

ICD10 chapter 10:
Diseases of the respiratory system

Test prevalence: 12.0%

Average precision

0.40

0.35

0.30

0.25

0.20

Previous stay baseline

1000

2000

3000

4000

5000

6000

7000

8000

9000

Number of patients in train set

Featurizers

Local Embeddings

SNDS Embeddings

Count Encoding

CEHR-BERT

Demographics

Estimators

Logistic regression

Random Forest

Boosting

