

Bzhang Brief Report

Jiashu Miao 07/08/2019

1. Clarity.Lace Score ~ Readmission (Simple Logistic)

- AUC = 0.6764

2. Index (All components for Lace) ! Readmission (Mutivariate Logistic)

- AUC = 0.7588
- "Male_Score" as an insignificant variable by looking at summary table.

3. Index ~ Readmission (Random Forest after CV)

- AUC = 0.7809

4. Index ~ Readmission (Gradient Boosting after CV)

- AUC = 0.7938