

**(a)**

Test Accuracy



Above 80%



Between 60% and 80%



Below 60%



NA

Synthesizer

Logistic Regression

Random Forest

XGBoost

TabSyn  
CTGAN  
TVAE  
CTAB-GAN+  
ARF  
synthpop

0

10

20

30

40

50

0

10

20

30

40

50

0

10

20

30

40

50

Frequency

**(b)**

Adult

Nursery

100%

90%

80%

70%

60%

50%

Accuracy (XGBoost)

Train

Test

Train

Test