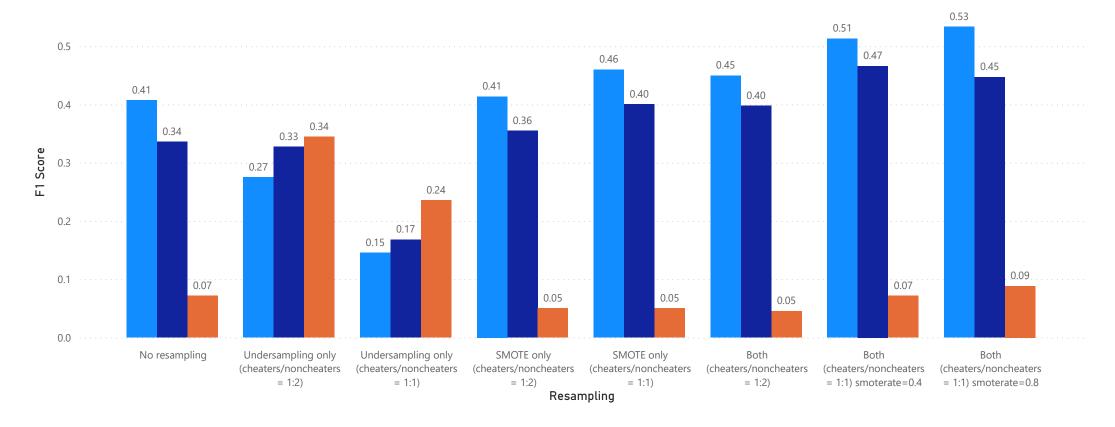
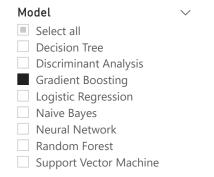
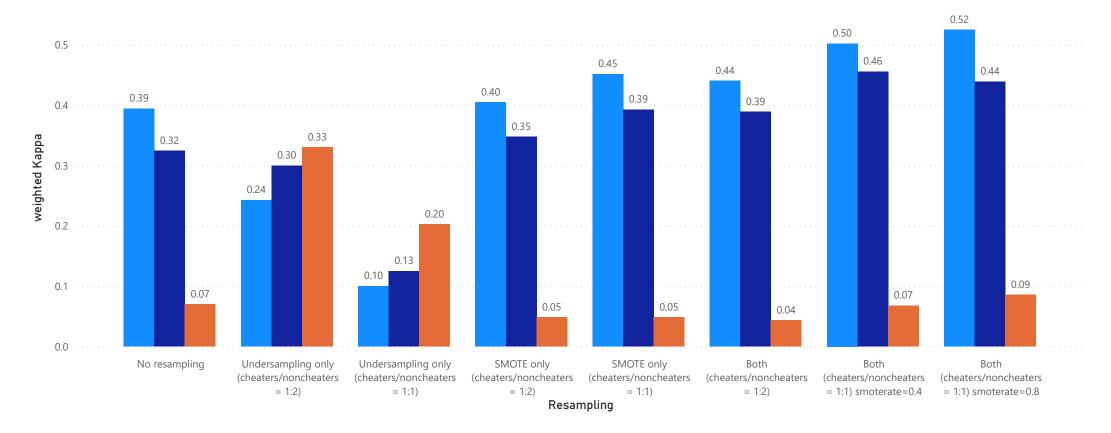
## Model Select all Decision Tree Discriminant Analysis Gradient Boosting Logistic Regression Naive Bayes Neural Network Random Forest Support Vector Machine

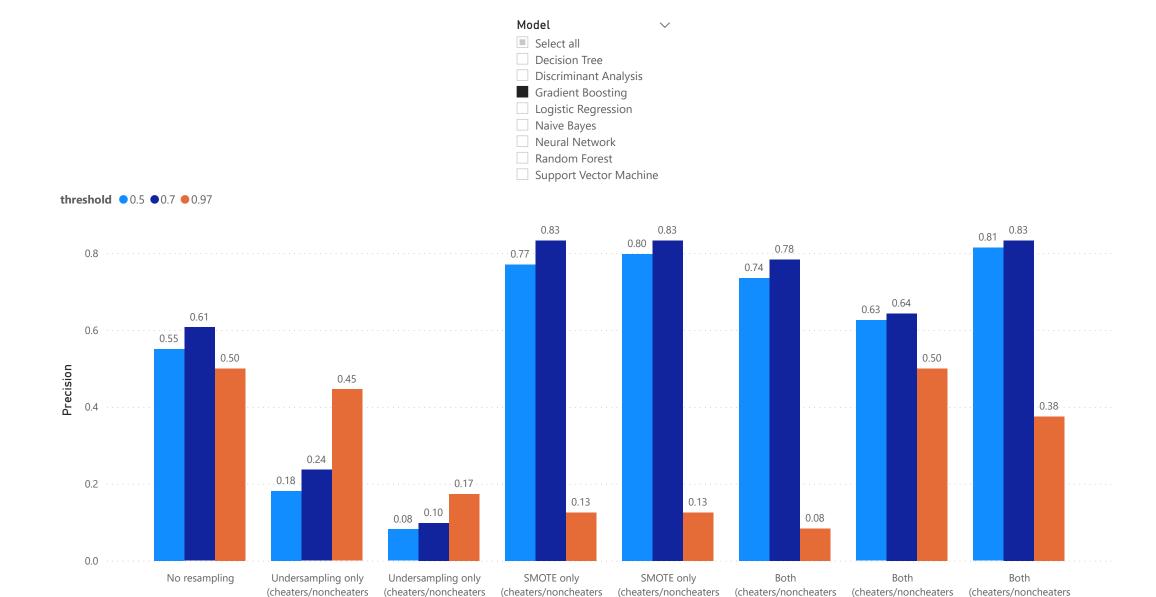
threshold ● 0.5 ● 0.7 ● 0.97





**threshold ●** 0.5 **●** 0.7 **●** 0.97





= 1:2)

Resampling

= 1:1)

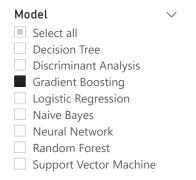
= 1:2)

= 1:1) smoterate=0.4

= 1:1) smoterate=0.8

= 1:2)

= 1:1)



**threshold** ● 0.5 ● 0.7 ● 0.97

