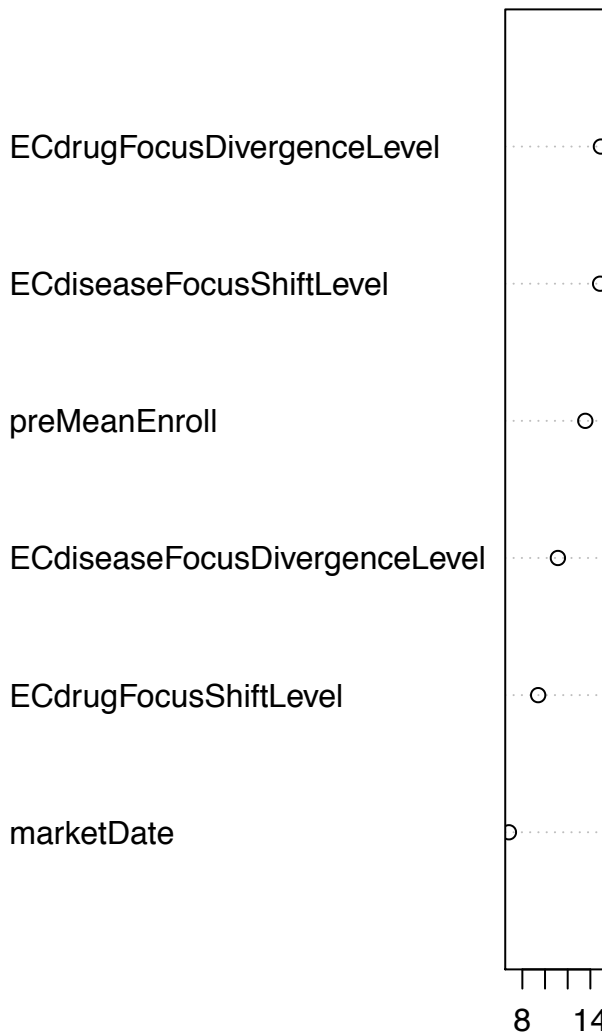


rf.fit



ECdrugFocusDivergenceLevel

ECdiseaseFocusShiftLevel

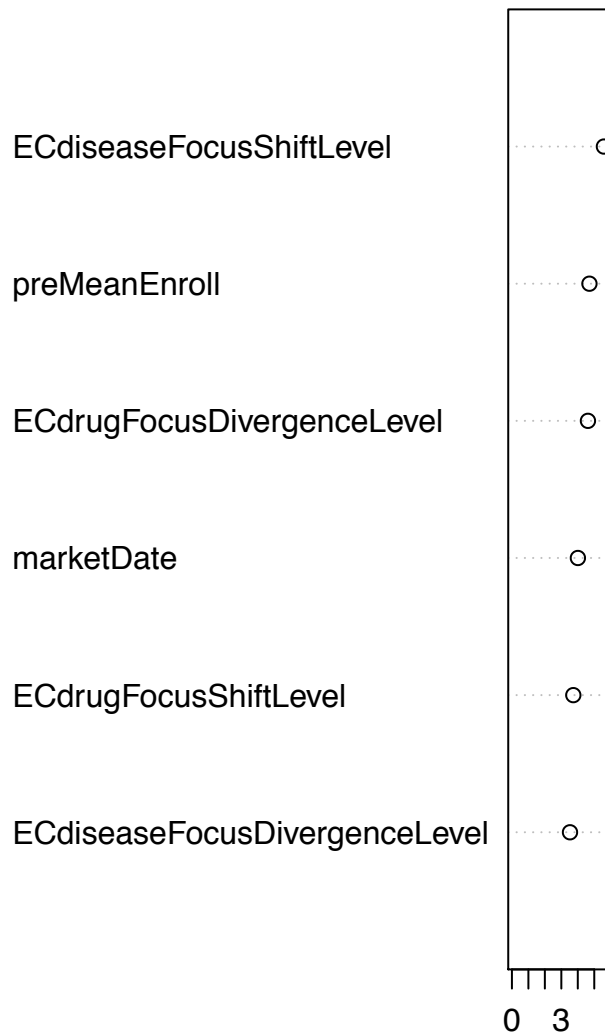
preMeanEnroll

ECdiseaseFocusDivergenceLevel

ECdrugFocusShiftLevel

marketDate

MeanDecreaseAcc



ECdiseaseFocusShiftLevel

preMeanEnroll

ECdrugFocusDivergenceLevel

marketDate

ECdrugFocusShiftLevel

ECdiseaseFocusDivergenceLevel

MeanDecreaseO

	MeanDecreaseAccuracy	MeanDecreaseGini
marketDate	6.81474703575876	4.00548740947611
preMeanEnroll	13.5529901223481	4.70757058235962
ECdiseaseFocusDivergenceLevel	11.1366611874991	3.52695935756552
ECdiseaseFocusShiftLevel	14.8602156045556	5.5861732513963
ECdrugFocusDivergenceLevel	14.9311033009671	4.6159203024758
ECdrugFocusShiftLevel	9.39630970753612	3.72833027319727

a

Variable Importance for Random Forest

Variable Importance (Mean Decrease in Gini Index)

0

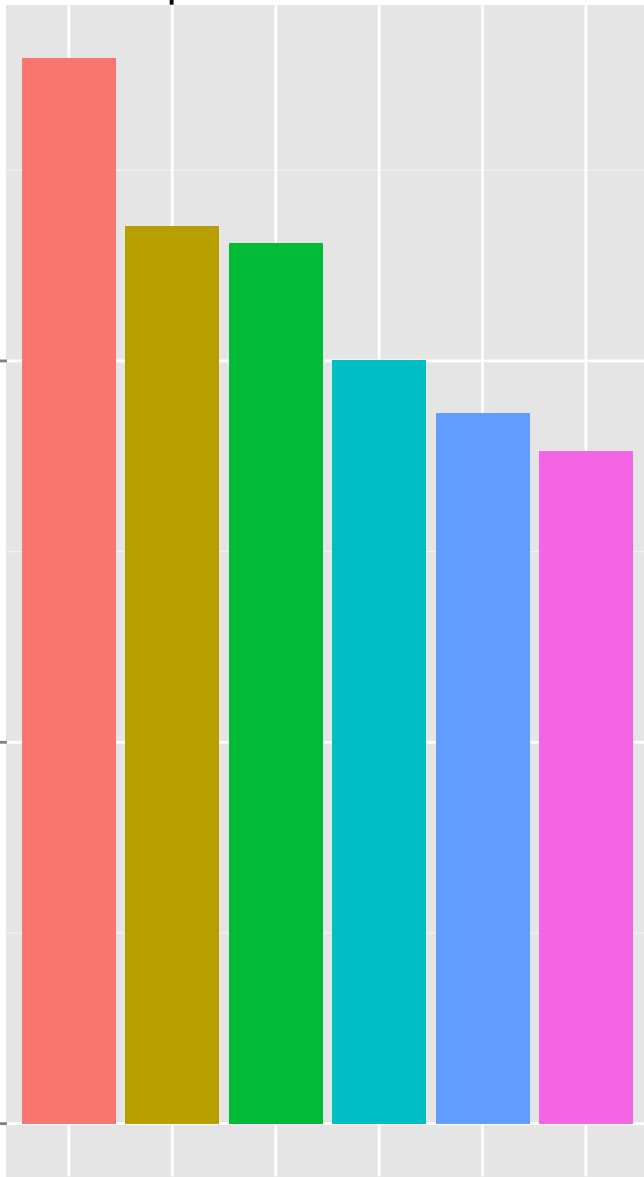
2

4

Variables

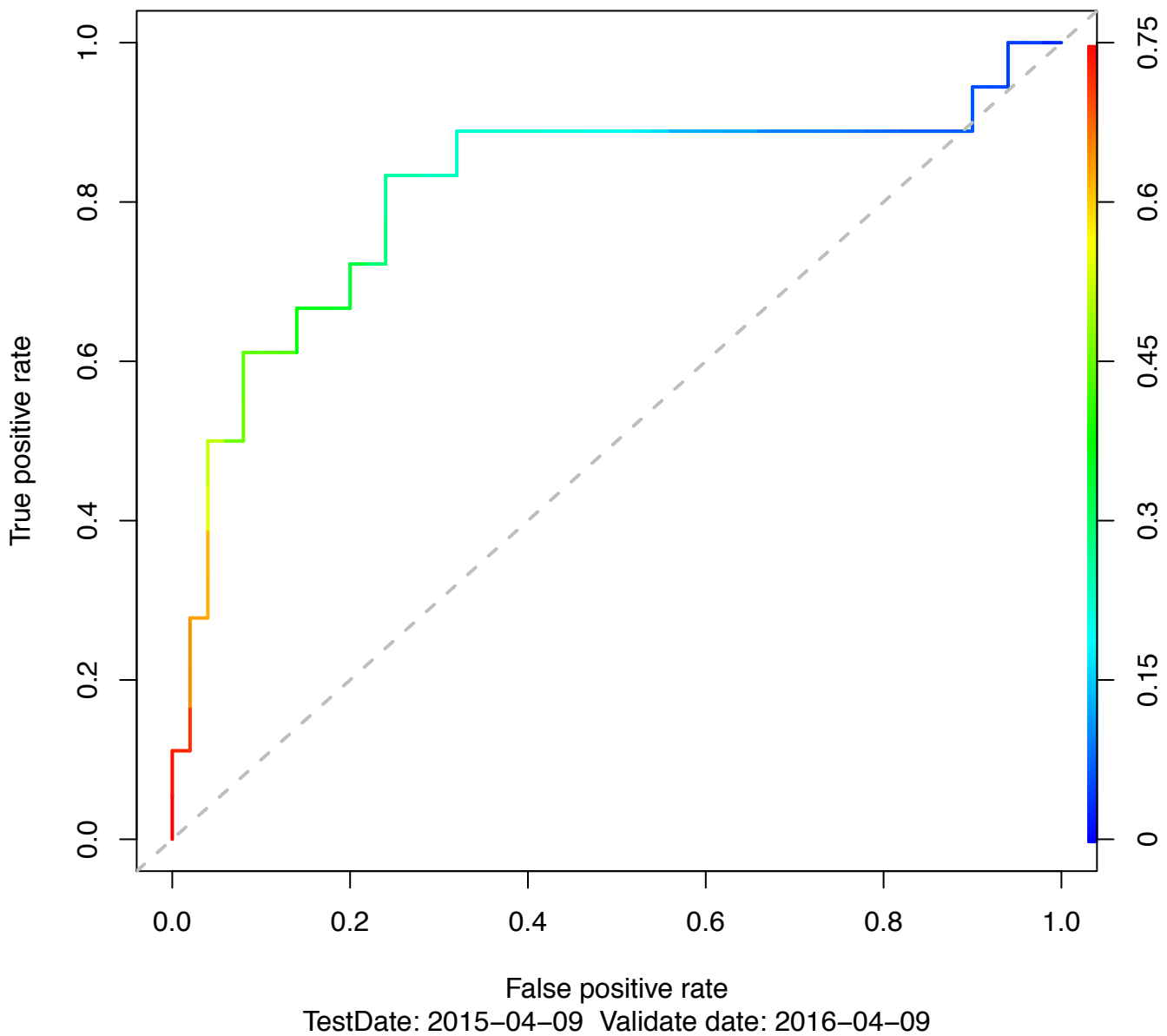
Variable Name

- Focus Shift (Disease)
- Coherence Shift (drug)
- Mean Enrollment (pre-market)
- Marketing Date
- Focus Shift (drug)
- Coherence Shift (disease)



	0	1	MeanDecreaseAccuracy	MeanDecreaseGini
marketDate	6.84536105003088	2.73419995217188	6.81474703575876	4.00548740947611
preMeanEnroll	11.0312374106824	10.3362901460366	13.5529901223481	4.70757058235962
ECdiseaseFocusDivergenceLevel	11.4028405816897	4.00794892942307	11.1366611874991	3.52695935756552
ECdiseaseFocusShiftLevel	10.5536011129545	13.5393502023385	14.8602156045556	5.5861732513963
ECdrugFocusDivergenceLevel	13.8083579975802	9.76143902761819	14.9311033009671	4.6159203024758
ECdrugFocusShiftLevel	7.05933029372593	7.06535339744897	9.39630970753612	3.72833027319727

ROC Curve for Random Forest Predictor



b

ROC Curve for Random Forest Predictor

