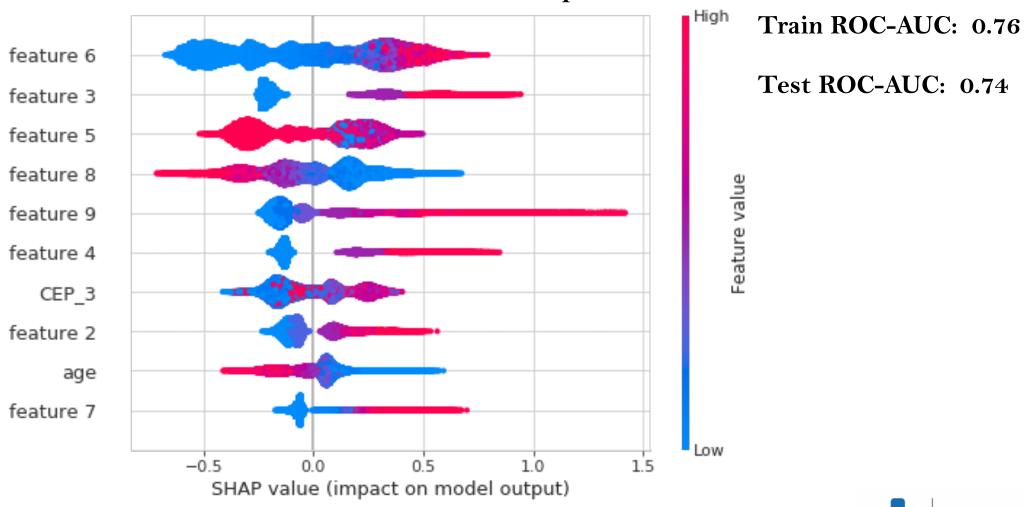
LOCATION **INFORMATION AND RACIAL BIASES IN CREDIT SCORING** 

Ramon Vilarino Experian DataLab LatAm

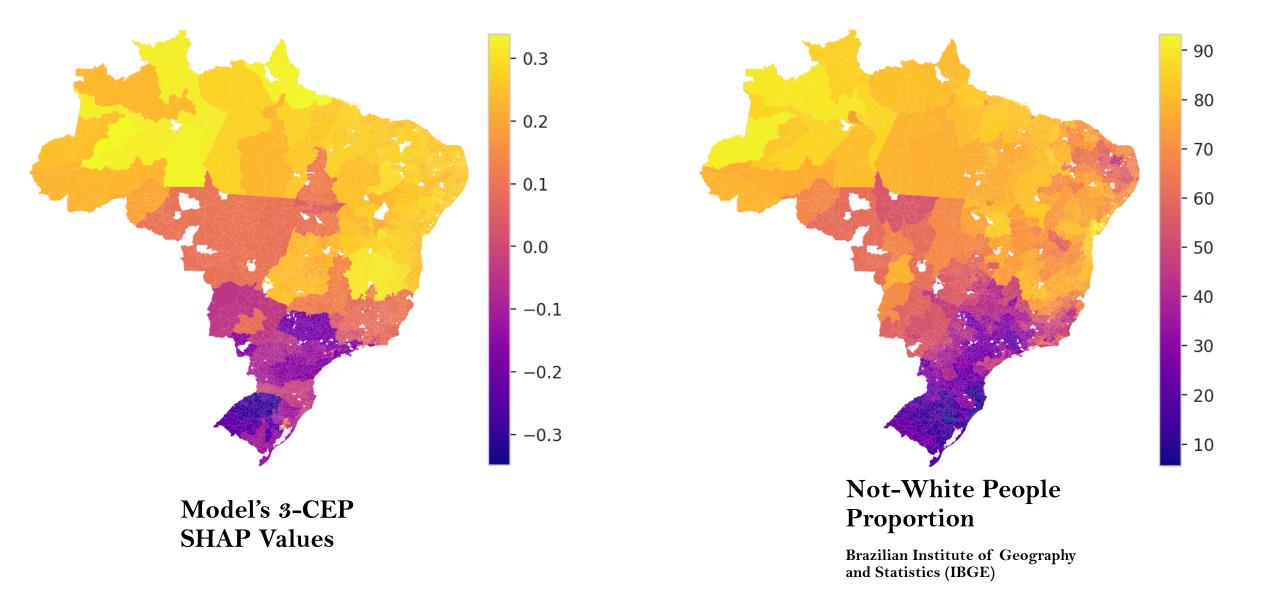


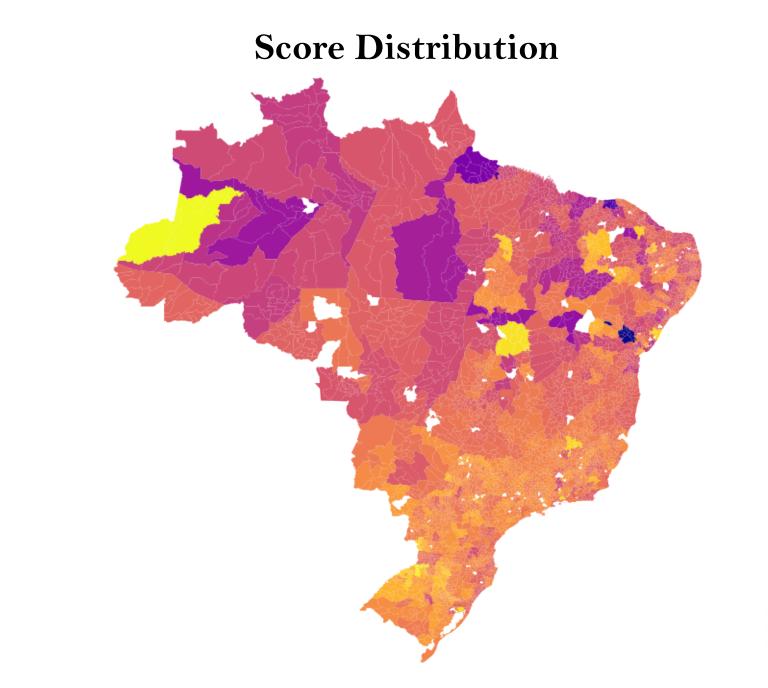


## SHAP Values Summary for Tree Gradient Boost Model with 250 tree estimators of maximal depth of 3

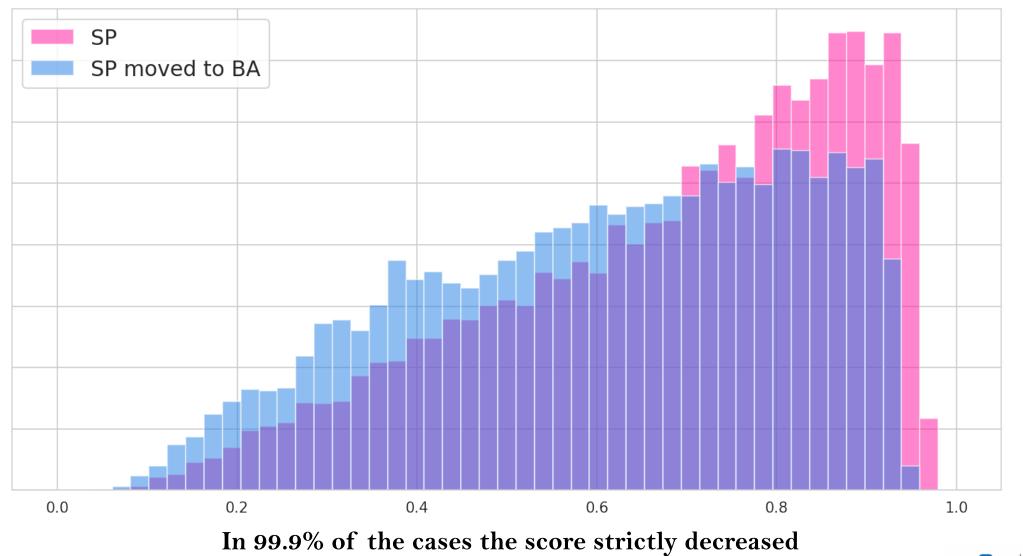


## **Correlation Coefficient: 82%**

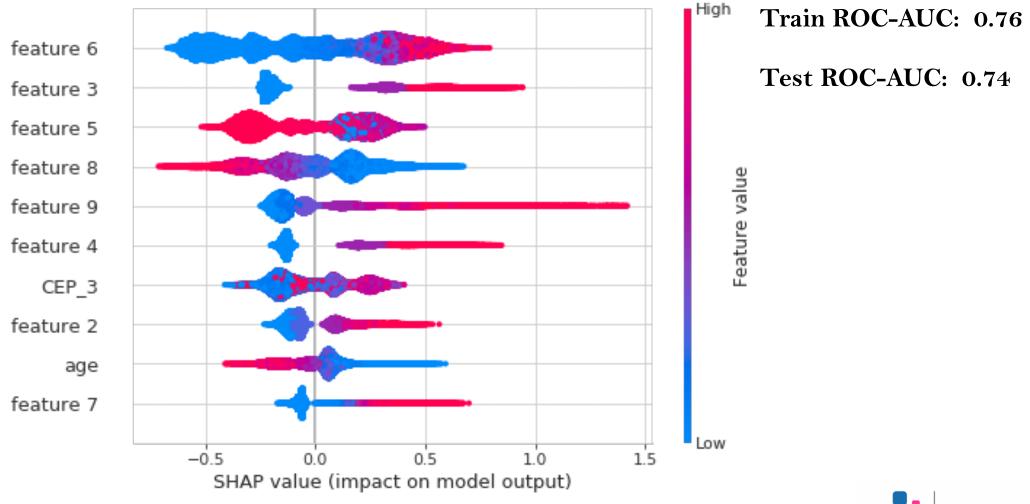




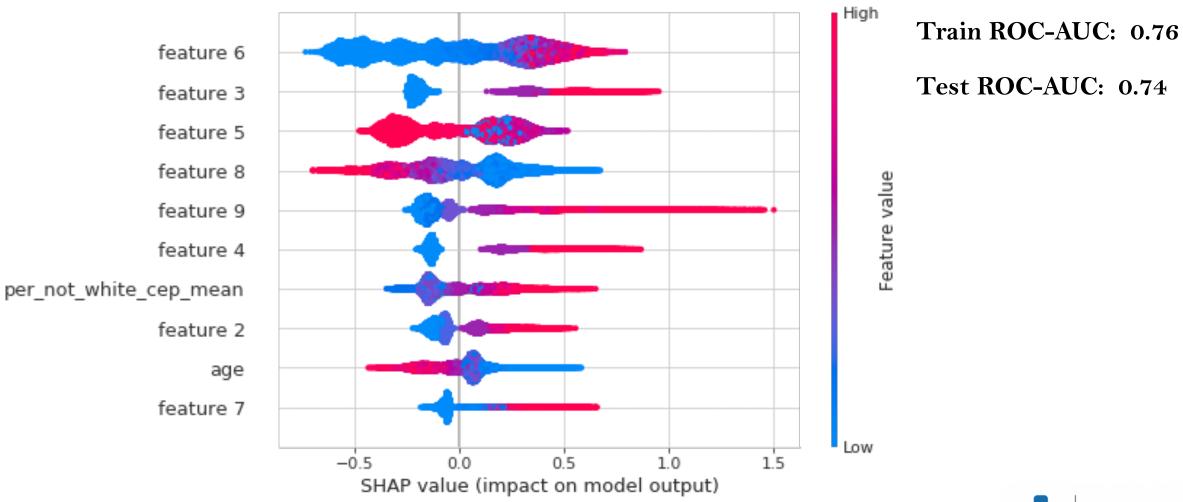










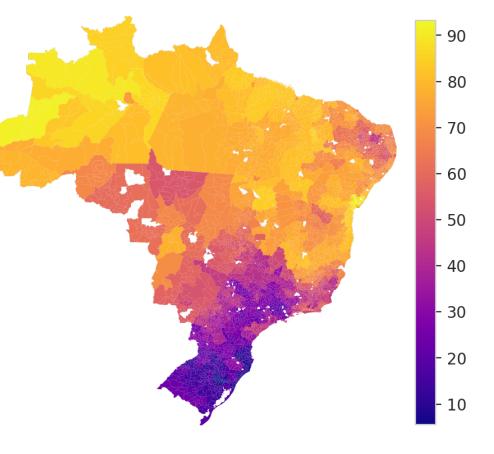




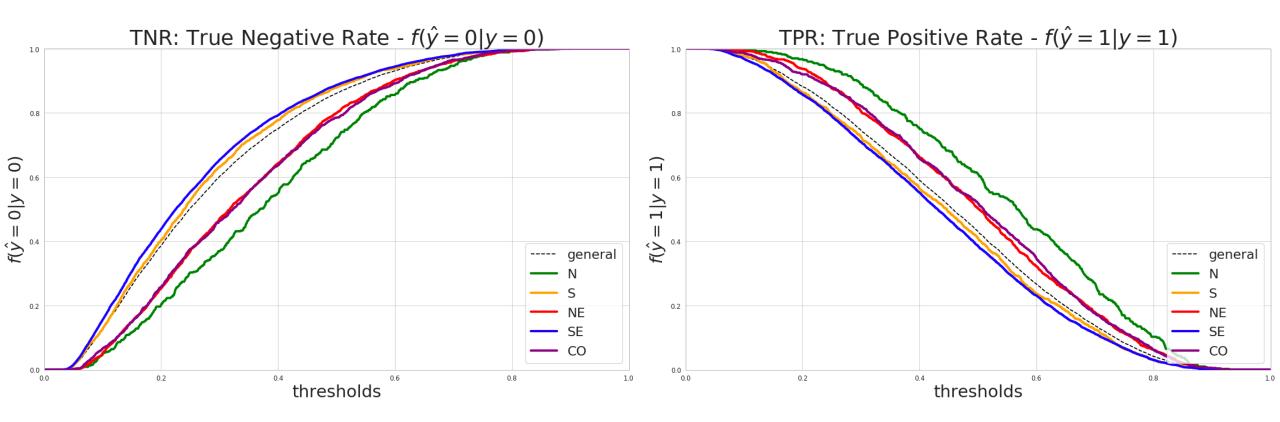


Proportion of self-declared not-whites

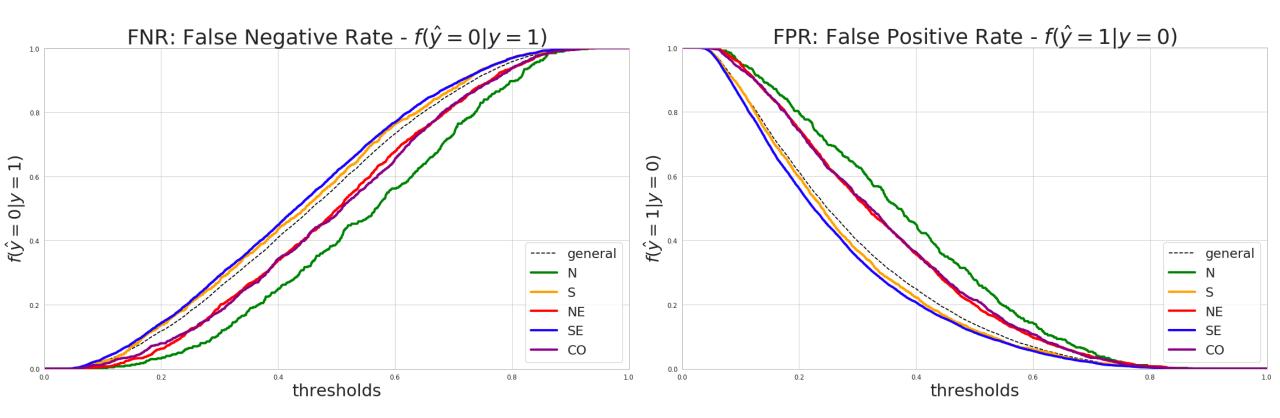
North: 76.4 % Northeast: 71.2 % Central-West: 58.5 % Southeast: 43.3 % South: 21.5 %



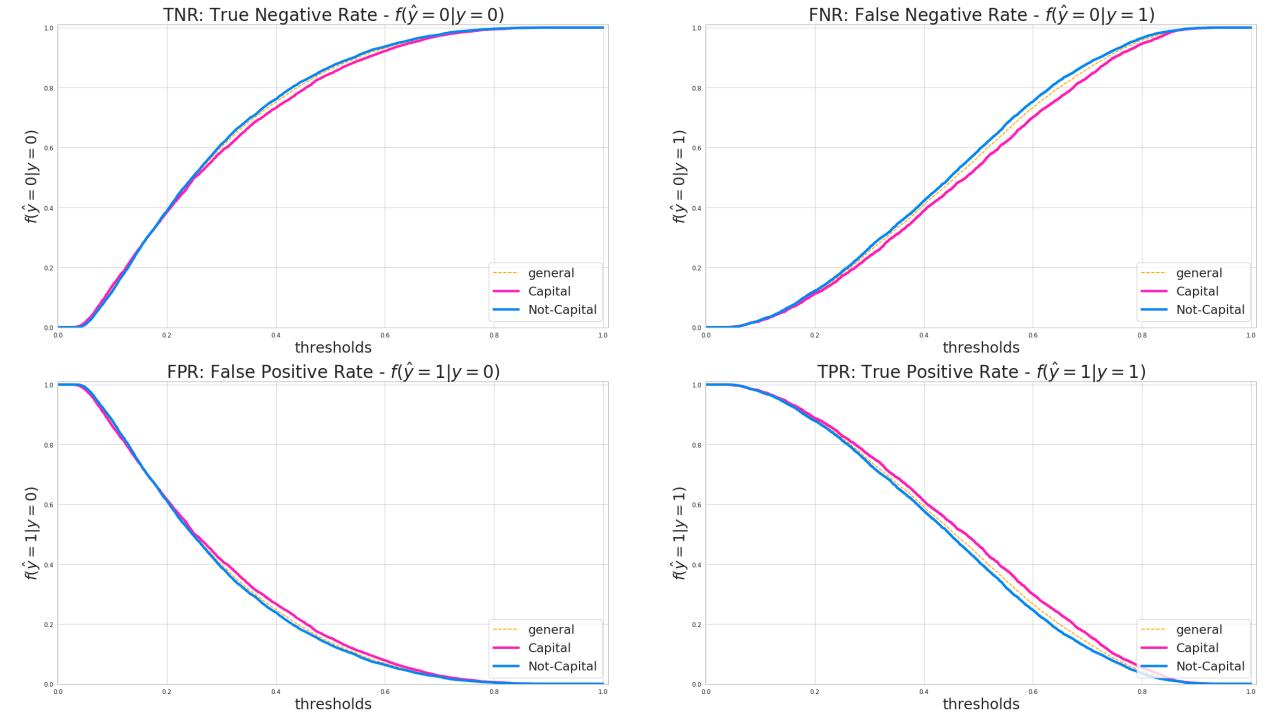
Not-White People Proportion











## THANK YOU!

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