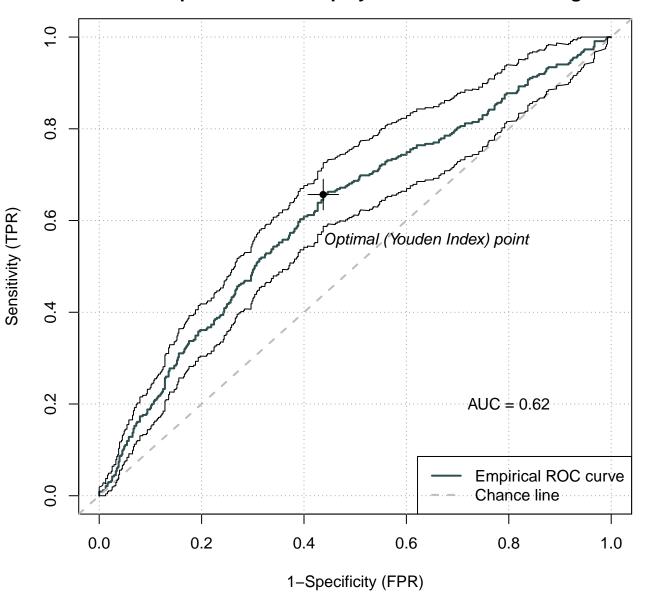
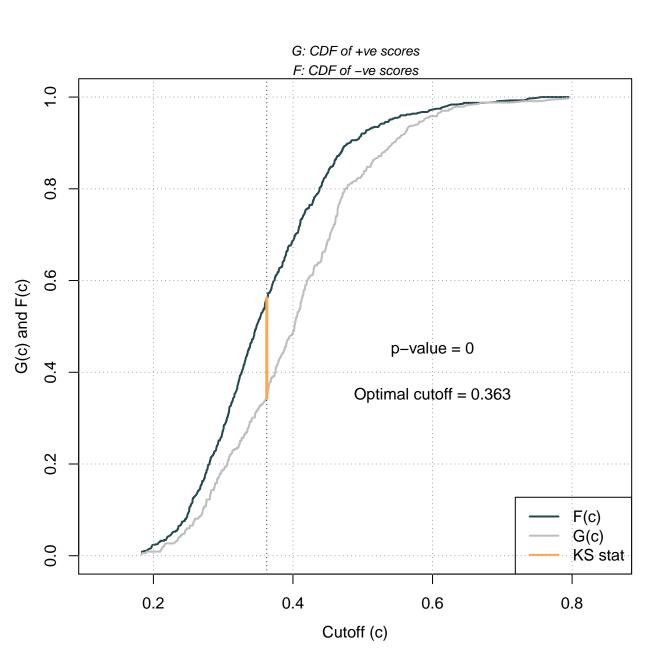
Logistic Regression ROC on Model: Party Change within 4 Years ~ Participation % + Unemployment % + GDP % Change





Logistic Regression Scores by +/- Distributions **Logit Optimal Cutoff** 200 -150 **-**Party Change within 4 Years Negative Positive 100 -50 -

0.6

0.8

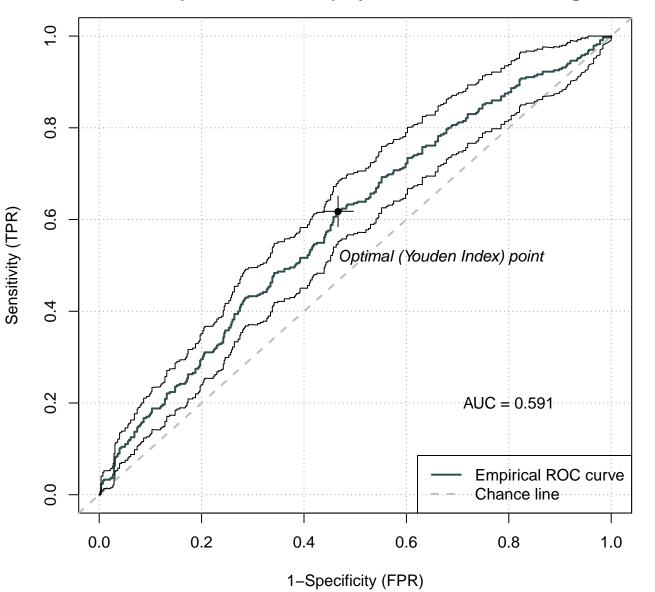
0 -

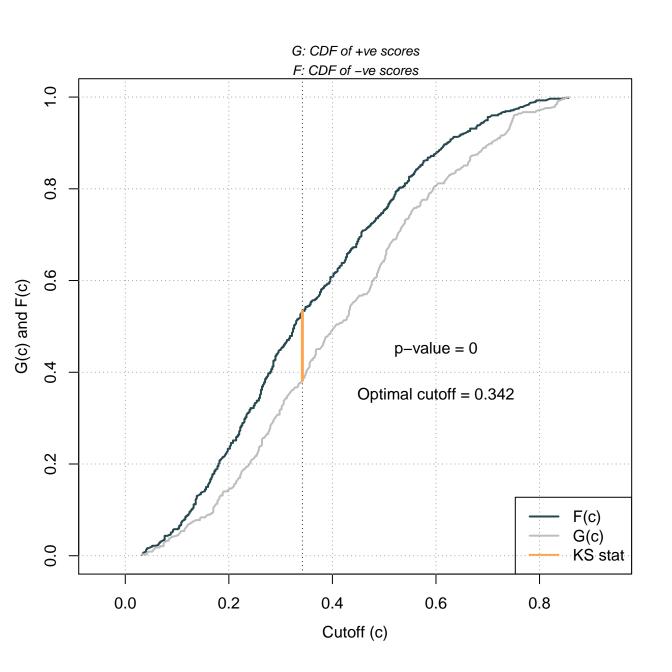
0.2

0.4

Logistic Regression Score

Random Forest ROC on Model: Party Change within 4 Years ~ Participation % + Unemployment % + GDP % Change





Random Forest Score by +/- Distributions RF Optimal Cutoff 100 -Party Change within 4 Years Negative Positive 50 -0 -0.25 0.50 0.75 0.00 Random Forest Score