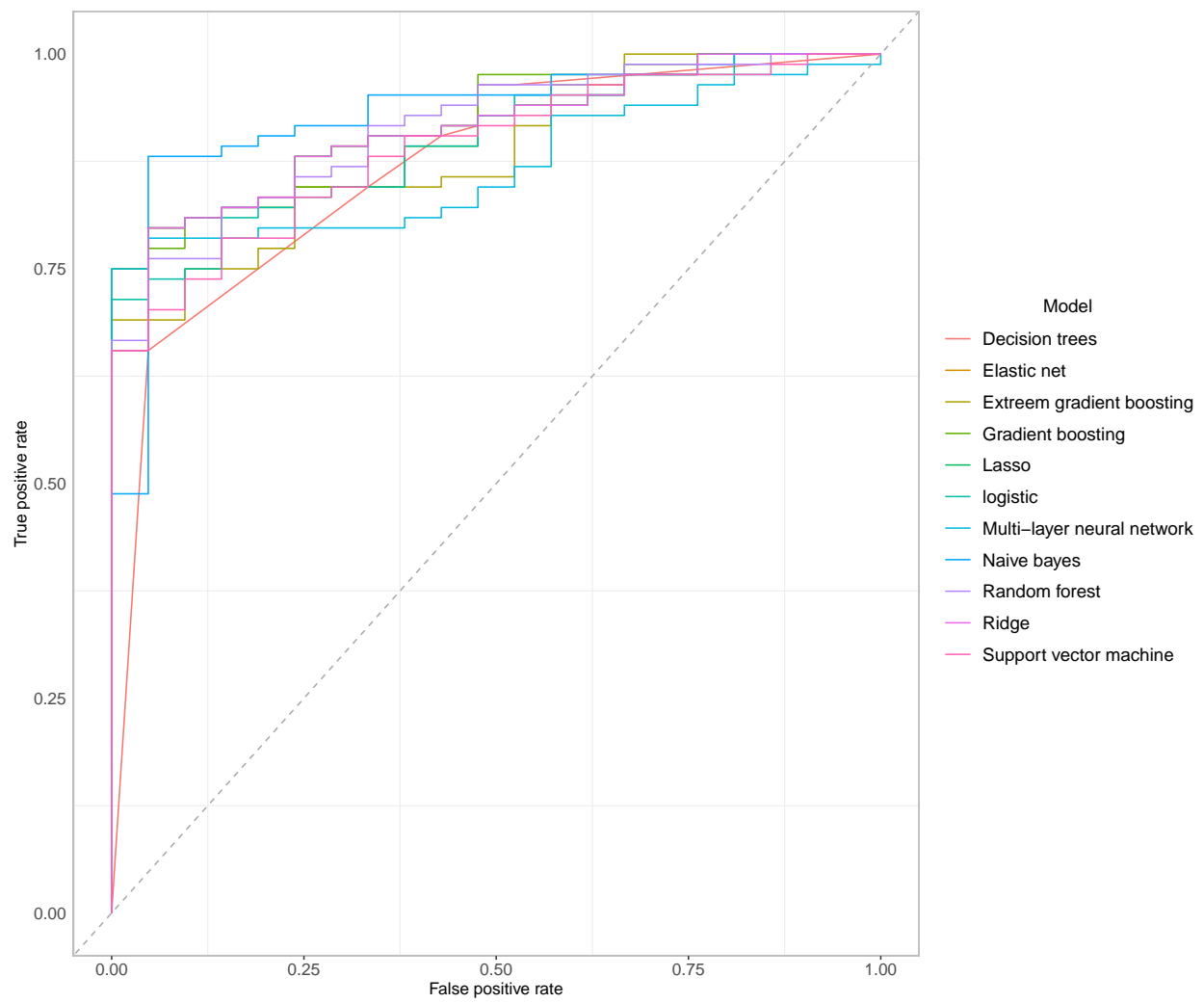


Figure 2: A comparison of model performance based on ROC.

## Variable importance plot

Based on top 2 models

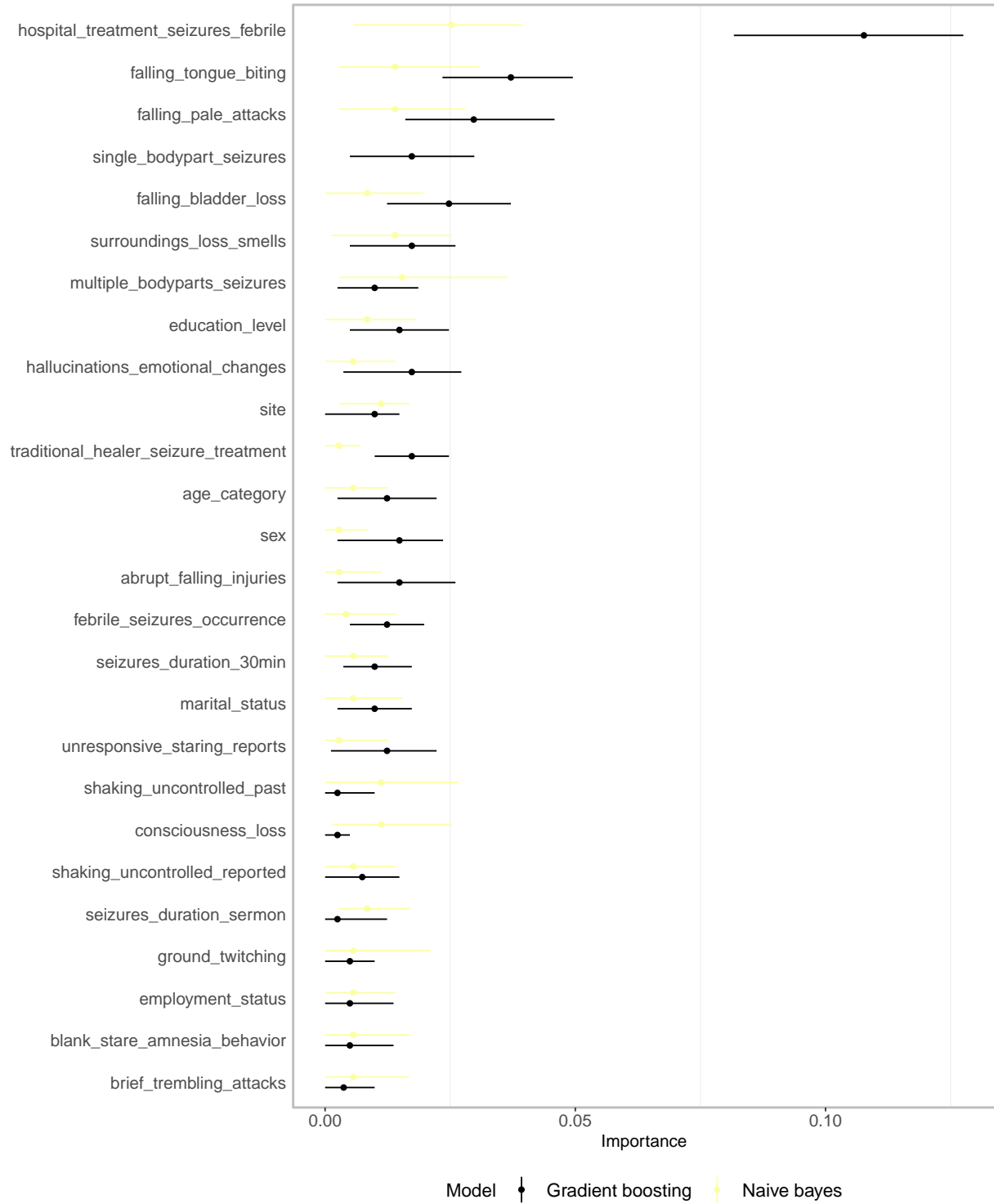


Figure 3: Variable importance scores together with the corresponding 2.5%, 50% and 97.5% quantiles, based on the top 2 models.

Ranked features among all models



Figure 4: The number of times, frequency, a given feature is ranked, on top 5, by a particular model in a given cohort as one of the most important feature. Low rank means a particular feature is predictive and hence important.