

ICD10 chapter 13:  
Diseases of the  
musculoskeletal system and  
connective tissue

Test prevalence: 14.0%

Macro ROC AUC

0.75  
0.70  
0.65  
0.60  
0.55  
0.50  
0.45  
0.40

Previous stay

0

2000

4000

6000

8000

Number of patients in train set

Featurizers

Train Embeddings

SNDS Embeddings

Cui2vec Embeddings

Count Encoding

Count Encoding wo decay

CEHR-BERT

Estimators

Logistic regression

Forests

