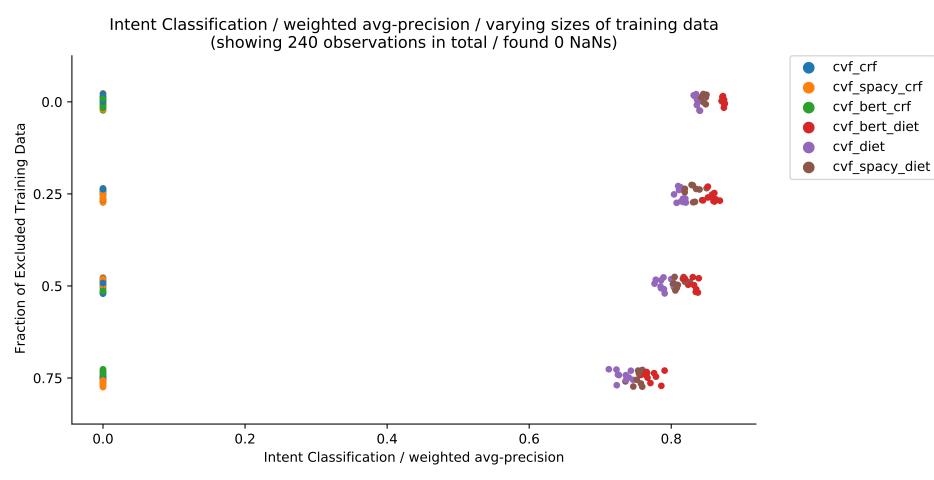


Intent Classification / weighted avg-f1-score / varying sizes of training data (showing 240 observations in total / found 0 NaNs) cvf\_crf cvf\_spacy\_crf cvf\_bert\_crf cvf\_bert\_diet cvf diet cvf\_spacy\_diet 0.1 0.2 0.3 0.4 0.0 0.5 0.6 0.7

Fraction of Excluded Training Data

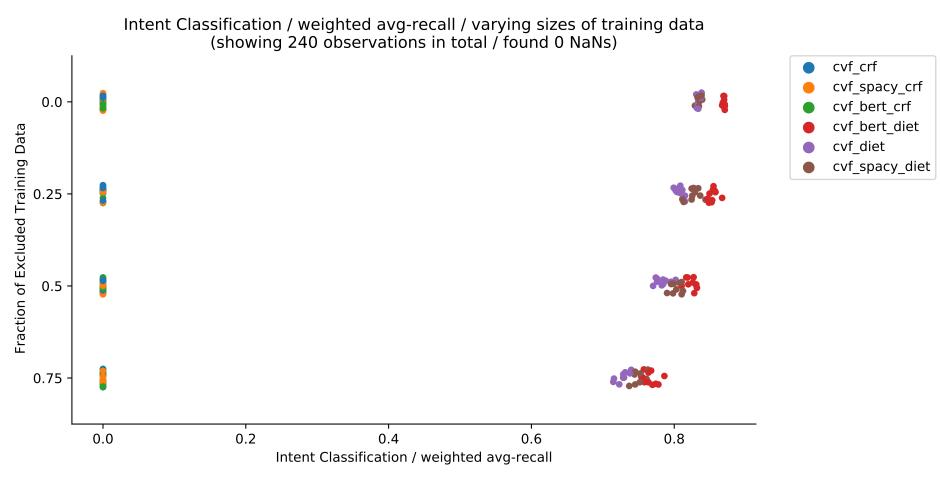
Intent Classification / weighted avg-f1-score

0.0

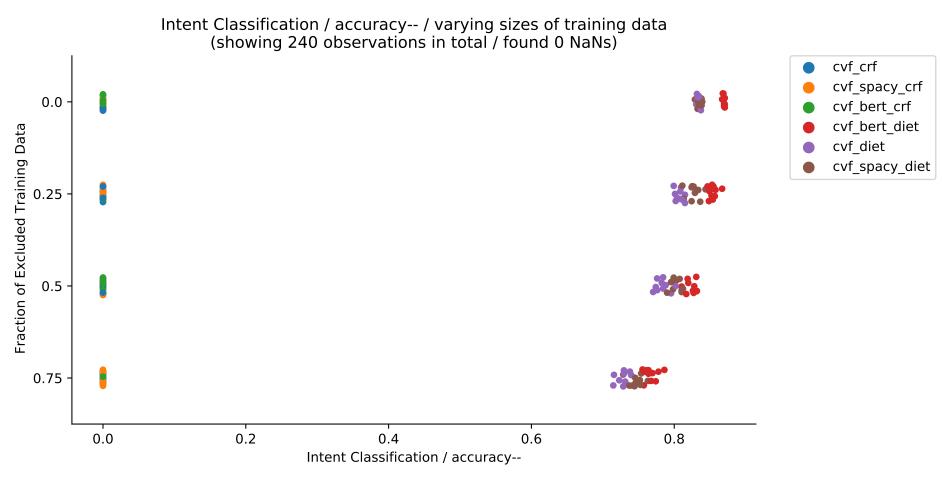


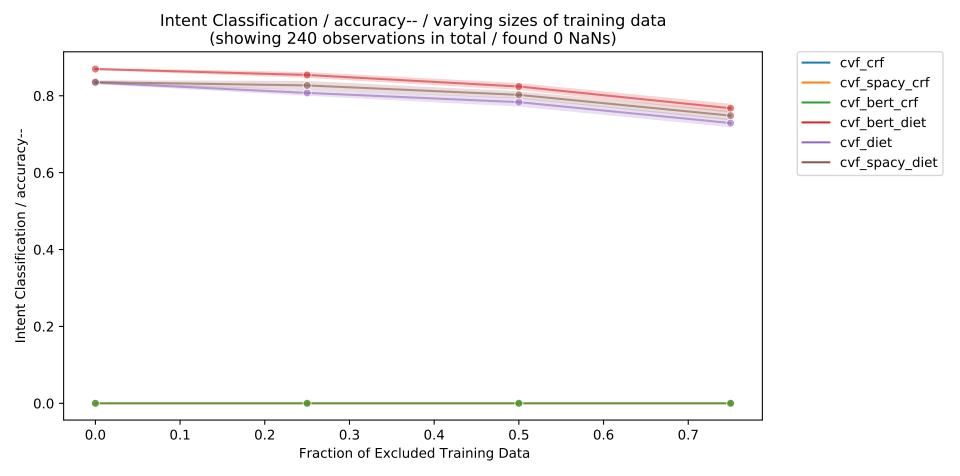
Intent Classification / weighted avg-precision / varying sizes of training data (showing 240 observations in total / found 0 NaNs) cvf\_crf cvf\_spacy\_crf 0.8 cvf\_bert\_crf cvf\_bert\_diet cvf diet cvf\_spacy\_diet 0.6 0.2 0.0 0.1 0.2 0.3 0.4 0.0 0.5 0.6 0.7 Fraction of Excluded Training Data

Intent Classification / weighted avg-precision



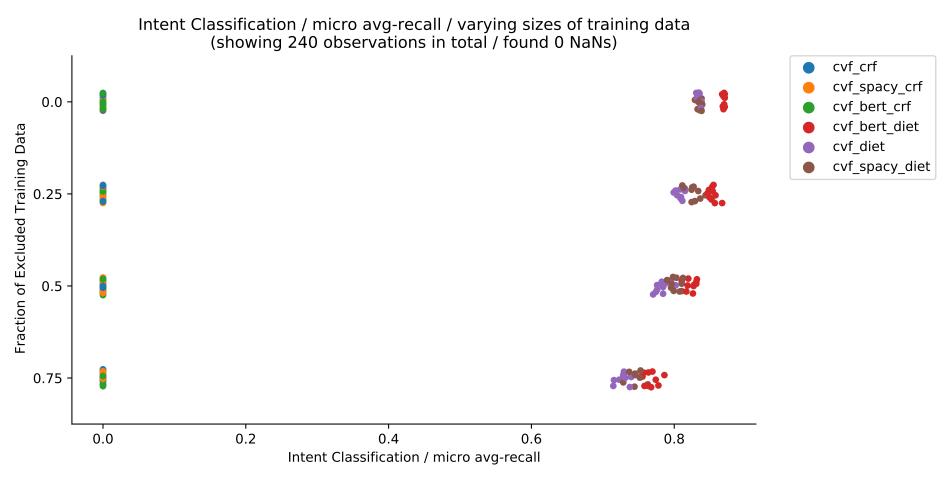
Intent Classification / weighted avg-recall / varying sizes of training data (showing 240 observations in total / found 0 NaNs) cvf\_crf cvf\_spacy\_crf 0.8 Intent Classification / weighted avg-recall cvf\_bert\_crf cvf\_bert\_diet cvf diet cvf\_spacy\_diet 0.6 0.2 0.0 -0.1 0.2 0.3 0.4 0.0 0.5 0.6 0.7 Fraction of Excluded Training Data

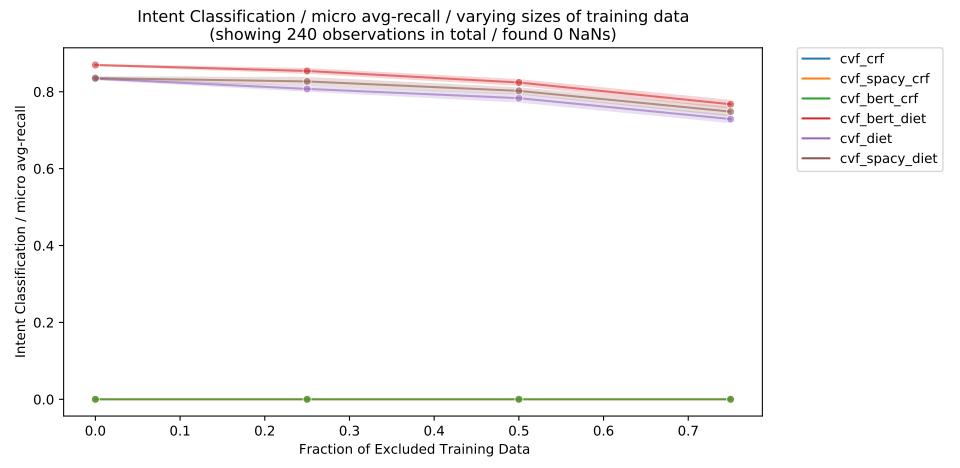


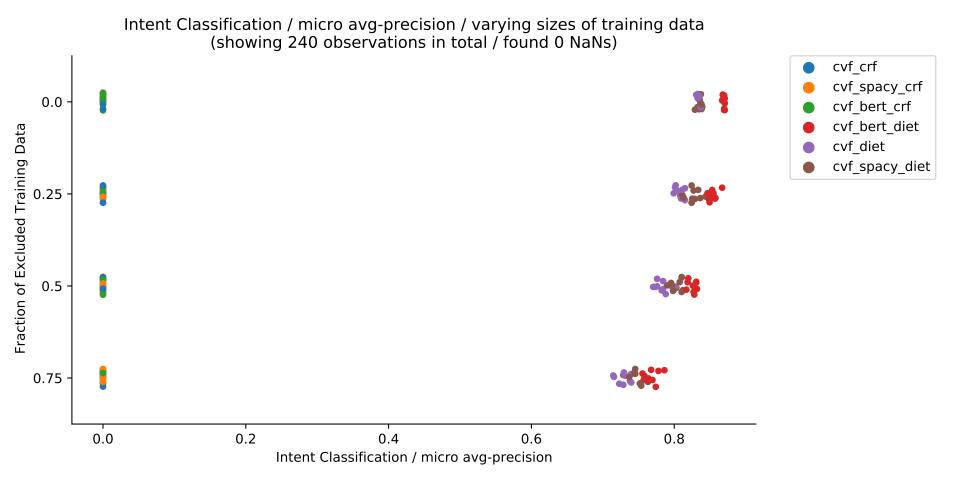




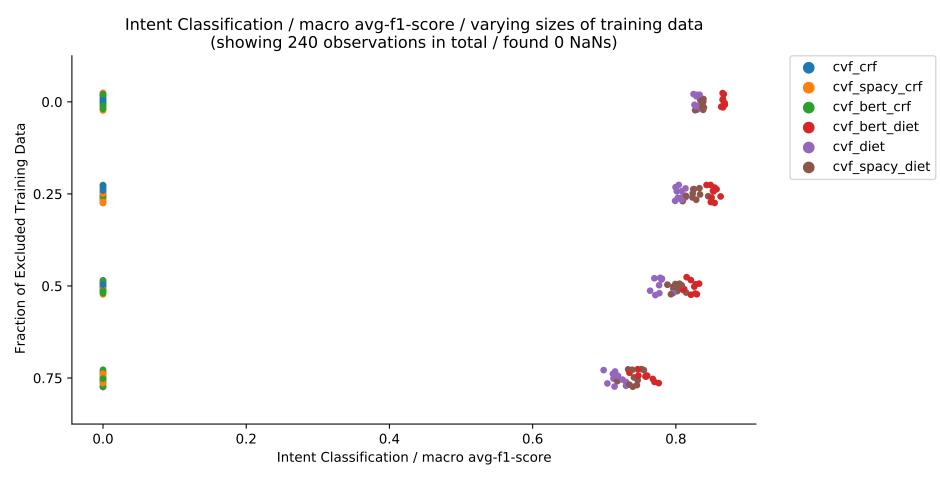
Intent Classification / micro avg-f1-score / varying sizes of training data (showing 240 observations in total / found 0 NaNs) cvf\_crf cvf\_spacy\_crf 8.0 cvf\_bert\_crf Intent Classification / micro avg-f1-score cvf\_bert\_diet cvf diet cvf\_spacy\_diet 0.6 0.2 0.0 -0.1 0.2 0.3 0.4 0.0 0.5 0.6 0.7 Fraction of Excluded Training Data



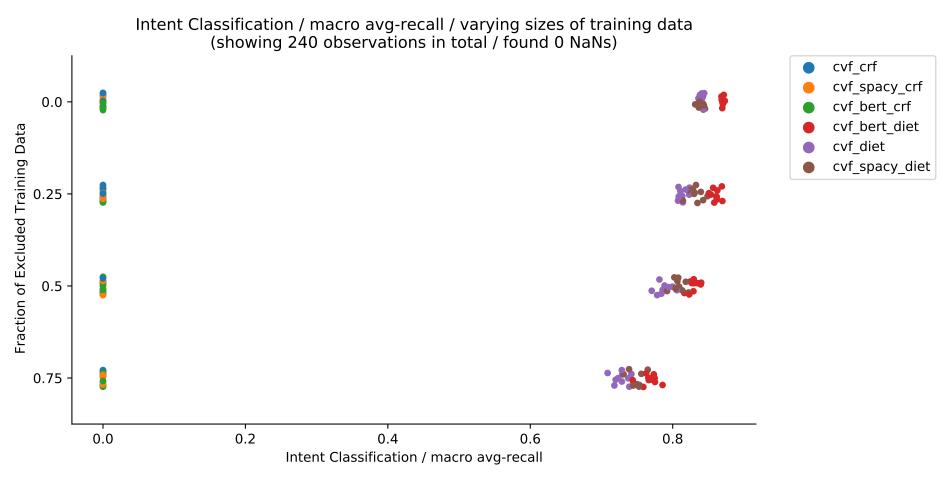




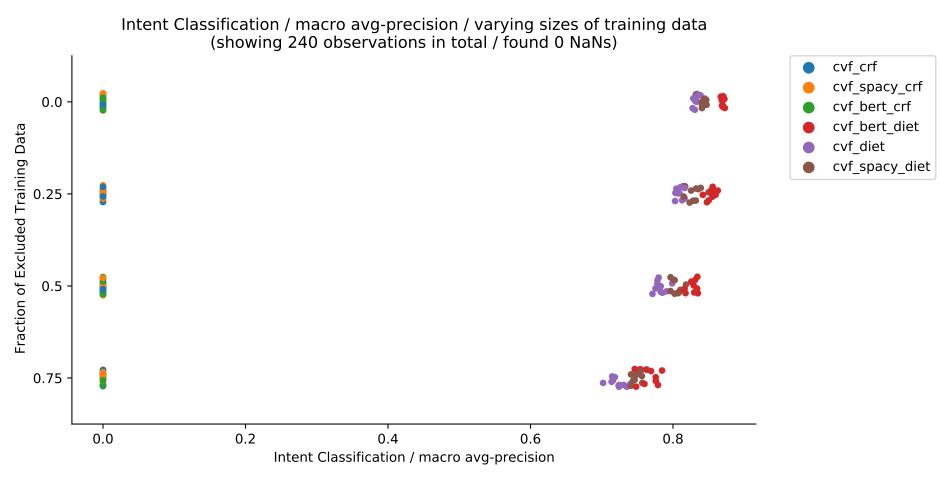
Intent Classification / micro avg-precision / varying sizes of training data (showing 240 observations in total / found 0 NaNs) cvf\_crf cvf\_spacy\_crf Intent Classification / micro avg-precision cvf\_bert\_crf cvf\_bert\_diet cvf diet cvf\_spacy\_diet 0.0 -0.1 0.2 0.3 0.4 0.0 0.5 0.6 0.7 Fraction of Excluded Training Data



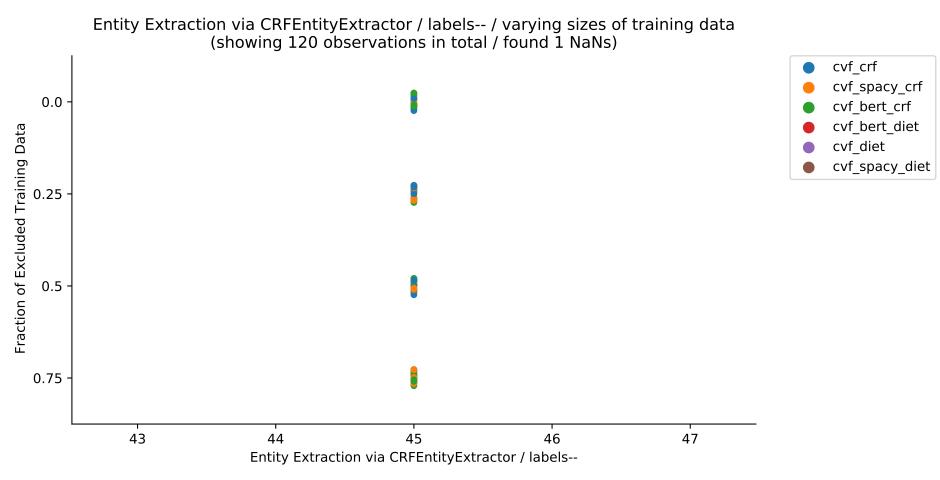
Intent Classification / macro avg-f1-score / varying sizes of training data (showing 240 observations in total / found 0 NaNs) cvf\_crf cvf\_spacy\_crf Intent Classification / macro avg-f1-score cvf\_bert\_crf cvf\_bert\_diet cvf diet cvf\_spacy\_diet 0.0 -0.1 0.2 0.3 0.4 0.7 0.0 0.5 0.6 Fraction of Excluded Training Data

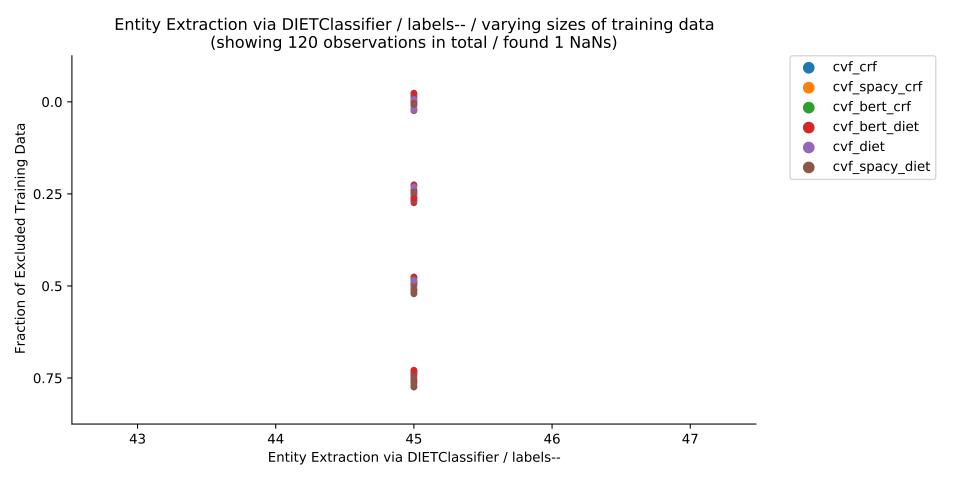


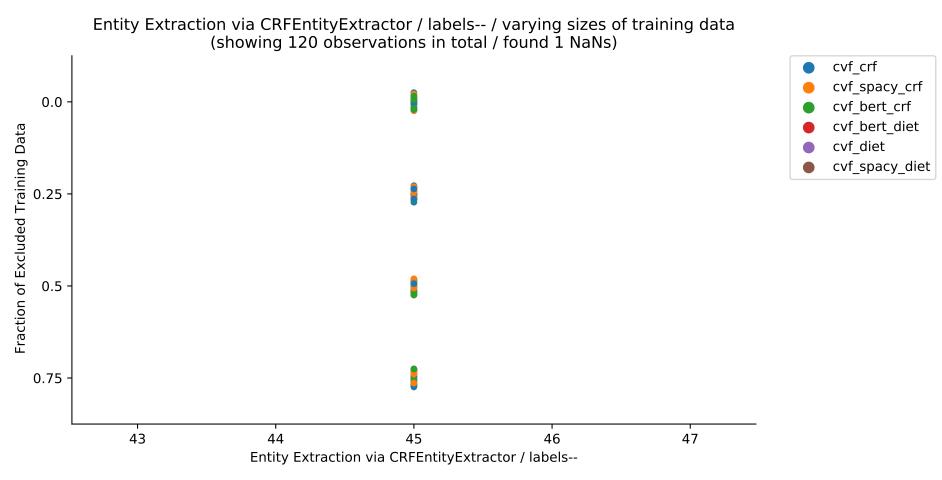
Intent Classification / macro avg-recall / varying sizes of training data (showing 240 observations in total / found 0 NaNs) cvf\_crf cvf\_spacy\_crf 8.0 cvf\_bert\_crf Intent Classification / macro avg-recall cvf\_bert\_diet cvf diet cvf\_spacy\_diet 0.6 0.4 0.2 0.0 -0.1 0.2 0.3 0.4 0.0 0.5 0.6 0.7 Fraction of Excluded Training Data

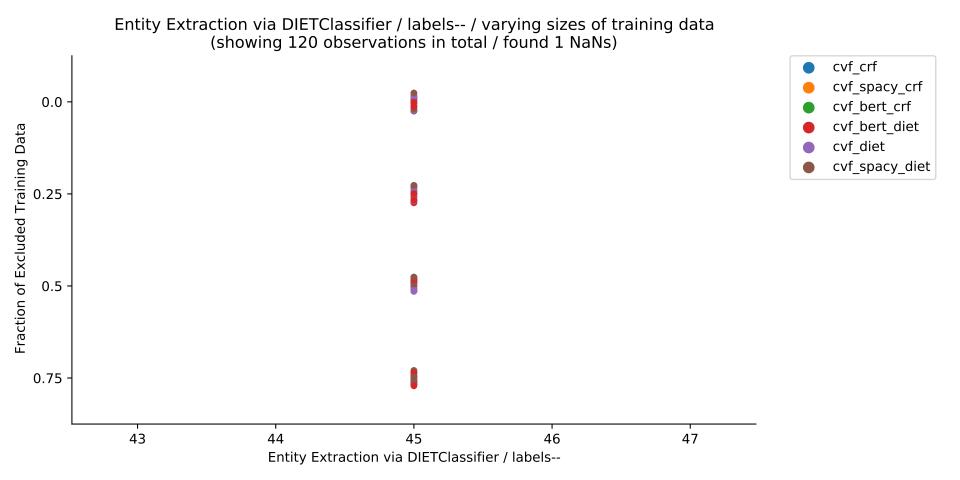


Intent Classification / macro avg-precision / varying sizes of training data (showing 240 observations in total / found 0 NaNs) cvf\_crf cvf\_spacy\_crf Intent Classification / macro avg-precision cvf\_bert\_crf cvf\_bert\_diet cvf diet cvf\_spacy\_diet 0.2 -0.0 -0.1 0.2 0.3 0.4 0.0 0.5 0.6 0.7 Fraction of Excluded Training Data

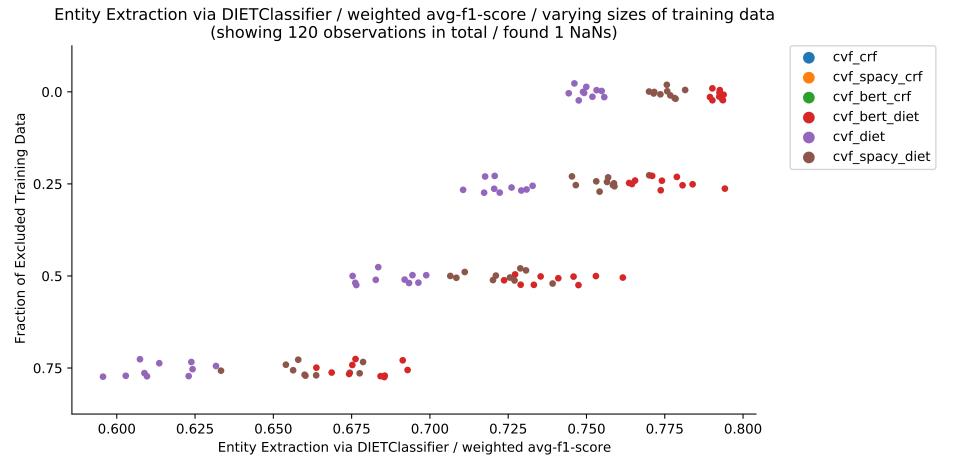


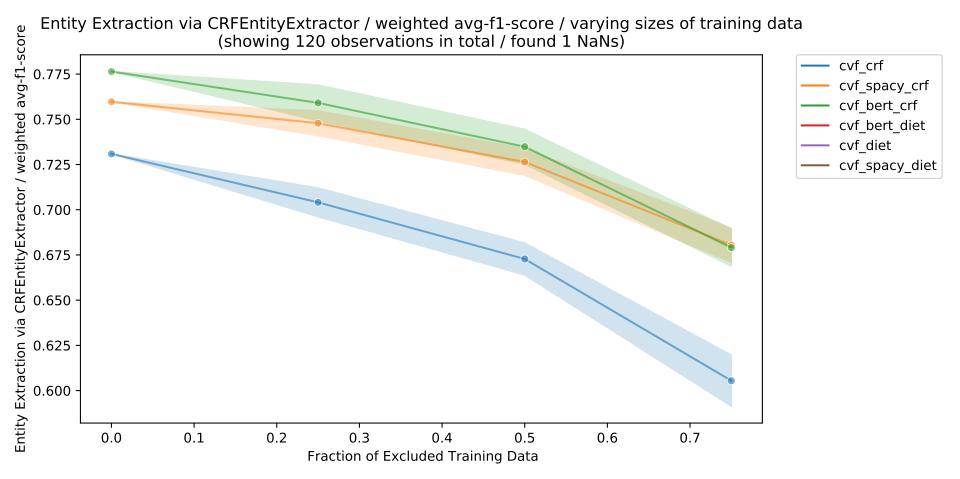


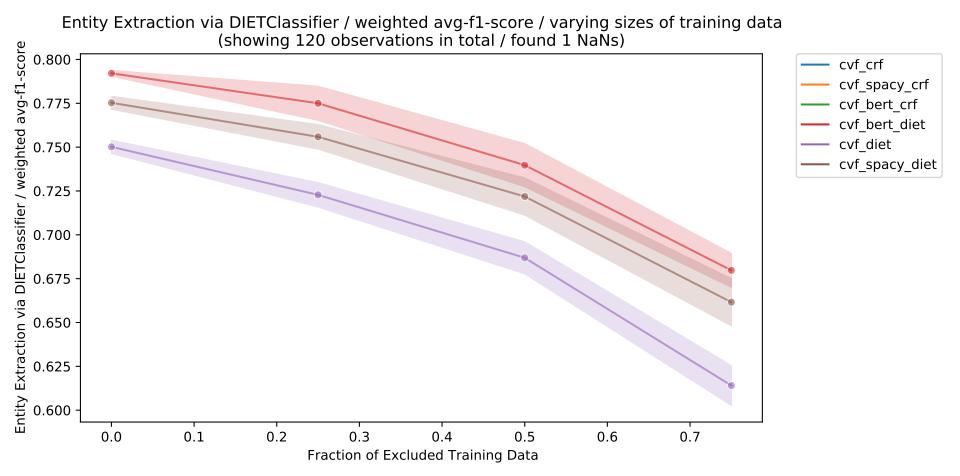




Entity Extraction via CRFEntityExtractor / weighted avg-f1-score / varying sizes of training data (showing 120 observations in total / found 1 NaNs) cvf\_crf cvf\_spacy\_crf 0.0 cvf\_bert\_crf cvf bert diet Fraction of Excluded Training Data cvf diet cvf spacy diet 0.25 -0.5 0.75 0.600 0.625 0.650 0.675 0.700 0.575 0.725 0.750 0.775 Entity Extraction via CRFEntityExtractor / weighted avg-f1-score

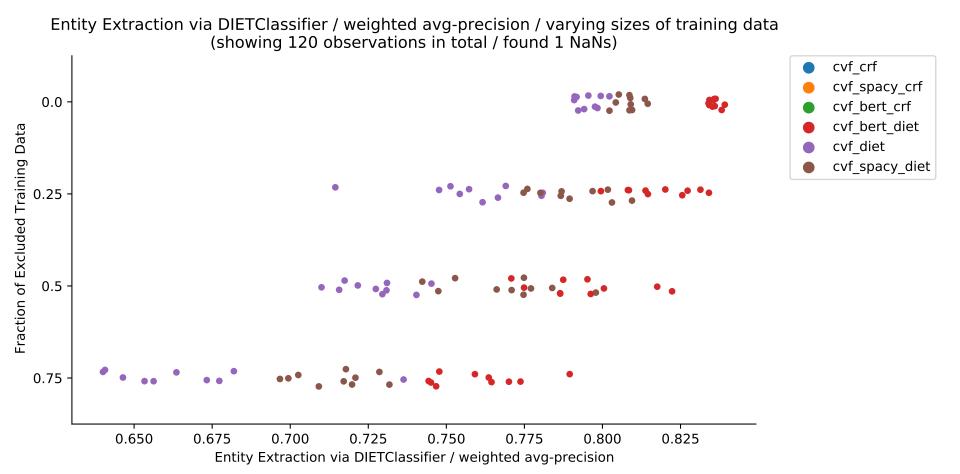


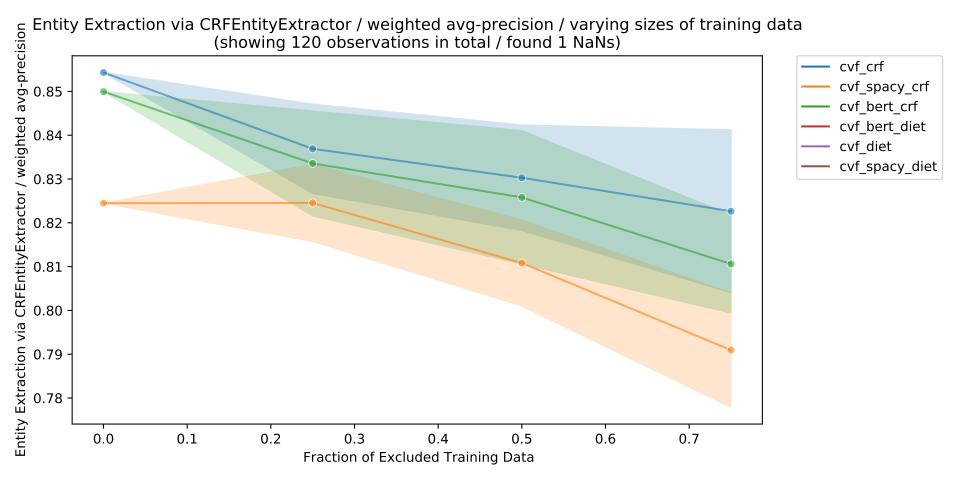


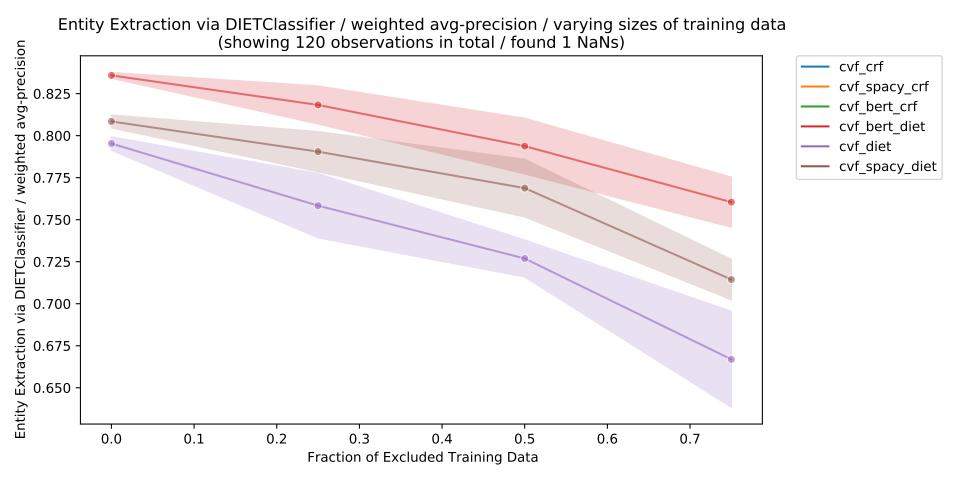


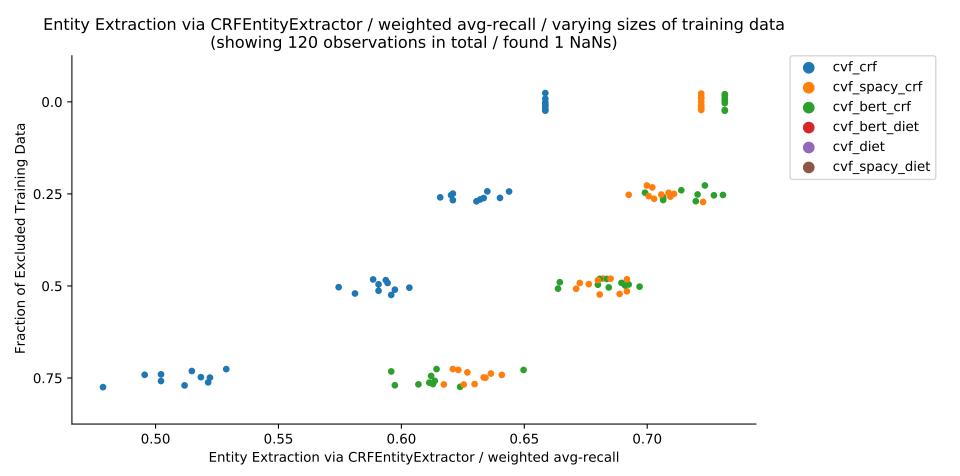
Entity Extraction via CRFEntityExtractor / weighted avg-precision / varying sizes of training data (showing 120 observations in total / found 1 NaNs) cvf crf cvf\_spacy\_crf 0.0 cvf\_bert\_crf cvf bert diet Fraction of Excluded Training Data cvf diet cvf spacy diet 0.25 -0.5 0.75 0.77 0.78 0.79 0.80 0.81 0.82 0.83 0.84 0.85

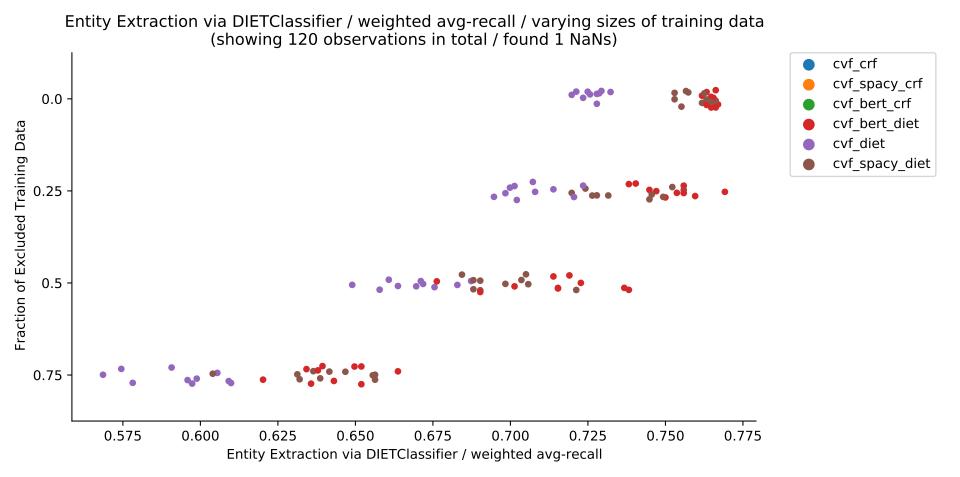
Entity Extraction via CRFEntityExtractor / weighted avg-precision

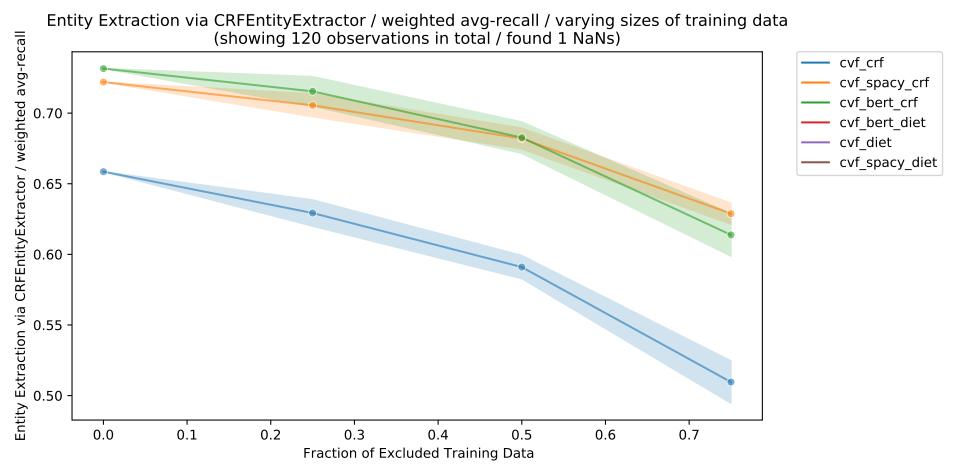




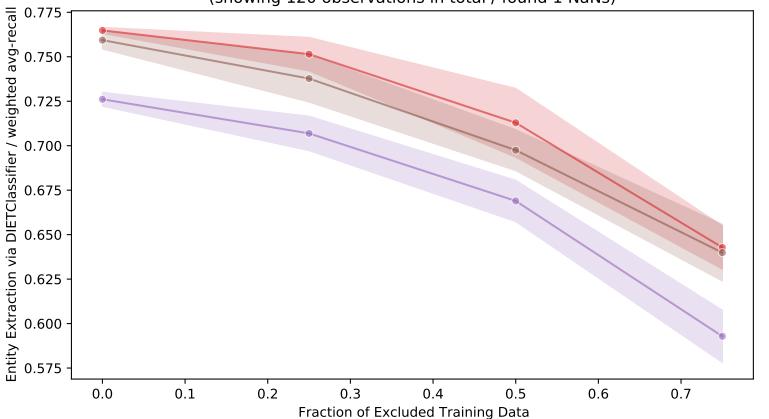


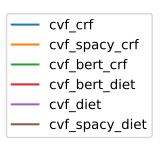


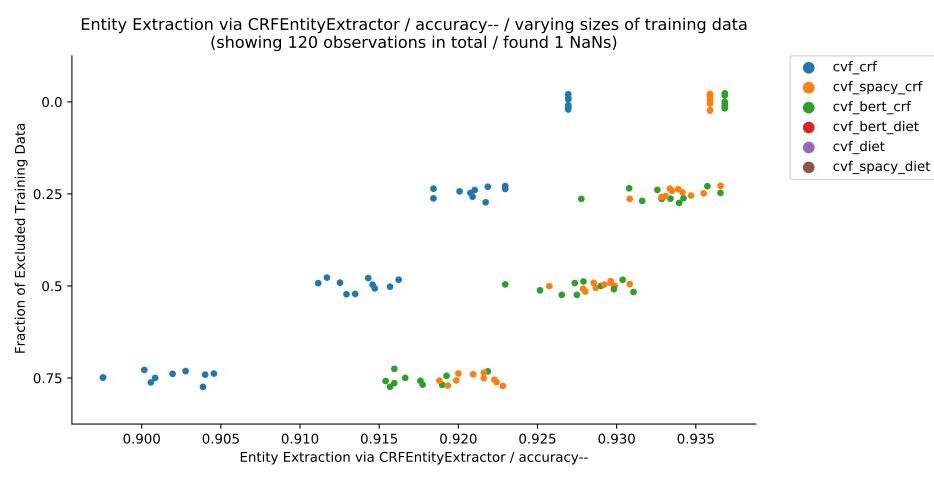


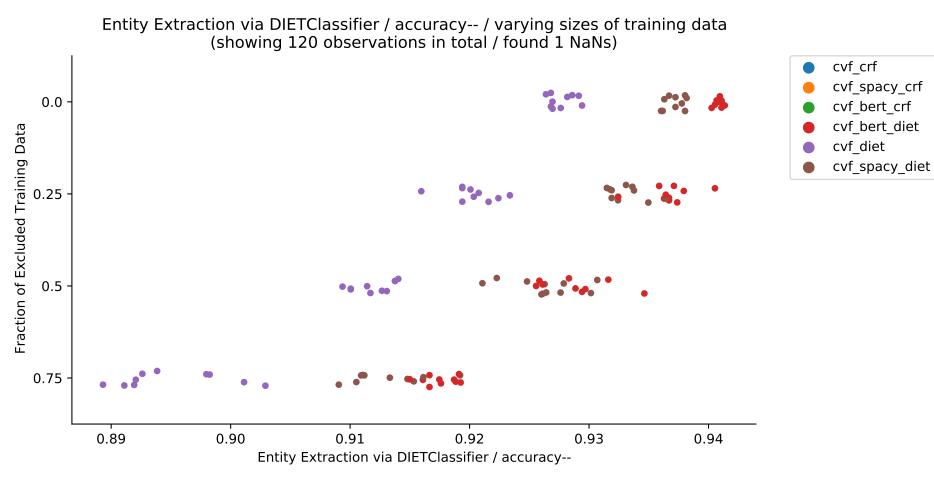


Entity Extraction via DIETClassifier / weighted avg-recall / varying sizes of training data (showing 120 observations in total / found 1 NaNs)









Entity Extraction via CRFEntityExtractor / accuracy-- / varying sizes of training data (showing 120 observations in total / found 1 NaNs) cvf\_crf cvf\_spacy\_crf 0.935 cvf\_bert\_crf cvf\_bert\_diet 0.930 cvf diet cvf\_spacy\_diet 0.925 0.920 0.915 Entity Extraction via C 0.900 0.900

0.5

0.6

0.7

0.2

0.3

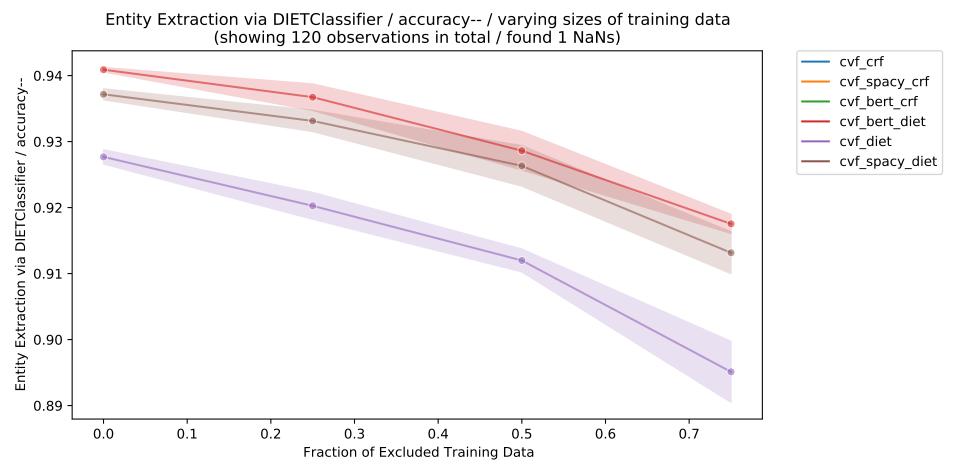
0.4

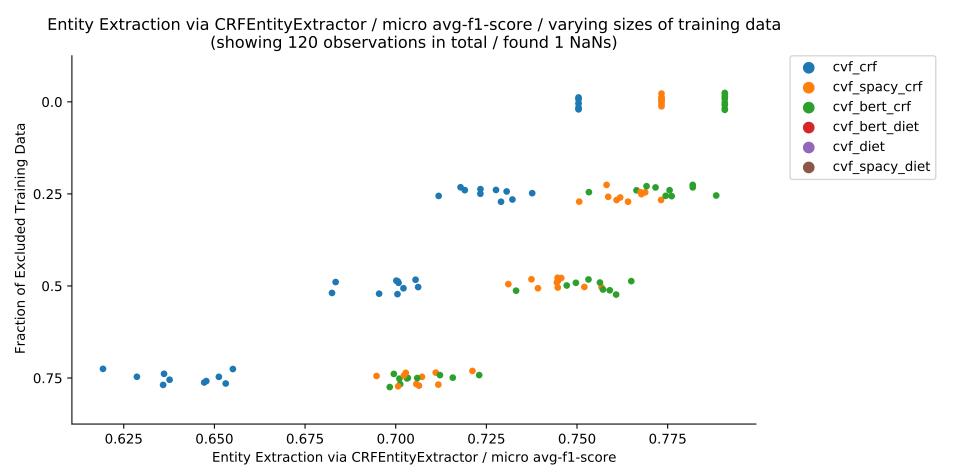
Fraction of Excluded Training Data

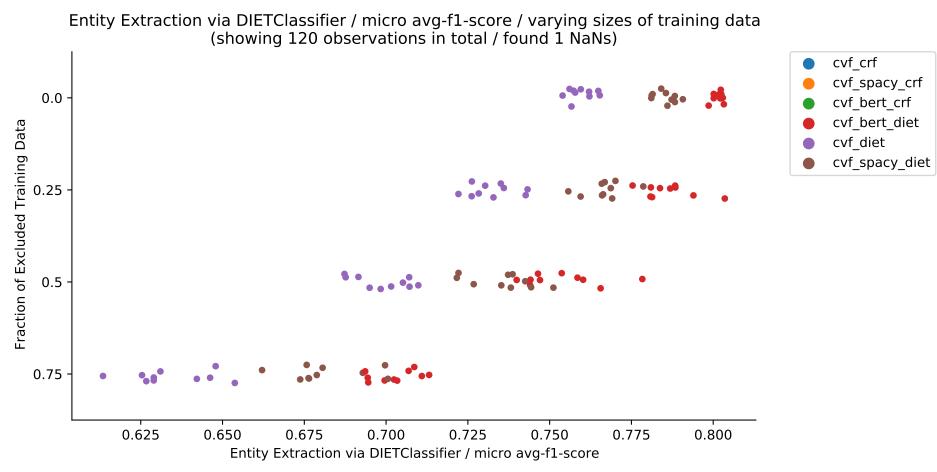
CRFEntityExtractor / accuracy

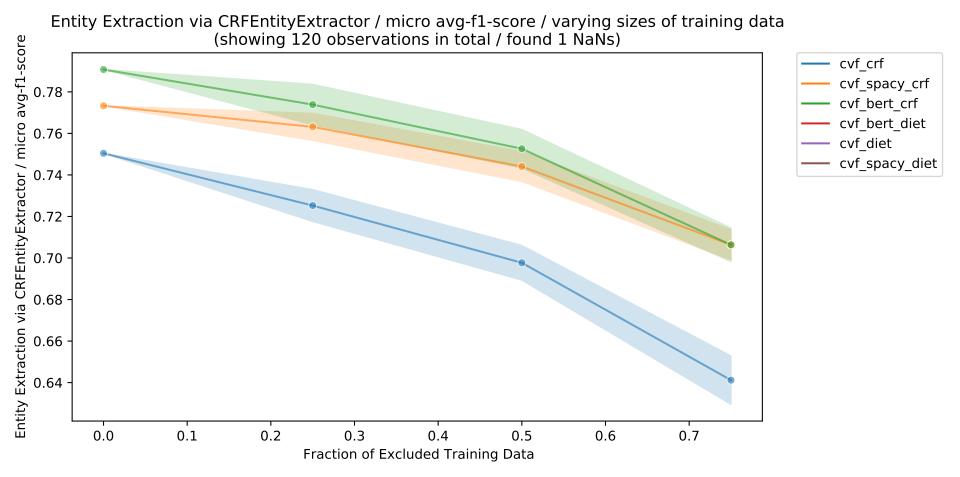
0.0

0.1

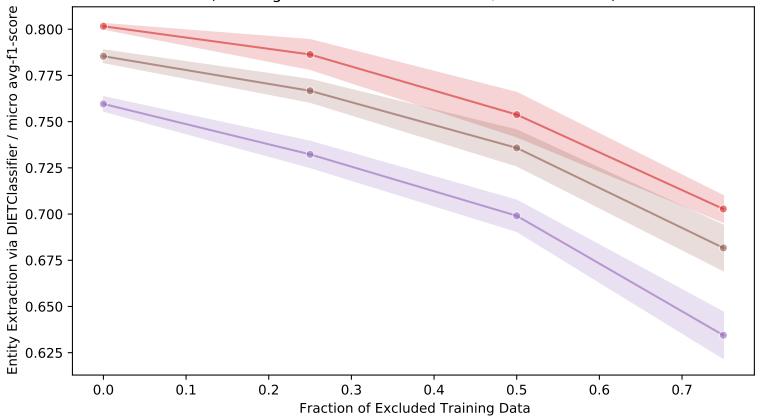


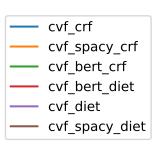




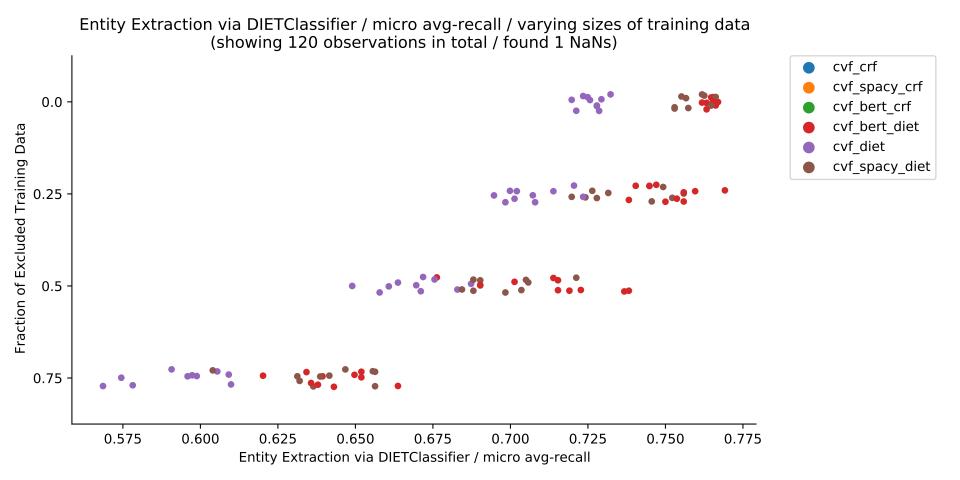


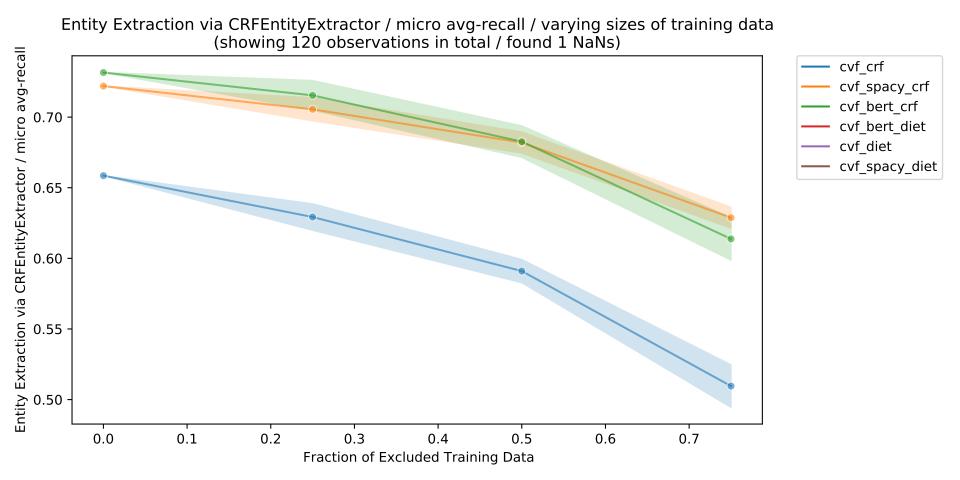
Entity Extraction via DIETClassifier / micro avg-f1-score / varying sizes of training data (showing 120 observations in total / found 1 NaNs)





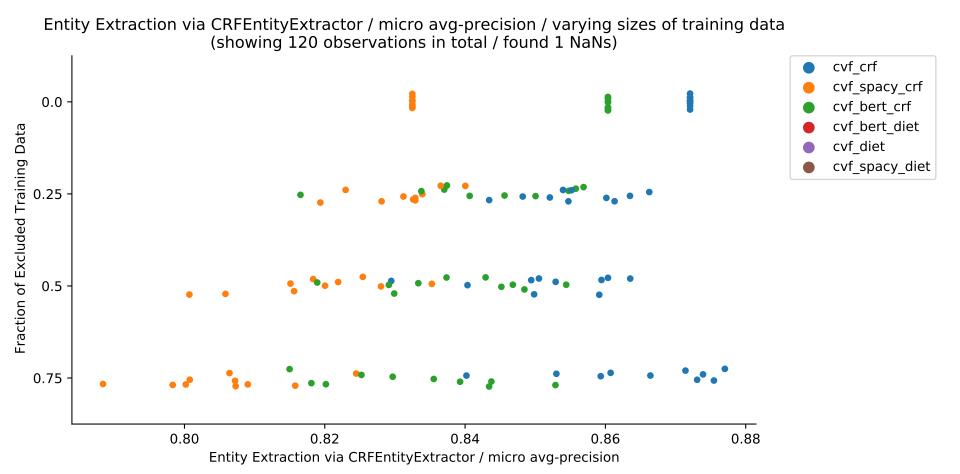


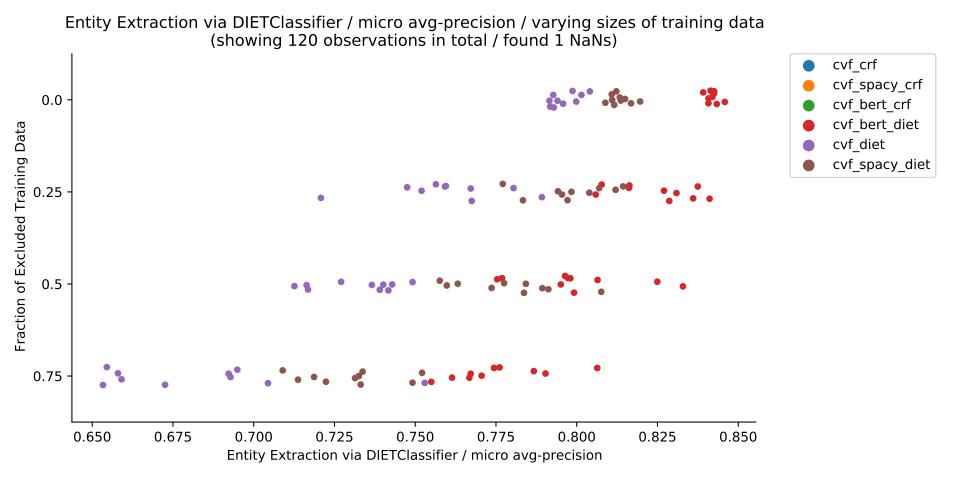


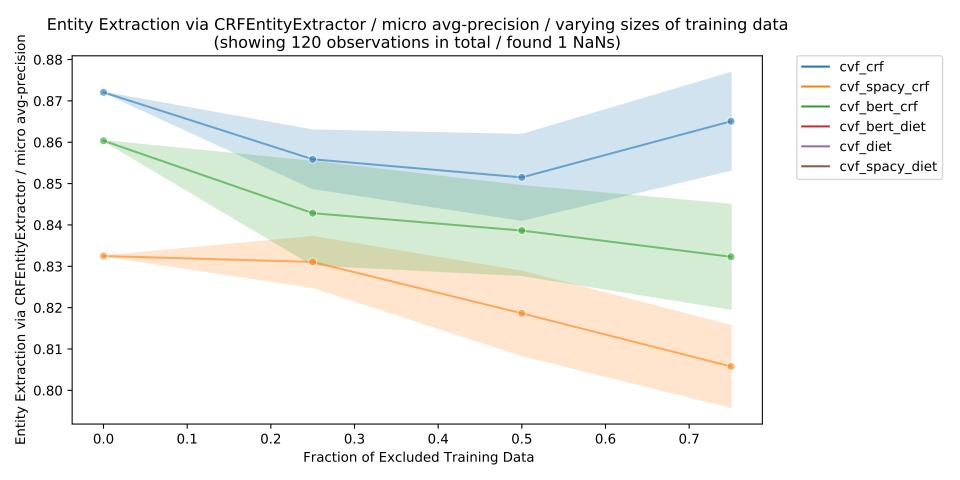


Entity Extraction via DIETClassifier / micro avg-recall / varying sizes of training data (showing 120 observations in total / found 1 NaNs) 0.775 cvf\_crf cvf\_spacy\_crf cvf\_bert\_crf cvf\_bert\_diet cvf diet cvf\_spacy\_diet 0.2 0.3 0.4 0.7 0.0 0.1 0.5 0.6

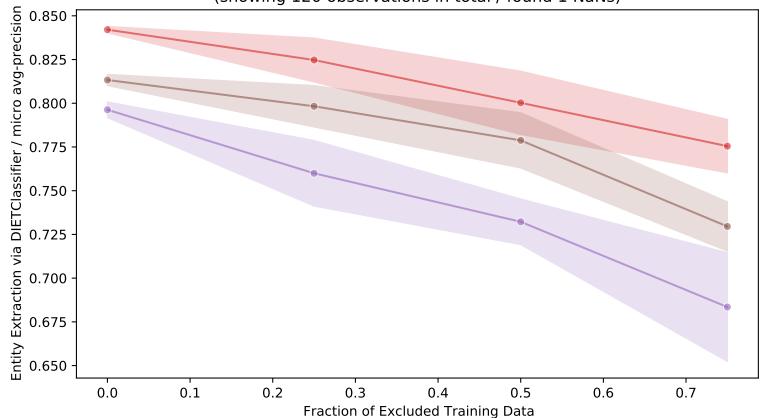
Fraction of Excluded Training Data

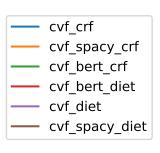


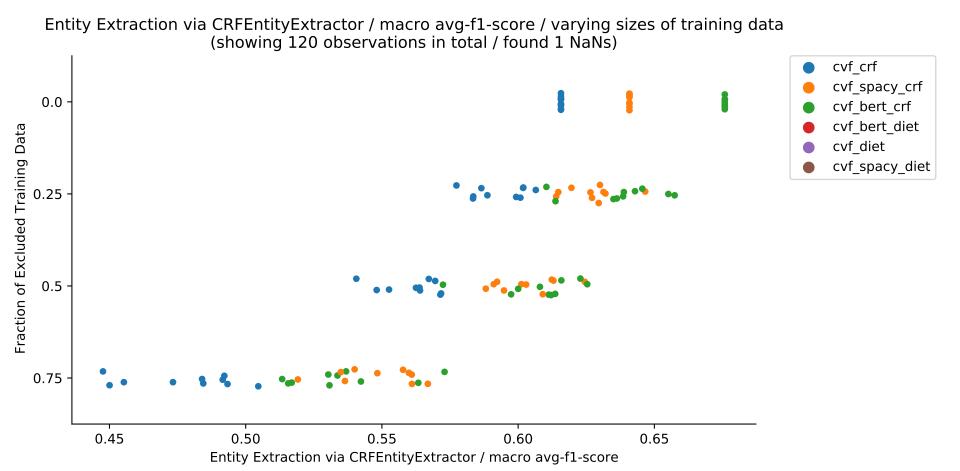


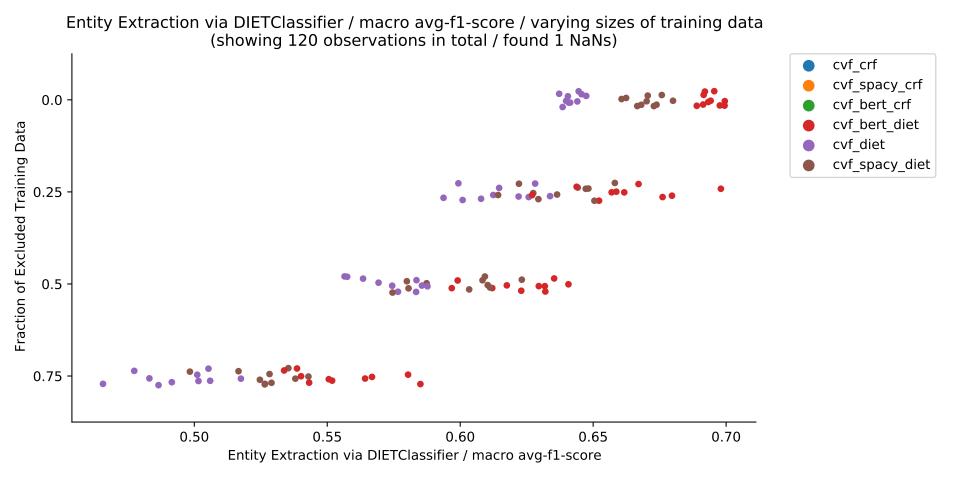


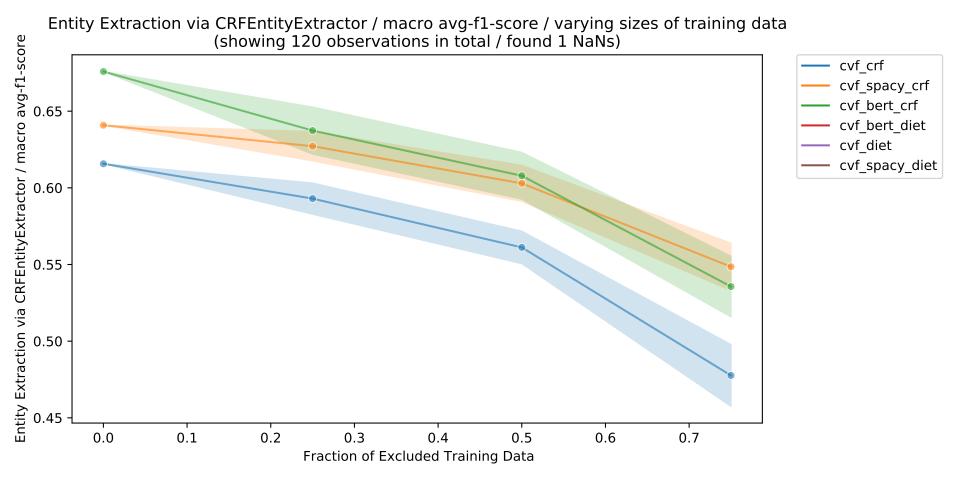
Entity Extraction via DIETClassifier / micro avg-precision / varying sizes of training data (showing 120 observations in total / found 1 NaNs)











Entity Extraction via DIETClassifier / macro avg-f1-score / varying sizes of training data (showing 120 observations in total / found 1 NaNs) cvf\_crf 0.70 cvf\_spacy\_crf cvf\_bert\_crf cvf\_bert\_diet 0.65 cvf diet cvf\_spacy\_diet 0.60 -0.55 -0.50

0.5

0.7

0.6

0.3

0.4

Fraction of Excluded Training Data

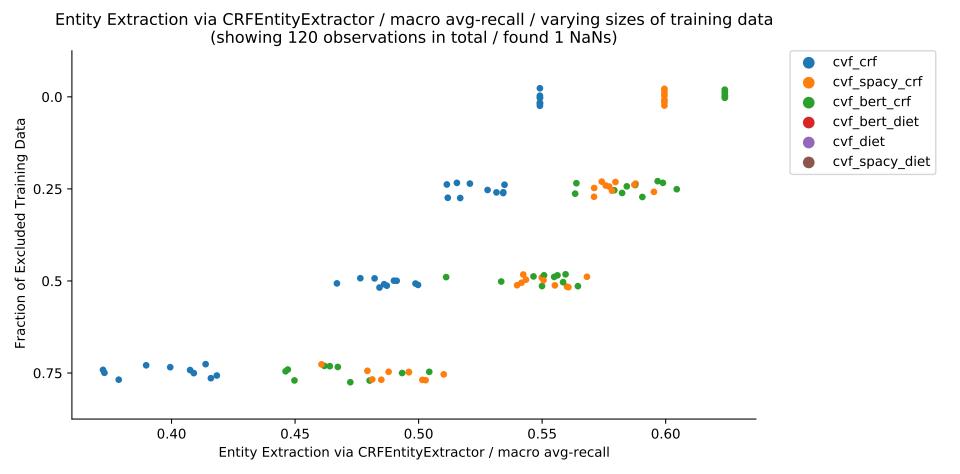
0.2

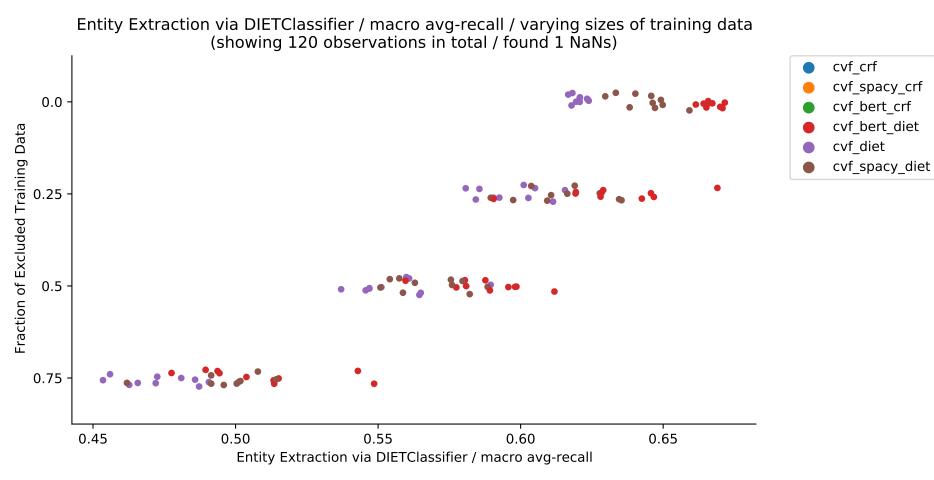
DIETClassifier / macro avg-f1-score

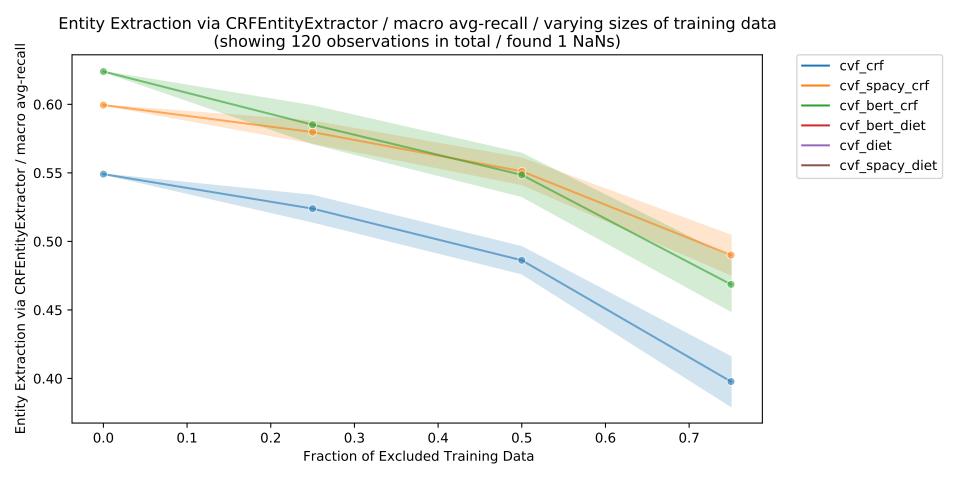
Entity Extraction via

0.0

0.1







Entity Extraction via DIETClassifier / macro avg-recall / varying sizes of training data (showing 120 observations in total / found 1 NaNs) cvf\_crf cvf\_spacy\_crf 0.65 cvf\_bert\_crf cvf\_bert\_diet cvf diet cvf\_spacy\_diet 0.60 -0.55 0.50 0.3 0.7 0.1 0.2 0.4 0.5 0.6 0.0

Fraction of Excluded Training Data

Entity Extraction via DIETClassifier / macro avg-recall

