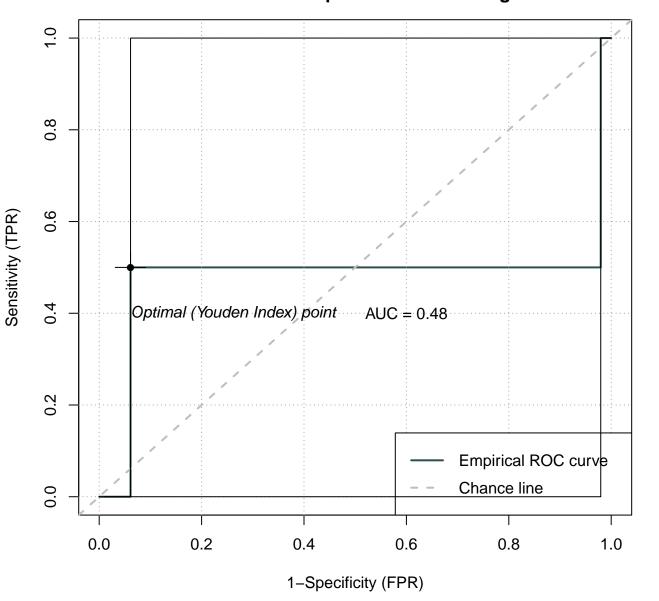
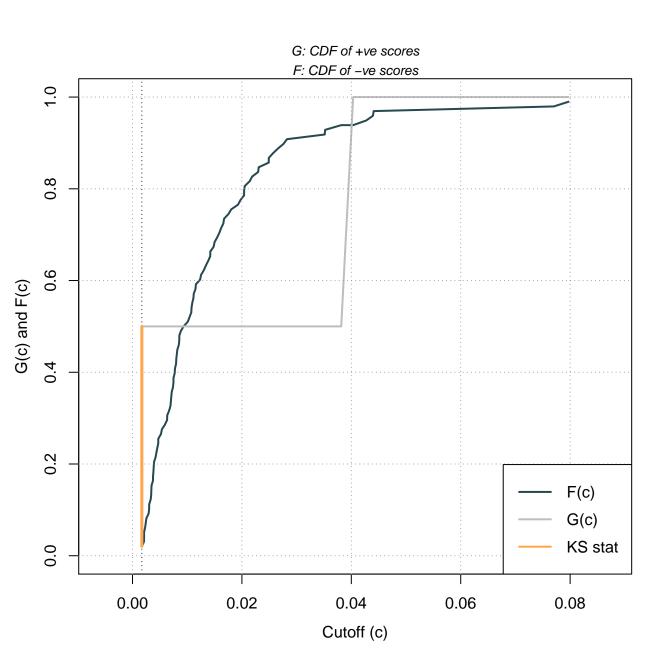
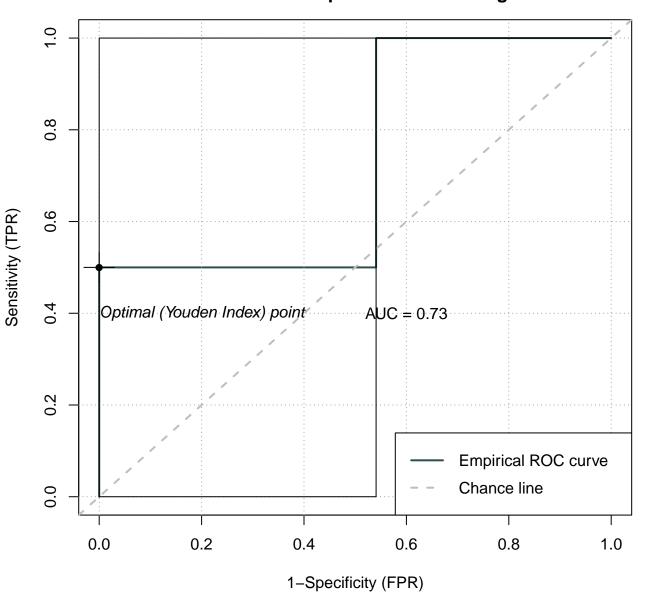
## Logistic Regression ROC on Model: Party Change next year ~ Part % + Unemp. % + GDP % Change

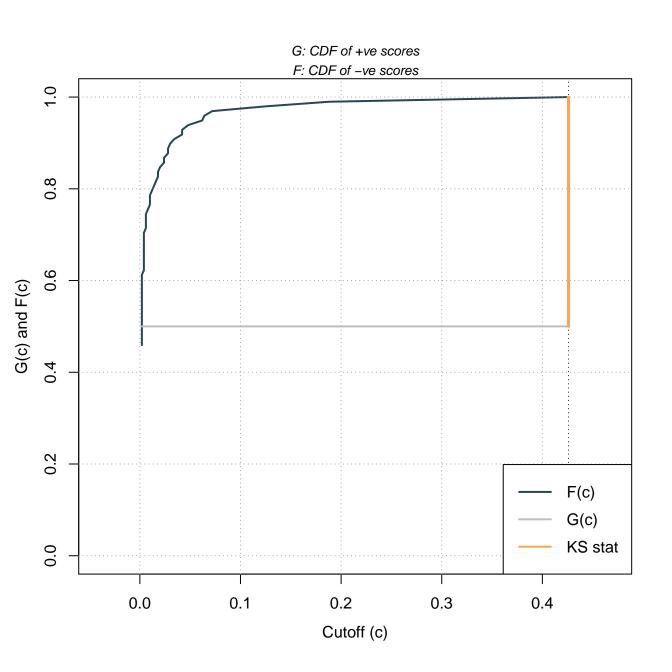




Logistic Regression Scores by +/- Distributions **Logit Optimal** ( 200 -150 -Party Change next year Negative Positive 100 -50 -0 -0.025 0.075 0.050 0.100 0.000 Logistic Regression Score

## Random Forest ROC on Model: Party Change next year ~ Part % + Unemp % + GDP % Change





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