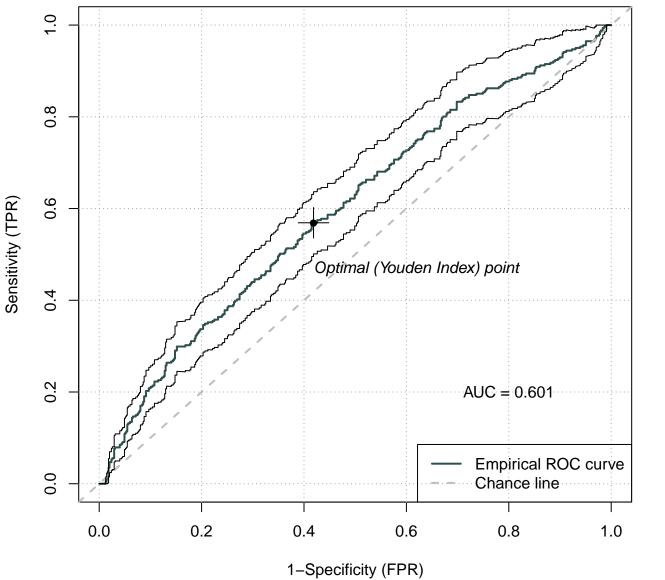
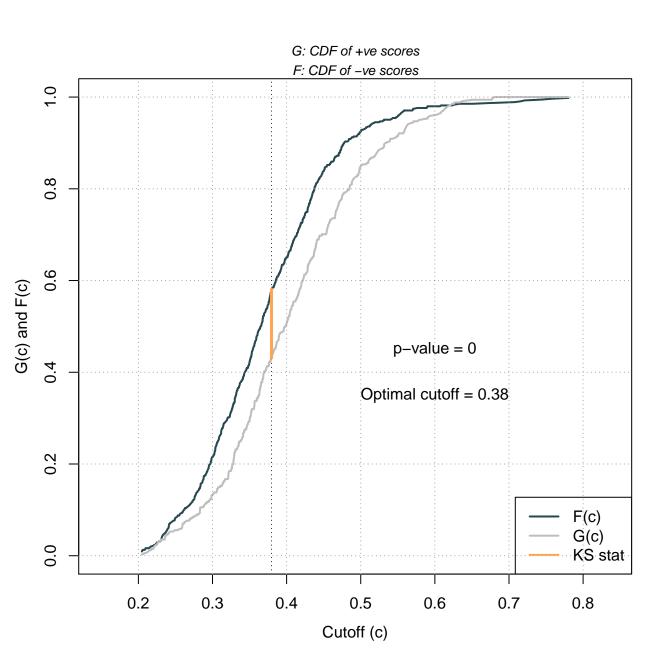
Logistic Regression ROC on Model: Party Change within 4 Years ~ Participation % + Unemployment % + GDP % Change + Moving Avg Diffs

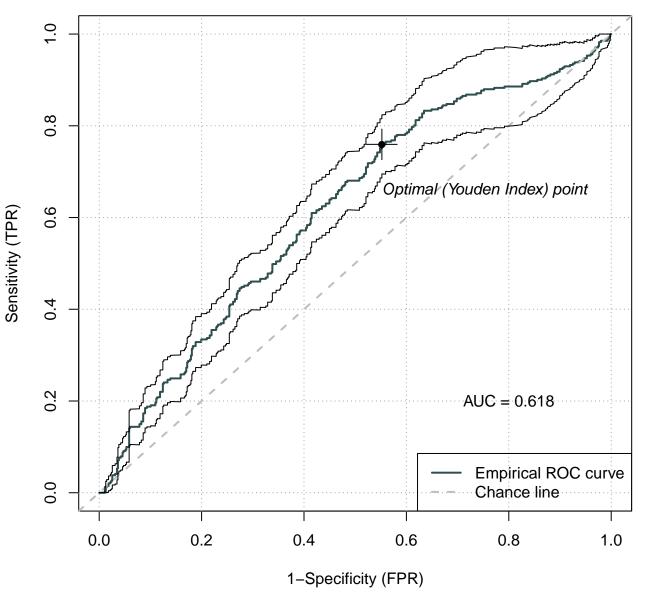


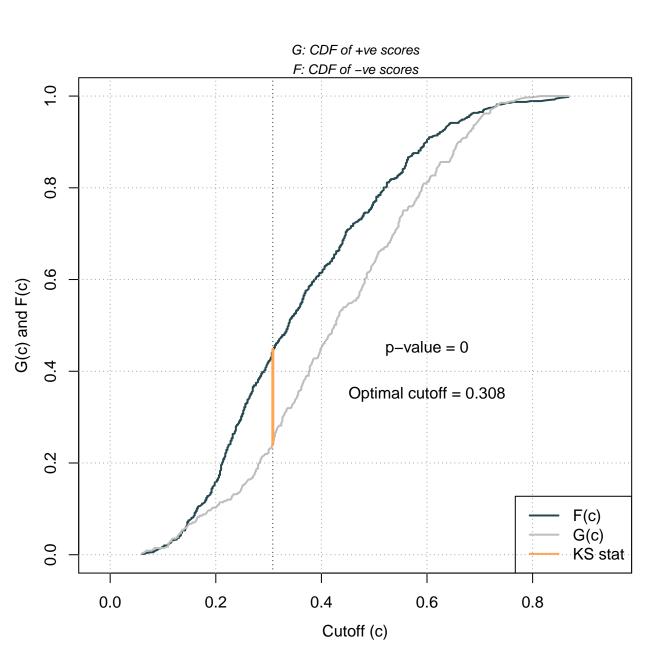


Logistic Regression Scores by +/- Distributions Logit Optimal Cutoff 200 -150 **-**Party Change within 4 Years Negative Positive 100 -50 -0 -0.2 0.4 0.8 0.6

Logistic Regression Score

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





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