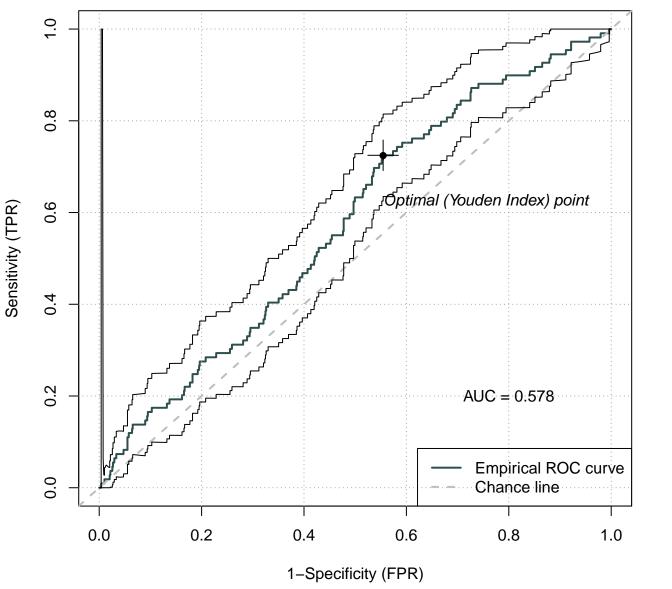
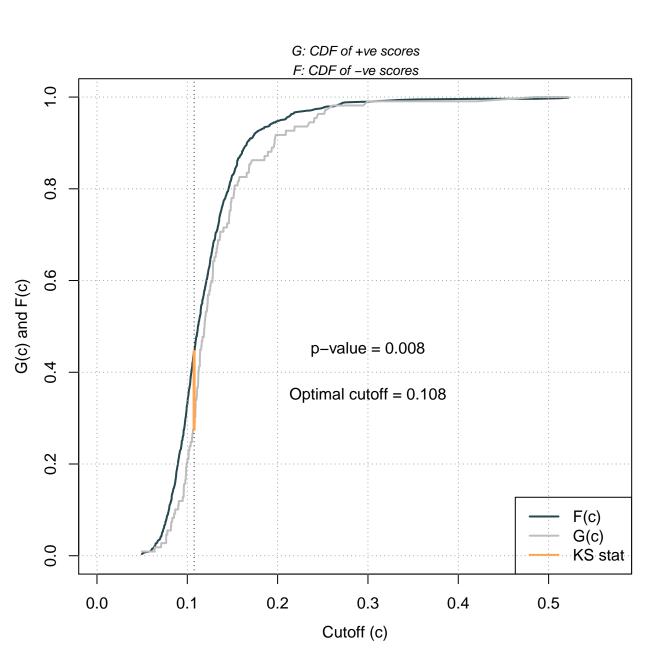
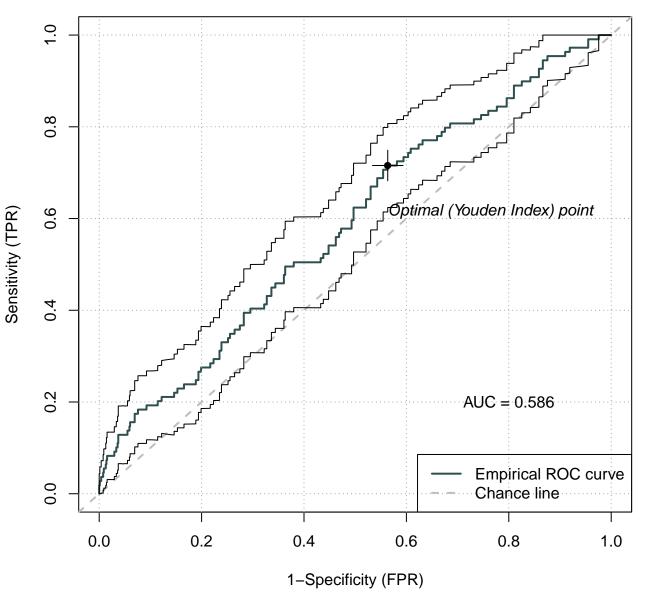
Logistic Regression ROC on Model: Party Change next year ~ Participation % + Unemployment % + GDP % Change + Moving Avg Diffs

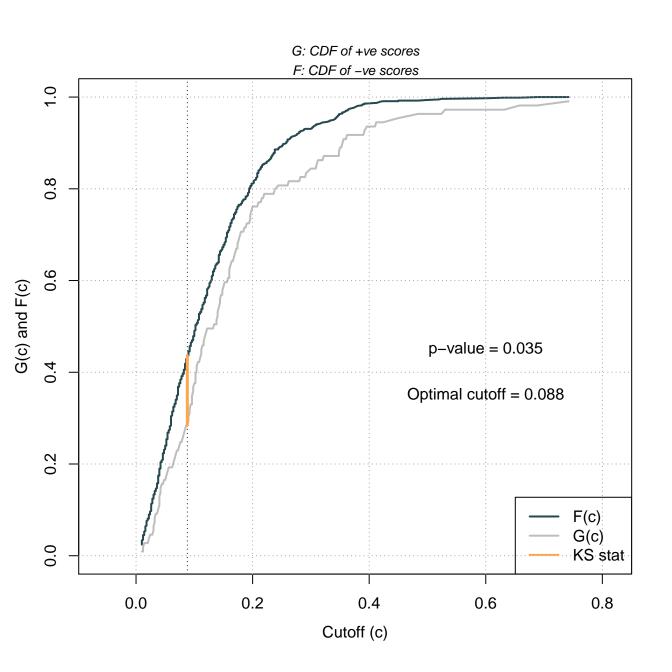




Logistic Regression Scores by +/- Distributions **Logit Optimal Cutoff** 200 -150 **-**Party Change next year Negative Positive 100 -50 -0 -0.1 0.2 0.3 0.4 0.5 Logistic Regression Score

Random Forest ROC on Model: Party Change Next Year ~
Participation% + Unemployment% + GDP %Change + Moving Avg Diffs





Random Forest Score by +/- Distributions RF Optimal Cutoff 100 -Party Change wnext year Negative Positive 50 -0 -0.0 0.2 0.6 0.4 Random Forest Score