Disambiguation

For this assignment, I have used the English ATIS treebank.
I have implemented two POS taggers:
- UDpipe
- Perceptron-based tagger

Evaluation metric used for comparison: Universal POS (UPOS)

On inspecting the output file generated by the two taggers, I observed that the two taggers are generating similar POS tags for each word which is also indicated by a similar UPOS score.

UDpipe

Metrics	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	98.80	98.80	98.80	98.80
XPOS	100.00	100.00	100.00	100.00
Feats	98.47	98.47	98.47	98.47
AllTags	97.96	97.96	97.96	97.96
Lemmas	99.41	99.41	99.41	99.41
UAS	100.00	100.00	100.00	100.00
LAS	100.00	100.00	100.00	100.00

Perceptron

Metrics	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	98.59	98.59	98.59	98.59
XPOS	100.00	100.00	100.00	100.00
Feats	100.00	100.00	100.00	100.00
AllTags	98.59	98.59	98.59	98.59
Lemmas	100.00	100.00	100.00	100.00
UAS	100.00	100.00	100.00	100.00
LAS	100.00	100.00	100.00	100.00