

```

gusjembda@GU.GU.SE@mltgc ~ - + v
(grankit_amh) gusjembda@GU.GU.SE@mltgc:~/MLT-Thesis-Trankit$ python3 train_parser_amh1.py
Setting up training config...
Loaded 21 examples from:
(i) ./amh_att-ud-1302-train.txt
(ii) ./amh_att-ud-1302-train.conllu
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Loaded 3 examples from:
(i) ./amh_att-ud-1302-dev.txt
(ii) ./amh_att-ud-1302-dev.conllu
-----
/home/gusjembda@GU.GU.SE/.conda/envs/trankit_amh/lib/python3.10/site-packages/adapters/composition.py:225: FutureWarning: Passing list objects for adapter activation is deprecated. Please use Stack or Fuse explicitly.
  warnings.warn(
/home/gusjembda@GU.GU.SE/.conda/envs/trankit_amh/lib/python3.10/site-packages/transformers/optimization.py:591: FutureWarning: This implementation of AdamW is deprecated and will be removed in a future version. Use the PyTorch implementation torch.optim.AdamW instead, or set `no_deprecation_warning=True` to disable this warning
  warnings.warn(
*****
Tokenizer: Epoch: 0
Train 0: 6it [00:12,  2.13s/it]
dev 0: 100% | 1/1 [00:00<00:00,  1.73it/s]
Saving adapter weights to ... ./amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)
----- Best dev CoNLLu score: epoch 0 -----
Metric | Precision | Recall | F1 Score | AlignndAcc
-----+-----+-----+-----+-----+
Tokens | 0.00 | 0.00 | 0.00 |
Sentences | 83.00 | 63.85 | 72.17 |
Words | 0.00 | 0.00 | 0.00 |
UPOS | 0.00 | 0.00 | 0.00 | 0.00
XPOS | 0.00 | 0.00 | 0.00 | 0.00
UFeats | 0.00 | 0.00 | 0.00 | 0.00
AllTags | 0.00 | 0.00 | 0.00 | 0.00
Lemmas | 0.00 | 0.00 | 0.00 | 0.00
UAS | 0.00 | 0.00 | 0.00 | 0.00
LAS | 0.00 | 0.00 | 0.00 | 0.00
CLAS | 0.00 | 0.00 | 0.00 | 0.00
MLAS | 0.00 | 0.00 | 0.00 | 0.00
BLEX | 0.00 | 0.00 | 0.00 | 0.00
-----
***** 
Tokenizer: Epoch: 1
Train 1: 6it [00:10,  1.78s/it]
dev 1: 100% | 1/1 [00:00<00:00,  1.84it/s]
Saving adapter weights to ... ./amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)
----- Best dev CoNLLu score: epoch 1 -----
Metric | Precision | Recall | F1 Score | AlignndAcc
-----+-----+-----+-----+-----+
Tokens | 51.43 | 22.93 | 31.72 |
Sentences | 96.95 | 97.69 | 97.32 |
Words | 46.43 | 10.93 | 17.70 |
UPOS | 0.00 | 0.00 | 0.00 | 0.00
XPOS | 0.00 | 0.00 | 0.00 | 0.00
UFeats | 46.43 | 10.93 | 17.70 | 100.00
AllTags | 0.00 | 0.00 | 0.00 | 0.00
Lemmas | 0.00 | 0.00 | 0.00 | 0.00
UAS | 0.00 | 0.00 | 0.00 | 0.00
LAS | 0.00 | 0.00 | 0.00 | 0.00
CLAS | 0.00 | 0.00 | 0.00 | 0.00
MLAS | 0.00 | 0.00 | 0.00 | 0.00
BLEX | 0.00 | 0.00 | 0.00 | 0.00

```

Tokenizer: Epoch: 2

Train 2: 6it [00:09, 1.58s/it]

dev 2: 100% | 1/1 [00:00<00:00, 1.84it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 2 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	79.84	64.33	71.25	
Sentences	96.24	98.46	97.34	
Words	39.92	16.99	23.83	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	37.55	15.98	22.42	94.06
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.79	0.34	0.47	1.98
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 3

Train 3: 6it [00:09, 1.60s/it]

dev 3: 100% | 1/1 [00:00<00:00, 1.91it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 3 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	93.52	89.65	91.54	
Sentences	97.73	99.23	98.47	
Words	46.01	23.30	30.93	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	42.19	21.36	28.36	91.70
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.33	0.67	0.89	2.89
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 4

Train 4: 6it [00:09, 1.66s/it]

dev 4: 100% | 1/1 [00:00<00:00, 1.88it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 4 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
--------	-----------	--------	----------	------------

Tokens	95.24	95.54	95.39	
Sentences	97.73	99.23	98.47	
Words	47.30	25.06	32.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	43.02	22.79	29.80	90.94
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.43	0.76	0.99	3.02
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00

MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 5

Train 5: 6it [00:09, 1.59s/it]

dev 5: 100% | 1/1 [00:00<00:00, 1.88it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 5 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	96.04	96.66	96.35	
Sentences	97.73	99.23	98.47	
Words	47.94	25.48	33.28	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	43.67	23.21	30.31	91.09
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.58	0.84	1.10	3.30
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 6

Train 6: 6it [00:09, 1.62s/it]

dev 6: 100% | 1/1 [00:00<00:00, 1.90it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 6 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	97.31	97.93	97.62	
Sentences	97.73	99.23	98.47	
Words	48.10	25.57	33.39	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	43.67	23.21	30.31	90.79
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.74	0.93	1.21	3.62
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 7

Train 7: 6it [00:09, 1.65s/it]

dev 7: 100% | 1/1 [00:00<00:00, 1.90it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 7 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	97.63	98.25	97.94	
Sentences	100.00	100.00	100.00	
Words	48.10	25.57	33.39	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	43.67	23.21	30.31	90.79
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00

UAS	1.74	0.93	1.21	3.62
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 8

Train 8: 6it [00:10, 1.73s/it]

dev 8: 100%|██████████| 1/1 [00:00<00:00, 1.68it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 8 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.57	98.73	98.65	
Sentences	100.00	100.00	100.00	
Words	48.33	25.57	33.44	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	43.88	23.21	30.36	90.79
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.62
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 9

Train 9: 6it [00:10, 1.79s/it]

dev 9: 100%|██████████| 1/1 [00:00<00:00, 1.72it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 9 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.73	98.89	98.81	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 10

Train 10: 6it [00:11, 1.89s/it]

dev 10: 100%|██████████| 1/1 [00:00<00:00, 1.64it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 10 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	97.95	98.73	98.33	
Sentences	100.00	100.00	100.00	
Words	48.50	25.82	33.70	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.08	23.47	30.63	90.88

AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.74	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 11

Train 11: 6it [00:10, 1.77s/it]

dev 11: 100% | 1/1 [00:00<00:00, 1.71it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 11 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.52	99.52	99.52	
Sentences	100.00	100.00	100.00	
Words	48.89	25.82	33.79	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.43	23.47	30.71	90.88
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 12

Train 12: 6it [00:10, 1.79s/it]

dev 12: 100% | 1/1 [00:00<00:00, 1.80it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 12 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.88	98.73	98.80	
Sentences	100.00	100.00	100.00	
Words	48.96	25.82	33.81	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.66	23.55	30.84	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 13

Train 13: 6it [00:10, 1.80s/it]

dev 13: 100% | 1/1 [00:00<00:00, 1.73it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 13 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.42	99.20	98.81	
Sentences	100.00	100.00	100.00	
Words	49.45	26.32	34.36	

UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.87	23.89	31.17	90.73
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.90	1.01	1.32	3.83
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 14

Train 14: 6it [00:10, 1.75s/it]

dev 14: 100% | 1/1 [00:00<00:00, 1.74it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 14 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 15

Train 15: 6it [00:10, 1.72s/it]

dev 15: 100% | 1/1 [00:00<00:00, 1.81it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 15 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.57	99.04	98.81	
Sentences	100.00	100.00	100.00	
Words	48.49	25.74	33.63	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.37	23.55	30.77	91.50
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.58	0.84	1.10	3.27
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 16

Train 16: 6it [00:10, 1.79s/it]

dev 16: 100% | 1/1 [00:00<00:00, 1.76it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 16 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.57	99.04	98.81	
Sentences	100.00	100.00	100.00	
Words	48.49	25.74	33.63	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.37	23.55	30.77	91.50
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.58	0.84	1.10	3.27
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokens	98.89	99.20	99.05	
Sentences	100.00	100.00	100.00	
Words	48.57	25.74	33.64	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.44	23.55	30.79	91.50
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.59	0.84	1.10	3.27
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 17

Train 17: 6it [00:10, 1.75s/it]

dev 17: 100% | 1/1 [00:00<00:00, 1.77it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 17 -----

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	99.36	99.20	99.28	
Sentences	100.00	100.00	100.00	
Words	48.96	25.82	33.81	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.66	23.55	30.84	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 18

Train 18: 6it [00:10, 1.75s/it]

dev 18: 100% | 1/1 [00:00<00:00, 1.77it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 18 -----

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 19

Train 19: 6it [00:10, 1.82s/it]

dev 19: 100% | 1/1 [00:00<00:00, 1.76it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

Best dev CoNLLu score: epoch 19					
Metric	Precision	Recall	F1 Score	AligndAcc	
Tokens	99.21	99.36	99.28		
Sentences	100.00	100.00	100.00		
Words	48.81	25.82	33.77		
UPOS	0.00	0.00	0.00	0.00	
XPOS	0.00	0.00	0.00	0.00	
UFeats	44.52	23.55	30.80	91.21	
AllTags	0.00	0.00	0.00	0.00	
Lemmas	0.00	0.00	0.00	0.00	
UAS	1.75	0.93	1.21	3.58	
LAS	0.00	0.00	0.00	0.00	
CLAS	0.00	0.00	0.00	0.00	
MLAS	0.00	0.00	0.00	0.00	
BLEX	0.00	0.00	0.00	0.00	

Tokenizer: Epoch: 20										
Train 20: 6it [00:10, 1.77s/it]	dev 20: 100% 1/1 [00:00<00:00, 1.74it/s]									
Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)										
Best dev CoNLLu score: epoch 20										
Metric	Precision	Recall	F1 Score	AligndAcc						
Tokens	99.21	99.36	99.28							
Sentences	100.00	100.00	100.00							
Words	48.81	25.82	33.77							
UPOS	0.00	0.00	0.00	0.00						
XPOS	0.00	0.00	0.00	0.00						
UFeats	44.52	23.55	30.80	91.21						
AllTags	0.00	0.00	0.00	0.00						
Lemmas	0.00	0.00	0.00	0.00						
UAS	1.75	0.93	1.21	3.58						
LAS	0.00	0.00	0.00	0.00						
CLAS	0.00	0.00	0.00	0.00						
MLAS	0.00	0.00	0.00	0.00						
BLEX	0.00	0.00	0.00	0.00						

Tokenizer: Epoch: 21										
Train 21: 6it [00:10, 1.76s/it]	dev 21: 100% 1/1 [00:00<00:00, 1.70it/s]									
Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)										
Best dev CoNLLu score: epoch 21										
Metric	Precision	Recall	F1 Score	AligndAcc						
Tokens	99.84	99.68	99.76							
Sentences	100.00	100.00	100.00							
Words	48.80	25.74	33.70							
UPOS	0.00	0.00	0.00	0.00						
XPOS	0.00	0.00	0.00	0.00						
UFeats	44.50	23.47	30.73	91.18						
AllTags	0.00	0.00	0.00	0.00						
Lemmas	0.00	0.00	0.00	0.00						
UAS	1.75	0.93	1.21	3.59						
LAS	0.00	0.00	0.00	0.00						
CLAS	0.00	0.00	0.00	0.00						
MLAS	0.00	0.00	0.00	0.00						
BLEX	0.00	0.00	0.00	0.00						

Tokenizer: Epoch: 22					
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Train 22: 6it [00:10, 1.75s/it]
 dev 22: 100% | 1/1 [00:00<00:00, 1.73it/s]
 Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)
 ----- Best dev CoNLLu score: epoch 22-----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.52	99.52	99.52	
Sentences	100.00	100.00	100.00	
Words	48.89	25.82	33.79	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.59	23.55	30.82	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

 Tokenizer: Epoch: 23
 Train 23: 6it [00:10, 1.82s/it]
 dev 23: 100% | 1/1 [00:00<00:00, 1.73it/s]
 Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)
 ----- Best dev CoNLLu score: epoch 23-----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

 Tokenizer: Epoch: 24
 Train 24: 6it [00:10, 1.81s/it]
 dev 24: 100% | 1/1 [00:00<00:00, 1.61it/s]
 Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)
 ----- Best dev CoNLLu score: epoch 24-----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 25

Train 25: 6it [00:11, 1.88s/it]

dev 25: 100% | 1/1 [00:00<00:00, 1.62it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 25 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 26

Train 26: 6it [00:12, 2.04s/it]

dev 26: 100% | 1/1 [00:00<00:00, 1.58it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 26 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 27

Train 27: 6it [00:11, 1.91s/it]

dev 27: 100% | 1/1 [00:00<00:00, 1.84it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 27 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	98.57	99.04	98.81	
Sentences	100.00	100.00	100.00	
Words	48.65	25.82	33.74	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.37	23.55	30.77	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.74	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00

MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 28

Train 28: 6it [00:10, 1.74s/it]

dev 28: 100%|██████████| 1/1 [00:00<00:00, 1.83it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 28 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.89	99.20	99.05	
Sentences	100.00	100.00	100.00	
Words	48.73	25.82	33.75	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.44	23.55	30.79	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 29

Train 29: 6it [00:10, 1.75s/it]

dev 29: 100%|██████████| 1/1 [00:00<00:00, 1.87it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 29 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.89	99.20	99.05	
Sentences	100.00	100.00	100.00	
Words	48.73	25.82	33.75	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.44	23.55	30.79	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 30

Train 30: 6it [00:10, 1.72s/it]

dev 30: 100%|██████████| 1/1 [00:00<00:00, 1.86it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58

LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 31

Train 31: 6it [00:10, 1.70s/it]

dev 31: 100% | 1/1 [00:00<00:00, 1.79it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 32

Train 32: 6it [00:10, 1.73s/it]

dev 32: 100% | 1/1 [00:00<00:00, 1.76it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 33

Train 33: 6it [00:10, 1.67s/it]

dev 33: 100% | 1/1 [00:00<00:00, 1.80it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.26	98.89	98.57	
Sentences	100.00	100.00	100.00	
Words	48.58	25.82	33.72	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.30	23.55	30.75	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.74	0.93	1.21	3.58

LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 34

Train 34: 6it [00:10, 1.70s/it]

dev 34: 100% | 1/1 [00:00<00:00, 1.83it/s]

Metric	Best dev CoNLLu score: epoch 30			
	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.89	99.20	99.05	
Sentences	100.00	100.00	100.00	
Words	48.73	25.82	33.75	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.44	23.55	30.79	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 35

Train 35: 6it [00:10, 1.75s/it]

dev 35: 100% | 1/1 [00:00<00:00, 1.85it/s]

Metric	Best dev CoNLLu score: epoch 30			
	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.57	99.04	98.81	
Sentences	100.00	100.00	100.00	
Words	48.49	25.74	33.63	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.37	23.55	30.77	91.50
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.58	0.84	1.10	3.27
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 36

Train 36: 6it [00:10, 1.70s/it]

dev 36: 100% | 1/1 [00:00<00:00, 1.35it/s]

Metric	Best dev CoNLLu score: epoch 30			
	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.04	99.04	99.04	
Sentences	100.00	100.00	100.00	
Words	48.89	25.82	33.79	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.59	23.55	30.82	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00

UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 37

Train 37: 6it [00:09, 1.66s/it]

dev 37: 100% | 1/1 [00:00<00:00, 1.82it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.57	99.04	98.81	
Sentences	100.00	100.00	100.00	
Words	48.65	25.82	33.74	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.37	23.55	30.77	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.74	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 38

Train 38: 6it [00:09, 1.66s/it]

dev 38: 100% | 1/1 [00:00<00:00, 1.86it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 39

Train 39: 6it [00:10, 1.76s/it]

dev 39: 100% | 1/1 [00:00<00:00, 1.88it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00

CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 40

Train 40: 6it [00:09, 1.66s/it]

dev 40: 100% | 1/1 [00:00<00:00, 1.85it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.26	98.89	98.57	
Sentences	100.00	100.00	100.00	
Words	48.89	25.99	33.94	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.46	23.63	30.86	90.94
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.74	0.93	1.21	3.56
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 41

Train 41: 6it [00:10, 1.69s/it]

dev 41: 100% | 1/1 [00:00<00:00, 1.85it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 42

Train 42: 6it [00:10, 1.67s/it]

dev 42: 100% | 1/1 [00:00<00:00, 1.88it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58

LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 43

Train 43: 6it [00:09, 1.61s/it]

dev 43: 100% | 1/1 [00:00<00:00, 1.90it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.89	99.20	99.05	
Sentences	100.00	100.00	100.00	
Words	48.73	25.82	33.75	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.44	23.55	30.79	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 44

Train 44: 6it [00:09, 1.64s/it]

dev 44: 100% | 1/1 [00:00<00:00, 1.89it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 45

Train 45: 6it [00:09, 1.64s/it]

dev 45: 100% | 1/1 [00:00<00:00, 1.92it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00

CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 46

Train 46: 6it [00:09, 1.60s/it]

dev 46: 100% | 1/1 [00:00<00:00, 1.91it/s]

-- Best dev CoNLLu score: epoch 30 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 47

Train 47: 6it [00:09, 1.59s/it]

dev 47: 100% | 1/1 [00:00<00:00, 1.89it/s]

-- Best dev CoNLLu score: epoch 30 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.04	99.04	99.04	
Sentences	100.00	100.00	100.00	
Words	48.73	25.74	33.68	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.59	23.55	30.82	91.50
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.59
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 48

Train 48: 6it [00:09, 1.63s/it]

dev 48: 100% | 1/1 [00:00<00:00, 1.84it/s]

-- Best dev CoNLLu score: epoch 30 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00

CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 49

Train 49: 6it [00:09, 1.60s/it]

dev 49: 100% | 1/1 [00:00<00:00, 1.88it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 50

Train 50: 6it [00:09, 1.63s/it]

dev 50: 100% | 1/1 [00:00<00:00, 1.69it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 51

Train 51: 6it [00:09, 1.63s/it]

dev 51: 100% | 1/1 [00:00<00:00, 1.87it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00

MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 52

Train 52: 6it [00:10, 1.68s/it]

dev 52: 100% | 1/1 [00:00<00:00, 1.90it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 53

Train 53: 6it [00:09, 1.61s/it]

dev 53: 100% | 1/1 [00:00<00:00, 1.76it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 54

Train 54: 6it [00:10, 1.67s/it]

dev 54: 100% | 1/1 [00:00<00:00, 1.79it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00

MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 55

Train 55: 6it [00:10, 1.71s/it]

dev 55: 100%|██████████| 1/1 [00:00<00:00, 1.84it/s]

-- Best dev CoNLLu score: epoch 30 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 56

Train 56: 6it [00:10, 1.71s/it]

dev 56: 100%|██████████| 1/1 [00:00<00:00, 1.77it/s]

-- Best dev CoNLLu score: epoch 30 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 57

Train 57: 6it [00:10, 1.72s/it]

dev 57: 100%|██████████| 1/1 [00:00<00:00, 1.68it/s]

-- Best dev CoNLLu score: epoch 30 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00

BLEX | 0.00 | 0.00 | 0.00 | 0.00

Tokenizer: Epoch: 58

Train 58: 6it [00:10, 1.72s/it]

dev 58: 100% | 1/1 [00:00<00:00, 1.72it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 59

Train 59: 6it [00:10, 1.75s/it]

dev 59: 100% | 1/1 [00:00<00:00, 1.69it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 60

Train 60: 6it [00:11, 1.97s/it]

dev 60: 100% | 1/1 [00:00<00:00, 1.65it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00

BLEX | 0.00 | 0.00 | 0.00 | 0.00

Tokenizer: Epoch: 61

Train 61: 6it [00:11, 1.90s/it]

dev 61: 100% | 1/1 [00:00<00:00, 1.72it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 62

Train 62: 6it [00:11, 1.94s/it]

dev 62: 100% | 1/1 [00:00<00:00, 1.50it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 63

Train 63: 6it [00:11, 1.93s/it]

dev 63: 100% | 1/1 [00:00<00:00, 1.67it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00

MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 64

Train 64: 6it [00:11, 1.86s/it]

dev 64: 100%|██████████| 1/1 [00:00<00:00, 1.64it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 65

Train 65: 6it [00:11, 1.87s/it]

dev 65: 100%|██████████| 1/1 [00:00<00:00, 1.67it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 66

Train 66: 6it [00:11, 1.88s/it]

dev 66: 100%|██████████| 1/1 [00:00<00:00, 1.59it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00

BLEX | 0.00 | 0.00 | 0.00 | 0.00

Tokenizer: Epoch: 67

Train 67: 6it [00:12, 2.08s/it]

dev 67: 100% | 1/1 [00:00<00:00, 1.27it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
ALLTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 68

Train 68: 6it [00:12, 2.07s/it]

dev 68: 100% | 1/1 [00:00<00:00, 1.56it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
ALLTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 69

Train 69: 6it [00:11, 1.96s/it]

dev 69: 100% | 1/1 [00:00<00:00, 1.56it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
ALLTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 70

Train 70: 6it [00:11, 1.98s/it]

dev 70: 100% | 1/1 [00:00<00:00, 1.55it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 71

Train 71: 6it [00:11, 1.91s/it]

dev 71: 100% | 1/1 [00:00<00:00, 1.69it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 72

Train 72: 6it [00:11, 1.90s/it]

dev 72: 100% | 1/1 [00:00<00:00, 1.59it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 73

Train 73: 6it [00:11, 1.92s/it]

dev 73: 100% | 1/1 [00:00<00:00, 1.65it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 74

Train 74: 6it [00:11, 1.89s/it]

dev 74: 100% | 1/1 [00:00<00:00, 1.70it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 75

Train 75: 6it [00:11, 1.90s/it]

dev 75: 100% | 1/1 [00:00<00:00, 1.65it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 76

Train 76: 6it [00:11, 1.94s/it]

dev 76: 100% | 1/1 [00:00<00:00, 1.71it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 77

Train 77: 6it [00:11, 1.89s/it]

dev 77: 100% | 1/1 [00:00<00:00, 1.66it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 78

Train 78: 6it [00:11, 1.93s/it]

dev 78: 100% | 1/1 [00:00<00:00, 1.59it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 79

Train 79: 6it [00:11, 1.97s/it]

dev 79: 100% | 1/1 [00:00<00:00, 1.58it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 80

Train 80: 6it [00:11, 1.91s/it]

dev 80: 100% | 1/1 [00:00<00:00, 1.62it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 81

Train 81: 6it [00:11, 1.94s/it]

dev 81: 100% | 1/1 [00:00<00:00, 1.63it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 82

Train 82: 6it [00:11, 1.91s/it]

dev 82: 100% | 1/1 [00:00<00:00, 1.62it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 83

Train 83: 6it [00:11, 1.98s/it]

dev 83: 100% | 1/1 [00:00<00:00, 1.60it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 84

Train 84: 6it [00:11, 1.88s/it]

dev 84: 100% | 1/1 [00:00<00:00, 1.72it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 85
Train 85: 6it [00:11, 1.91s/it]

dev 85: 100% | 1/1 [00:00<00:00, 1.56it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 86

Train 86: 6it [00:11, 1.90s/it]

dev 86: 100% | 1/1 [00:00<00:00, 1.55it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 87

Train 87: 6it [00:12, 2.07s/it]

dev 87: 100% | 1/1 [00:00<00:00, 1.53it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 88				
Train 88: 6it [00:12, 2.08s/it]				
dev 88: 100%				1/1 [00:00<00:00, 1.46it/s]
----- Best dev CoNLLu score: epoch 30 -----				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 89				
Train 89: 6it [00:12, 2.05s/it]				
dev 89: 100%				1/1 [00:00<00:00, 1.61it/s]
----- Best dev CoNLLu score: epoch 30 -----				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 90				
Train 90: 6it [00:11, 1.86s/it]				
dev 90: 100%				1/1 [00:00<00:00, 1.65it/s]
----- Best dev CoNLLu score: epoch 30 -----				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 91
Train 91: 6it [00:10, 1.82s/it]
dev 91: 100% | ██████████ | 1/1 [00:00<00:00, 1.64it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 92
Train 92: 6it [00:10, 1.83s/it]
dev 92: 100% | ██████████ | 1/1 [00:00<00:00, 1.64it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 93
Train 93: 6it [00:10, 1.82s/it]
dev 93: 100% | ██████████ | 1/1 [00:00<00:00, 1.76it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Best dev CoNLLu score: epoch 30				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 95				
Train 95: 6it [00:10, 1.82s/it]				
dev 95: 100%	1/1 [00:00<00:00, 1.82it/s]			
Best dev CoNLLu score: epoch 30				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 96				
Train 96: 6it [00:10, 1.68s/it]				
dev 96: 100%	1/1 [00:00<00:00, 1.83it/s]			
Best dev CoNLLu score: epoch 30				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Tokenizer: Epoch: 97
 Train 97: 6it [00:09, 1.65s/it]
 dev 97: 100% | ██████████ | 1/1 [00:00<00:00, 1.81it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

 Tokenizer: Epoch: 98
 Train 98: 6it [00:10, 1.73s/it]
 dev 98: 100% | ██████████ | 1/1 [00:00<00:00, 1.73it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

 Tokenizer: Epoch: 99
 Train 99: 6it [00:10, 1.70s/it]
 dev 99: 100% | ██████████ | 1/1 [00:00<00:00, 1.76it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	48.81	25.82	33.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.52	23.55	30.80	91.21
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.75	0.93	1.21	3.58
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Setting up training config...
 Initialized MWT trainer

```
Training dictionary-based MWT expander...
Dev F1 = 59.45
Training seq2seq-based MWT expander...
Train 1: 100%|██████████| 52/52 [00:02<00:00, 20.06it/s]
epoch 1: train_loss = 4.043712, dev_score = 0.3941
new best model saved.
Train 2: 100%|██████████| 52/52 [00:02<00:00, 19.63it/s]
epoch 2: train_loss = 3.155045, dev_score = 0.3081
Train 3: 100%|██████████| 52/52 [00:02<00:00, 19.67it/s]
epoch 3: train_loss = 2.727094, dev_score = 0.3315
Train 4: 100%|██████████| 52/52 [00:02<00:00, 20.39it/s]
epoch 4: train_loss = 2.502027, dev_score = 0.3581
Train 5: 100%|██████████| 52/52 [00:02<00:00, 19.52it/s]
epoch 5: train_loss = 2.312004, dev_score = 0.3749
Train 6: 100%|██████████| 52/52 [00:02<00:00, 20.24it/s]
epoch 6: train_loss = 2.152791, dev_score = 0.4038
new best model saved.
Train 7: 100%|██████████| 52/52 [00:02<00:00, 20.99it/s]
epoch 7: train_loss = 2.018680, dev_score = 0.4290
new best model saved.
Train 8: 100%|██████████| 52/52 [00:02<00:00, 19.85it/s]
epoch 8: train_loss = 1.904105, dev_score = 0.4506
new best model saved.
Train 9: 100%|██████████| 52/52 [00:02<00:00, 19.74it/s]
epoch 9: train_loss = 1.783472, dev_score = 0.4788
new best model saved.
Train 10: 100%|██████████| 52/52 [00:02<00:00, 19.86it/s]
epoch 10: train_loss = 1.661405, dev_score = 0.4960
new best model saved.
Train 11: 100%|██████████| 52/52 [00:02<00:00, 18.72it/s]
epoch 11: train_loss = 1.538408, dev_score = 0.5158
new best model saved.
Train 12: 100%|██████████| 52/52 [00:02<00:00, 19.80it/s]
epoch 12: train_loss = 1.415547, dev_score = 0.5325
new best model saved.
Train 13: 100%|██████████| 52/52 [00:02<00:00, 19.86it/s]
epoch 13: train_loss = 1.301352, dev_score = 0.5605
new best model saved.
Train 14: 100%|██████████| 52/52 [00:02<00:00, 19.45it/s]
epoch 14: train_loss = 1.196788, dev_score = 0.5853
new best model saved.
Train 15: 100%|██████████| 52/52 [00:02<00:00, 19.92it/s]
epoch 15: train_loss = 1.093756, dev_score = 0.6083
new best model saved.
Train 16: 100%|██████████| 52/52 [00:02<00:00, 19.63it/s]
epoch 16: train_loss = 1.020483, dev_score = 0.6278
new best model saved.
Train 17: 100%|██████████| 52/52 [00:02<00:00, 19.52it/s]
epoch 17: train_loss = 0.932229, dev_score = 0.6523
new best model saved.
Train 18: 100%|██████████| 52/52 [00:02<00:00, 19.63it/s]
epoch 18: train_loss = 0.864552, dev_score = 0.6779
new best model saved.
Train 19: 100%|██████████| 52/52 [00:02<00:00, 19.71it/s]
epoch 19: train_loss = 0.804946, dev_score = 0.7082
new best model saved.
Train 20: 100%|██████████| 52/52 [00:02<00:00, 19.53it/s]
epoch 20: train_loss = 0.750822, dev_score = 0.7052
Train 21: 100%|██████████| 52/52 [00:02<00:00, 19.55it/s]
epoch 21: train_loss = 0.718926, dev_score = 0.7053
Train 22: 100%|██████████| 52/52 [00:02<00:00, 19.69it/s]
epoch 22: train_loss = 0.664596, dev_score = 0.7186
new best model saved.
```

```
Train 23: 100%|██████████| 52/52 [00:02<00:00, 19.69it/s]
epoch 23: train_loss = 0.636921, dev_score = 0.7252
new best model saved.
Train 24: 100%|██████████| 52/52 [00:02<00:00, 19.44it/s]
epoch 24: train_loss = 0.602138, dev_score = 0.7226
Train 25: 100%|██████████| 52/52 [00:02<00:00, 19.60it/s]
epoch 25: train_loss = 0.577696, dev_score = 0.7438
new best model saved.
Train 26: 100%|██████████| 52/52 [00:02<00:00, 19.51it/s]
epoch 26: train_loss = 0.553728, dev_score = 0.7328
Train 27: 100%|██████████| 52/52 [00:02<00:00, 19.55it/s]
epoch 27: train_loss = 0.530902, dev_score = 0.7424
Train 28: 100%|██████████| 52/52 [00:02<00:00, 19.51it/s]
epoch 28: train_loss = 0.510164, dev_score = 0.7499
new best model saved.
Train 29: 100%|██████████| 52/52 [00:02<00:00, 19.67it/s]
epoch 29: train_loss = 0.483169, dev_score = 0.7605
new best model saved.
Train 30: 100%|██████████| 52/52 [00:02<00:00, 19.54it/s]
epoch 30: train_loss = 0.465842, dev_score = 0.7461
Train 31: 100%|██████████| 52/52 [00:02<00:00, 19.16it/s]
epoch 31: train_loss = 0.443812, dev_score = 0.7682
new best model saved.
Train 32: 100%|██████████| 52/52 [00:02<00:00, 19.93it/s]
epoch 32: train_loss = 0.434788, dev_score = 0.7665
Train 33: 100%|██████████| 52/52 [00:02<00:00, 19.67it/s]
epoch 33: train_loss = 0.416491, dev_score = 0.7845
new best model saved.
Train 34: 100%|██████████| 52/52 [00:02<00:00, 19.35it/s]
epoch 34: train_loss = 0.408412, dev_score = 0.7872
new best model saved.
Train 35: 100%|██████████| 52/52 [00:02<00:00, 19.53it/s]
epoch 35: train_loss = 0.394173, dev_score = 0.7978
new best model saved.
Train 36: 100%|██████████| 52/52 [00:02<00:00, 19.61it/s]
epoch 36: train_loss = 0.380856, dev_score = 0.7787
Train 37: 100%|██████████| 52/52 [00:02<00:00, 19.82it/s]
epoch 37: train_loss = 0.368328, dev_score = 0.8005
new best model saved.
Train 38: 100%|██████████| 52/52 [00:02<00:00, 19.74it/s]
epoch 38: train_loss = 0.355660, dev_score = 0.7933
Train 39: 100%|██████████| 52/52 [00:02<00:00, 19.66it/s]
epoch 39: train_loss = 0.338536, dev_score = 0.7991
Train 40: 100%|██████████| 52/52 [00:02<00:00, 19.77it/s]
epoch 40: train_loss = 0.331254, dev_score = 0.7991
Train 41: 100%|██████████| 52/52 [00:02<00:00, 19.66it/s]
epoch 41: train_loss = 0.326121, dev_score = 0.8009
new best model saved.
Train 42: 100%|██████████| 52/52 [00:02<00:00, 19.48it/s]
epoch 42: train_loss = 0.324820, dev_score = 0.8065
new best model saved.
Train 43: 100%|██████████| 52/52 [00:02<00:00, 19.54it/s]
epoch 43: train_loss = 0.310098, dev_score = 0.8099
new best model saved.
Train 44: 100%|██████████| 52/52 [00:02<00:00, 19.70it/s]
epoch 44: train_loss = 0.299254, dev_score = 0.8020
Train 45: 100%|██████████| 52/52 [00:02<00:00, 19.68it/s]
epoch 45: train_loss = 0.298428, dev_score = 0.8082
Train 46: 100%|██████████| 52/52 [00:02<00:00, 19.56it/s]
epoch 46: train_loss = 0.290565, dev_score = 0.8175
new best model saved.
Train 47: 100%|██████████| 52/52 [00:02<00:00, 19.60it/s]
epoch 47: train_loss = 0.285293, dev_score = 0.8176
```

```
new best model saved.
Train 48: 100%|██████████| 52/52 [00:02<00:00, 19.84it/s]
epoch 48: train_loss = 0.269688, dev_score = 0.8103
Train 49: 100%|██████████| 52/52 [00:02<00:00, 19.38it/s]
epoch 49: train_loss = 0.273438, dev_score = 0.8141
Train 50: 100%|██████████| 52/52 [00:02<00:00, 19.83it/s]
epoch 50: train_loss = 0.264485, dev_score = 0.8196
new best model saved.
Train 51: 100%|██████████| 52/52 [00:02<00:00, 19.41it/s]
epoch 51: train_loss = 0.266024, dev_score = 0.8187
Train 52: 100%|██████████| 52/52 [00:02<00:00, 19.61it/s]
epoch 52: train_loss = 0.248350, dev_score = 0.8282
new best model saved.
Train 53: 100%|██████████| 52/52 [00:02<00:00, 19.68it/s]
epoch 53: train_loss = 0.249007, dev_score = 0.8338
new best model saved.
Train 54: 100%|██████████| 52/52 [00:02<00:00, 19.83it/s]
epoch 54: train_loss = 0.239159, dev_score = 0.8296
Train 55: 100%|██████████| 52/52 [00:02<00:00, 19.75it/s]
epoch 55: train_loss = 0.235506, dev_score = 0.8101
Train 56: 100%|██████████| 52/52 [00:02<00:00, 19.80it/s]
epoch 56: train_loss = 0.241466, dev_score = 0.8268
Train 57: 100%|██████████| 52/52 [00:02<00:00, 19.54it/s]
epoch 57: train_loss = 0.228269, dev_score = 0.8324
Train 58: 100%|██████████| 52/52 [00:02<00:00, 19.62it/s]
epoch 58: train_loss = 0.226270, dev_score = 0.8341
new best model saved.
Train 59: 100%|██████████| 52/52 [00:02<00:00, 19.64it/s]
epoch 59: train_loss = 0.219915, dev_score = 0.8276
Train 60: 100%|██████████| 52/52 [00:02<00:00, 19.81it/s]
epoch 60: train_loss = 0.212456, dev_score = 0.8304
Train 61: 100%|██████████| 52/52 [00:02<00:00, 19.59it/s]
epoch 61: train_loss = 0.205815, dev_score = 0.8359
new best model saved.
Train 62: 100%|██████████| 52/52 [00:02<00:00, 19.48it/s]
epoch 62: train_loss = 0.211592, dev_score = 0.8232
Train 63: 100%|██████████| 52/52 [00:02<00:00, 19.77it/s]
epoch 63: train_loss = 0.202339, dev_score = 0.8377
new best model saved.
Train 64: 100%|██████████| 52/52 [00:02<00:00, 19.48it/s]
epoch 64: train_loss = 0.199735, dev_score = 0.8292
Train 65: 100%|██████████| 52/52 [00:02<00:00, 19.63it/s]
epoch 65: train_loss = 0.197823, dev_score = 0.8326
Train 66: 100%|██████████| 52/52 [00:02<00:00, 19.75it/s]
epoch 66: train_loss = 0.189875, dev_score = 0.8376
Train 67: 100%|██████████| 52/52 [00:02<00:00, 19.78it/s]
epoch 67: train_loss = 0.194578, dev_score = 0.8364
Train 68: 100%|██████████| 52/52 [00:02<00:00, 19.47it/s]
epoch 68: train_loss = 0.189592, dev_score = 0.8258
Train 69: 100%|██████████| 52/52 [00:02<00:00, 19.60it/s]
epoch 69: train_loss = 0.184927, dev_score = 0.8320
Train 70: 100%|██████████| 52/52 [00:02<00:00, 19.66it/s]
epoch 70: train_loss = 0.177978, dev_score = 0.8297
Train 71: 100%|██████████| 52/52 [00:02<00:00, 19.77it/s]
epoch 71: train_loss = 0.183093, dev_score = 0.8302
Train 72: 100%|██████████| 52/52 [00:02<00:00, 19.62it/s]
epoch 72: train_loss = 0.176030, dev_score = 0.8378
new best model saved.
Train 73: 100%|██████████| 52/52 [00:02<00:00, 19.46it/s]
epoch 73: train_loss = 0.168934, dev_score = 0.8277
Train 74: 100%|██████████| 52/52 [00:02<00:00, 19.56it/s]
epoch 74: train_loss = 0.167070, dev_score = 0.8378
new best model saved.
```

```

Train 75: 100%|██████████| 52/52 [00:02<00:00, 19.36it/s]
epoch 75: train_loss = 0.169176, dev_score = 0.8229
Train 76: 100%|██████████| 52/52 [00:02<00:00, 19.62it/s]
epoch 76: train_loss = 0.161785, dev_score = 0.8352
Train 77: 100%|██████████| 52/52 [00:02<00:00, 19.84it/s]
epoch 77: train_loss = 0.164157, dev_score = 0.8304
Train 78: 100%|██████████| 52/52 [00:02<00:00, 19.77it/s]
epoch 78: train_loss = 0.160404, dev_score = 0.8423
new best model saved.
Train 79: 100%|██████████| 52/52 [00:02<00:00, 19.81it/s]
epoch 79: train_loss = 0.156079, dev_score = 0.8383
Train 80: 100%|██████████| 52/52 [00:02<00:00, 19.72it/s]
epoch 80: train_loss = 0.154602, dev_score = 0.8442
new best model saved.
Train 81: 100%|██████████| 52/52 [00:02<00:00, 19.61it/s]
epoch 81: train_loss = 0.151454, dev_score = 0.8441
Train 82: 100%|██████████| 52/52 [00:02<00:00, 19.37it/s]
epoch 82: train_loss = 0.146341, dev_score = 0.8436
Train 83: 100%|██████████| 52/52 [00:02<00:00, 19.60it/s]
epoch 83: train_loss = 0.145578, dev_score = 0.8295
Train 84: 100%|██████████| 52/52 [00:02<00:00, 19.71it/s]
epoch 84: train_loss = 0.151166, dev_score = 0.8347
Train 85: 100%|██████████| 52/52 [00:02<00:00, 19.85it/s]
epoch 85: train_loss = 0.139027, dev_score = 0.8396
Train 86: 100%|██████████| 52/52 [00:02<00:00, 19.54it/s]
epoch 86: train_loss = 0.136313, dev_score = 0.8399
Train 87: 100%|██████████| 52/52 [00:02<00:00, 19.59it/s]
epoch 87: train_loss = 0.135922, dev_score = 0.8366
Train 88: 100%|██████████| 52/52 [00:02<00:00, 19.66it/s]
epoch 88: train_loss = 0.140459, dev_score = 0.8347
Train 89: 100%|██████████| 52/52 [00:02<00:00, 19.56it/s]
epoch 89: train_loss = 0.135822, dev_score = 0.8376
Train 90: 100%|██████████| 52/52 [00:02<00:00, 19.64it/s]
epoch 90: train_loss = 0.139103, dev_score = 0.8463
new best model saved.
Train 91: 100%|██████████| 52/52 [00:02<00:00, 19.88it/s]
epoch 91: train_loss = 0.132992, dev_score = 0.8242
Train 92: 100%|██████████| 52/52 [00:02<00:00, 19.88it/s]
epoch 92: train_loss = 0.126908, dev_score = 0.8392
Train 93: 100%|██████████| 52/52 [00:02<00:00, 20.06it/s]
epoch 93: train_loss = 0.128558, dev_score = 0.8349
Train 94: 100%|██████████| 52/52 [00:02<00:00, 20.26it/s]
epoch 94: train_loss = 0.130701, dev_score = 0.8367
Train 95: 100%|██████████| 52/52 [00:02<00:00, 19.97it/s]
epoch 95: train_loss = 0.129176, dev_score = 0.8361
Train 96: 100%|██████████| 52/52 [00:02<00:00, 19.74it/s]
epoch 96: train_loss = 0.130022, dev_score = 0.8395
Train 97: 100%|██████████| 52/52 [00:02<00:00, 19.69it/s]
epoch 97: train_loss = 0.120297, dev_score = 0.8374
Train 98: 100%|██████████| 52/52 [00:02<00:00, 19.77it/s]
epoch 98: train_loss = 0.127408, dev_score = 0.8403
Train 99: 100%|██████████| 52/52 [00:02<00:00, 19.90it/s]
epoch 99: train_loss = 0.118648, dev_score = 0.8442
Train 100: 100%|██████████| 52/52 [00:02<00:00, 19.66it/s]
epoch 100: train_loss = 0.120741, dev_score = 0.8378

```

Training done.

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	0.00	0.00	0.00	0.00

XPOS	0.00	0.00	0.00	0.00
UFeats	50.63	50.80	50.71	59.62
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	16.51	16.57	16.54	19.45
LAS	0.00	0.00	0.00	0.00
CLAS	0.00	0.00	0.00	0.00
MLAS	0.00	0.00	0.00	0.00
BLEX	0.00	0.00	0.00	0.00

Setting up training config...

Loaded 1041 entries from ./amh_att-ud-1302-train.conllu

Loaded 130 entries from ./amharic_1302_pipeline/xlm-roberta-base/customized-mwt/preds/mwt.dev.conllu

/home/gusjembda@GU.GU.SE/.conda/envs/trankit_amh/lib/python3.10/site-packages/adapters/composition.py:225: FutureWarning: Passing list objects for adapter activation is deprecated. Please use Stack or Fuse explicitly.

```
warnings.warn(
```

/home/gusjembda@GU.GU.SE/.conda/envs/trankit_amh/lib/python3.10/site-packages/transformers/optimization.py:591: FutureWarning: This implementation of AdamW is deprecated and will be removed in a future version. Use the PyTorch implementation torch.optim.AdamW instead, or set 'no_deprecation_warning=True' to disable this warning

```
warnings.warn(
```

Posdep tagger: Epoch: 0

Train 0: 66it [00:24, 2.73it/s]

dev 0: 100% | 9/9 [00:01<00:00, 5.02it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 0 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	50.96	51.14	51.05	60.02
XPOS	49.29	49.45	49.37	58.05
UFeats	50.63	50.80	50.71	59.62
AllTags	25.40	25.48	25.44	29.91
Lemmas	0.00	0.00	0.00	0.00
UAS	34.53	34.65	34.59	40.67
LAS	19.45	19.51	19.48	22.90
CLAS	16.16	19.12	17.51	23.87
MLAS	0.87	1.03	0.95	1.29
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 1

Train 1: 66it [00:20, 3.21it/s]

dev 1: 100% | 9/9 [00:01<00:00, 5.29it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 1 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	71.42	71.66	71.54	84.11
XPOS	70.66	70.90	70.78	83.22
UFeats	68.06	68.29	68.18	80.16
AllTags	57.67	57.86	57.77	67.92
Lemmas	0.00	0.00	0.00	0.00
UAS	48.78	48.95	48.87	57.45
LAS	36.63	36.75	36.69	43.14
CLAS	30.47	29.33	29.89	36.61
MLAS	15.17	14.60	14.88	18.23
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 2

Train 2: 66it [00:19, 3.39it/s]

dev 2: 100% | 9/9 [00:01<00:00, 5.19it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 2 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
--------	-----------	--------	----------	------------

Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	77.45	77.71	77.58	91.21
XPOS	76.61	76.87	76.74	90.23
UFeats	73.01	73.25	73.13	85.98
AllTags	67.81	68.04	67.93	79.86
Lemmas	0.00	0.00	0.00	0.00
UAS	52.98	53.15	53.06	62.39
LAS	40.40	40.54	40.47	47.58
CLAS	33.68	33.59	33.64	41.94
MLAS	23.19	23.13	23.16	28.87
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 3

Train 3: 66it [00:19, 3.33it/s]

dev 3: 100% | 9/9 [00:01<00:00, 5.12it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 3 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
--------	-----------	--------	----------	------------

Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	78.63	78.89	78.76	92.60
XPOS	77.12	77.38	77.25	90.82
UFeats	75.10	75.36	75.23	88.45
AllTags	69.99	70.23	70.11	82.43
Lemmas	0.00	0.00	0.00	0.00
UAS	58.42	58.62	58.52	68.81
LAS	45.85	46.01	45.93	54.00
CLAS	40.29	39.66	39.97	49.52
MLAS	29.66	29.20	29.43	36.45
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 4

Train 4: 66it [00:21, 3.09it/s]

dev 4: 100% | 9/9 [00:01<00:00, 5.23it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 4 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	77.95	78.22	78.09	91.81
XPOS	76.45	76.70	76.57	90.03
UFeats	74.60	74.85	74.73	87.86
AllTags	69.57	69.81	69.69	81.93
Lemmas	0.00	0.00	0.00	0.00
UAS	58.26	58.45	58.35	68.61
LAS	46.44	46.59	46.52	54.69
CLAS	40.16	39.79	39.97	49.68

MLAS	29.86	29.59	29.72	36.94
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 5

Train 5: 66it [00:20, 3.18it/s]

dev 5: 100%|██████████| 9/9 [00:01<00:00, 5.29it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 5 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	78.79	79.06	78.93	92.79
XPOS	77.87	78.13	78.00	91.71
UFeats	75.27	75.53	75.40	88.65
AllTags	71.33	71.57	71.45	84.01
Lemmas	0.00	0.00	0.00	0.00
UAS	59.60	59.80	59.70	70.19
LAS	48.53	48.70	48.61	57.16
CLAS	42.84	42.12	42.48	52.58
MLAS	32.98	32.43	32.70	40.48
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 6

Train 6: 66it [00:20, 3.27it/s]

dev 6: 100%|██████████| 9/9 [00:01<00:00, 5.31it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 6 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.46	78.72	78.59	92.40
UFeats	76.53	76.79	76.66	90.13
AllTags	72.84	73.09	72.96	85.78
Lemmas	0.00	0.00	0.00	0.00
UAS	59.85	60.05	59.95	70.48
LAS	49.37	49.54	49.45	58.14
CLAS	43.98	42.51	43.23	53.06
MLAS	34.36	33.20	33.77	41.45
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 7

Train 7: 66it [00:20, 3.27it/s]

dev 7: 100%|██████████| 9/9 [00:01<00:00, 5.23it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 7 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.97	80.24	80.10	94.18
XPOS	79.04	79.31	79.18	93.09
UFeats	76.36	76.62	76.49	89.93
AllTags	73.18	73.42	73.30	86.18
Lemmas	0.00	0.00	0.00	0.00
UAS	61.94	62.15	62.05	72.95

LAS	51.47	51.64	51.55	60.61
CLAS	45.77	44.70	45.23	55.81
MLAS	36.51	35.66	36.08	44.52
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 8

Train 8: 66it [00:20, 3.28it/s]

dev 8: 100% | 9/9 [00:01<00:00, 5.42it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 8 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.54	78.81	78.67	92.50
UFeats	76.11	76.37	76.24	89.63
AllTags	71.84	72.08	71.96	84.60
Lemmas	0.00	0.00	0.00	0.00
UAS	60.27	60.47	60.37	70.98
LAS	50.29	50.46	50.38	59.23
CLAS	45.05	44.06	44.55	55.00
MLAS	36.20	35.40	35.79	44.19
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 9

Train 9: 66it [00:20, 3.20it/s]

dev 9: 100% | 9/9 [00:01<00:00, 5.36it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 9 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.63	78.89	78.76	92.60
UFeats	76.70	76.96	76.83	90.33
AllTags	72.34	72.58	72.46	85.19
Lemmas	0.00	0.00	0.00	0.00
UAS	63.12	63.33	63.22	74.33
LAS	53.73	53.91	53.82	63.28
CLAS	48.36	47.55	47.95	59.35
MLAS	39.68	39.02	39.35	48.71
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 10

Train 10: 66it [00:20, 3.22it/s]

dev 10: 100% | 9/9 [00:01<00:00, 5.44it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 10 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	80.13	80.40	80.27	94.37
XPOS	79.04	79.31	79.18	93.09
UFeats	77.28	77.54	77.41	91.02

AllTags	73.60	73.84	73.72	86.67
Lemmas	0.00	0.00	0.00	0.00
UAS	60.94	61.14	61.04	71.77
LAS	50.54	50.71	50.63	59.53
CLAS	44.21	45.35	44.77	56.61
MLAS	36.27	37.21	36.73	46.45
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 11

Train 11: 66it [00:21, 3.07it/s]

dev 11: 100% | 9/9 [00:01<00:00, 5.22it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 11 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.21	79.48	79.35	93.29
XPOS	78.29	78.55	78.42	92.20
UFeats	77.03	77.29	77.16	90.72
AllTags	73.34	73.59	73.47	86.38
Lemmas	0.00	0.00	0.00	0.00
UAS	61.02	61.23	61.13	71.87
LAS	51.13	51.30	51.22	60.22
CLAS	45.51	44.57	45.04	55.65
MLAS	36.68	35.92	36.29	44.84
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 12

Train 12: 66it [00:22, 2.97it/s]

dev 12: 100% | 9/9 [00:01<00:00, 5.33it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 12 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.54	78.81	78.67	92.50
UFeats	76.95	77.21	77.08	90.62
AllTags	73.34	73.59	73.47	86.38
Lemmas	0.00	0.00	0.00	0.00
UAS	61.27	61.48	61.38	72.16
LAS	52.47	52.65	52.56	61.80
CLAS	46.84	45.99	46.41	57.42
MLAS	37.89	37.21	37.55	46.45
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 13

Train 13: 66it [00:20, 3.15it/s]

dev 13: 100% | 9/9 [00:01<00:00, 5.19it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 13 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.04	79.31	79.18	93.09

XPOS	77.95	78.22	78.09	91.81
UFeats	76.61	76.87	76.74	90.23
AllTags	72.42	72.67	72.54	85.29
Lemmas	0.00	0.00	0.00	0.00
UAS	62.45	62.66	62.55	73.54
LAS	53.73	53.91	53.82	63.28
CLAS	48.74	47.29	48.00	59.03
MLAS	39.15	37.98	38.56	47.42
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 14

Train 14: 66it [00:21, 3.01it/s]

dev 14: 100% | 9/9 [00:01<00:00, 5.12it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 14 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.54	78.81	78.67	92.50
UFeats	77.54	77.80	77.67	91.31
AllTags	74.10	74.35	74.22	87.27
Lemmas	0.00	0.00	0.00	0.00
UAS	61.53	61.73	61.63	72.46
LAS	52.14	52.31	52.23	61.40
CLAS	46.76	45.74	46.24	57.10
MLAS	38.97	38.11	38.54	47.58
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 15

Train 15: 66it [00:20, 3.23it/s]

dev 15: 100% | 9/9 [00:01<00:00, 5.19it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 15 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.04	79.31	79.18	93.09
XPOS	78.21	78.47	78.34	92.10
UFeats	76.19	76.45	76.32	89.73
AllTags	72.17	72.41	72.29	85.00
Lemmas	0.00	0.00	0.00	0.00
UAS	62.03	62.24	62.13	73.05
LAS	52.81	52.99	52.90	62.19
CLAS	48.35	47.42	47.88	59.19
MLAS	37.68	36.95	37.31	46.13
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 16

Train 16: 66it [00:20, 3.15it/s]

dev 16: 100% | 9/9 [00:01<00:00, 5.89it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 16 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	

Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	78.88	79.14	79.01	92.89
XPOS	77.87	78.13	78.00	91.71
UFeats	76.53	76.79	76.66	90.13
AllTags	72.17	72.41	72.29	85.00
Lemmas	0.00	0.00	0.00	0.00
UAS	62.28	62.49	62.38	73.35
LAS	52.47	52.65	52.56	61.80
CLAS	46.84	45.99	46.41	57.42
MLAS	37.76	37.08	37.42	46.29
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 17

Train 17: 66it [00:19, 3.40it/s]

dev 17: 100% | 9/9 [00:01<00:00, 5.22it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 17 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.63	79.90	79.76	93.78
XPOS	78.63	78.89	78.76	92.60
UFeats	76.95	77.21	77.08	90.62
AllTags	73.18	73.42	73.30	86.18
Lemmas	0.00	0.00	0.00	0.00
UAS	62.62	62.83	62.72	73.74
LAS	53.39	53.57	53.48	62.88
CLAS	48.04	47.42	47.72	59.19
MLAS	38.61	38.11	38.36	47.58
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 18

Train 18: 66it [00:19, 3.37it/s]

dev 18: 100% | 9/9 [00:01<00:00, 4.98it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 18 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.30	79.56	79.43	93.39
XPOS	78.54	78.81	78.67	92.50
UFeats	77.03	77.29	77.16	90.72
AllTags	73.26	73.51	73.38	86.28
Lemmas	0.00	0.00	0.00	0.00
UAS	62.62	62.83	62.72	73.74
LAS	52.89	53.07	52.98	62.29
CLAS	48.04	47.55	47.79	59.35
MLAS	38.90	38.50	38.70	48.06
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 19

Train 19: 66it [00:19, 3.39it/s]

dev 19: 100% | 9/9 [00:01<00:00, 5.39it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

Best dev CoNLLu score: epoch 19					
Metric	Precision	Recall	F1 Score	AlignndAcc	
Tokens	99.21	99.36	99.28		
Sentences	100.00	100.00	100.00		
Words	84.91	85.20	85.05		
UPOS	79.55	79.81	79.68	93.68	
XPOS	78.71	78.97	78.84	92.69	
UFeats	77.20	77.46	77.33	90.92	
AllTags	73.09	73.34	73.22	86.08	
Lemmas	0.00	0.00	0.00	0.00	
UAS	63.62	63.84	63.73	74.93	
LAS	54.99	55.17	55.08	64.76	
CLAS	49.29	49.61	49.45	61.94	
MLAS	40.69	40.96	40.82	51.13	
BLEX	0.00	0.00	0.00	0.00	

Posdep tagger: Epoch: 20					
Metric	Precision	Recall	F1 Score	AlignndAcc	
Tokens	99.21	99.36	99.28		
Sentences	100.00	100.00	100.00		
Words	84.91	85.20	85.05		
UPOS	79.80	80.07	79.93	93.98	
XPOS	79.04	79.31	79.18	93.09	
UFeats	76.87	77.12	76.99	90.52	
AllTags	73.26	73.51	73.38	86.28	
Lemmas	0.00	0.00	0.00	0.00	
UAS	63.12	63.33	63.22	74.33	
LAS	54.07	54.25	54.16	63.67	
CLAS	48.53	49.10	48.81	61.29	
MLAS	40.23	40.70	40.46	50.81	
BLEX	0.00	0.00	0.00	0.00	

Posdep tagger: Epoch: 21					
Metric	Precision	Recall	F1 Score	AlignndAcc	
Tokens	99.21	99.36	99.28		
Sentences	100.00	100.00	100.00		
Words	84.91	85.20	85.05		
UPOS	80.22	80.49	80.35	94.47	
XPOS	79.30	79.56	79.43	93.39	
UFeats	77.70	77.96	77.83	91.51	
AllTags	74.18	74.43	74.31	87.36	
Lemmas	0.00	0.00	0.00	0.00	
UAS	62.78	62.99	62.89	73.94	
LAS	54.48	54.67	54.58	64.17	
CLAS	48.96	48.45	48.70	60.48	
MLAS	40.08	39.66	39.87	49.52	
BLEX	0.00	0.00	0.00	0.00	

Posdep tagger: Epoch: 22					
Metric	Precision	Recall	F1 Score	AlignndAcc	
Tokens	99.21	99.36	99.28		
Sentences	100.00	100.00	100.00		
Words	84.91	85.20	85.05		
UPOS	80.22	80.49	80.35	94.47	
XPOS	79.30	79.56	79.43	93.39	
UFeats	77.70	77.96	77.83	91.51	
AllTags	74.18	74.43	74.31	87.36	
Lemmas	0.00	0.00	0.00	0.00	
UAS	62.78	62.99	62.89	73.94	
LAS	54.48	54.67	54.58	64.17	
CLAS	48.96	48.45	48.70	60.48	
MLAS	40.08	39.66	39.87	49.52	
BLEX	0.00	0.00	0.00	0.00	

Train 22: 66it [00:20, 3.24it/s] | 9/9 [00:01<00:00, 5.71it/s]
 dev 22: 100% | Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)
 ----- Best dev CoNLLu score: epoch 22 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.72	79.98	79.85	93.88
XPOS	78.63	78.89	78.76	92.60
UFeats	77.20	77.46	77.33	90.92
AllTags	73.34	73.59	73.47	86.38
Lemmas	0.00	0.00	0.00	0.00
UAS	62.45	62.66	62.55	73.54
LAS	53.90	54.08	53.99	63.47
CLAS	48.69	48.06	48.37	60.00
MLAS	39.27	38.76	39.01	48.39
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 23

Train 23: 66it [00:20, 3.18it/s] | 9/9 [00:01<00:00, 5.29it/s]
 dev 23: 100% | Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)
 ----- Best dev CoNLLu score: epoch 23 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.72	79.98	79.85	93.88
XPOS	78.54	78.81	78.67	92.50
UFeats	76.95	77.21	77.08	90.62
AllTags	73.01	73.25	73.13	85.98
Lemmas	0.00	0.00	0.00	0.00
UAS	62.70	62.91	62.80	73.84
LAS	54.07	54.25	54.16	63.67
CLAS	49.35	48.97	49.16	61.13
MLAS	40.23	39.92	40.08	49.84
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 24

Train 24: 66it [00:21, 3.13it/s] | 9/9 [00:01<00:00, 4.69it/s]
 dev 24: 100% | Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)
 ----- Best dev CoNLLu score: epoch 24 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.21	78.47	78.34	92.10
UFeats	77.62	77.88	77.75	91.41
AllTags	72.93	73.17	73.05	85.88
Lemmas	0.00	0.00	0.00	0.00
UAS	63.29	63.50	63.39	74.53
LAS	54.32	54.50	54.41	63.97
CLAS	49.10	49.22	49.16	61.45
MLAS	39.95	40.05	40.00	50.00
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 25
 Train 25: 66it [00:21, 3.11it/s]
 dev 25: 100% | 9/9 [00:01<00:00, 5.41it/s]
 Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)
 ----- Best dev CoNLLu score: epoch 25 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.63	78.89	78.76	92.60
UFeats	76.70	76.96	76.83	90.33
AllTags	72.59	72.83	72.71	85.49
Lemmas	0.00	0.00	0.00	0.00
UAS	62.62	62.83	62.72	73.74
LAS	53.90	54.08	53.99	63.47
CLAS	48.64	48.58	48.61	60.65
MLAS	39.59	39.53	39.56	49.35
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 26
 Train 26: 66it [00:20, 3.17it/s]
 dev 26: 100% | 9/9 [00:01<00:00, 5.28it/s]
 Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)
 ----- Best dev CoNLLu score: epoch 26 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.72	79.98	79.85	93.88
XPOS	78.79	79.06	78.93	92.79
UFeats	77.20	77.46	77.33	90.92
AllTags	73.18	73.42	73.30	86.18
Lemmas	0.00	0.00	0.00	0.00
UAS	63.62	63.84	63.73	74.93
LAS	54.74	54.92	54.83	64.46
CLAS	49.67	49.35	49.51	61.61
MLAS	40.44	40.18	40.31	50.16
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 27
 Train 27: 66it [00:20, 3.15it/s]
 dev 27: 100% | 9/9 [00:01<00:00, 4.70it/s]
 Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)
 ----- Best dev CoNLLu score: epoch 27 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.72	79.98	79.85	93.88
XPOS	78.79	79.06	78.93	92.79
UFeats	77.20	77.46	77.33	90.92
AllTags	73.34	73.59	73.47	86.38
Lemmas	0.00	0.00	0.00	0.00
UAS	63.29	63.50	63.39	74.53
LAS	53.65	53.83	53.74	63.18
CLAS	47.87	47.80	47.83	59.68
MLAS	38.55	38.50	38.53	48.06

BLEX		0.00		0.00		0.00		0.00
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Posdep tagger: Epoch: 28

Train 28: 66it [00:21, 3.10it/s]

dev 28: 100% | 9/9 [00:01<00:00, 5.15it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 28 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.97	80.24	80.10	94.18
XPOS	78.88	79.14	79.01	92.89
UFeats	76.19	76.45	76.32	89.73
AllTags	72.59	72.83	72.71	85.49
Lemmas	0.00	0.00	0.00	0.00
UAS	62.87	63.08	62.97	74.04
LAS	54.74	54.92	54.83	64.46
CLAS	49.81	49.61	49.71	61.94
MLAS	39.95	39.79	39.87	49.68
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 29

Train 29: 66it [00:20, 3.15it/s]

dev 29: 100% | 9/9 [00:01<00:00, 5.30it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 29 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.46	79.73	79.60	93.58
XPOS	78.46	78.72	78.59	92.40
UFeats	76.95	77.21	77.08	90.62
AllTags	72.84	73.09	72.96	85.78
Lemmas	0.00	0.00	0.00	0.00
UAS	62.78	62.99	62.89	73.94
LAS	54.48	54.67	54.58	64.17
CLAS	48.79	49.48	49.13	61.77
MLAS	39.87	40.44	40.15	50.48
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 30

Train 30: 66it [00:20, 3.24it/s]

dev 30: 100% | 9/9 [00:01<00:00, 4.92it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	80.30	80.57	80.44	94.57
XPOS	79.21	79.48	79.35	93.29
UFeats	76.70	76.96	76.83	90.33
AllTags	73.18	73.42	73.30	86.18
Lemmas	0.00	0.00	0.00	0.00
UAS	63.12	63.33	63.22	74.33

LAS	54.90	55.09	55.00	64.66
CLAS	49.42	49.87	49.65	62.26
MLAS	39.95	40.31	40.13	50.32
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 31

Train 31: 66it [00:20, 3.27it/s]

dev 31: 100% | 9/9 [00:01<00:00, 4.94it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.63	79.90	79.76	93.78
XPOS	78.88	79.14	79.01	92.89
UFeats	76.70	76.96	76.83	90.33
AllTags	73.09	73.34	73.22	86.08
Lemmas	0.00	0.00	0.00	0.00
UAS	63.03	63.25	63.14	74.23
LAS	54.48	54.67	54.58	64.17
CLAS	49.61	49.10	49.35	61.29
MLAS	40.60	40.18	40.39	50.16
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 32

Train 32: 66it [00:20, 3.25it/s]

dev 32: 100% | 9/9 [00:01<00:00, 5.09it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.96	79.23	79.09	92.99
UFeats	76.61	76.87	76.74	90.23
AllTags	73.09	73.34	73.22	86.08
Lemmas	0.00	0.00	0.00	0.00
UAS	62.78	62.99	62.89	73.94
LAS	54.40	54.58	54.49	64.07
CLAS	49.61	49.22	49.42	61.45
MLAS	40.89	40.57	40.73	50.65
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 33

Train 33: 66it [00:20, 3.23it/s]

dev 33: 100% | 9/9 [00:01<00:00, 5.01it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.03	77.29	77.16	90.72
AllTags	73.09	73.34	73.22	86.08
Lemmas	0.00	0.00	0.00	0.00
UAS	63.12	63.33	63.22	74.33
LAS	54.40	54.58	54.49	64.07

CLAS	49.29	49.10	49.19	61.29
MLAS	40.73	40.57	40.65	50.65
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 34

Train 34: 66it [00:19, 3.34it/s]

dev 34: 100% | 9/9 [00:01<00:00, 4.76it/s]

-- Best dev CoNLLu score: epoch 30 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	80.22	80.49	80.35	94.47
XPOS	78.79	79.06	78.93	92.79
UFeats	76.70	76.96	76.83	90.33
AllTags	73.26	73.51	73.38	86.28
Lemmas	0.00	0.00	0.00	0.00
UAS	62.62	62.83	62.72	73.74
LAS	53.98	54.16	54.07	63.57
CLAS	48.96	48.58	48.77	60.65
MLAS	40.89	40.57	40.73	50.65
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 35

Train 35: 66it [00:19, 3.36it/s]

dev 35: 100% | 9/9 [00:01<00:00, 5.04it/s]

-- Best dev CoNLLu score: epoch 30 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.46	78.72	78.59	92.40
UFeats	76.70	76.96	76.83	90.33
AllTags	72.67	72.92	72.80	85.59
Lemmas	0.00	0.00	0.00	0.00
UAS	63.12	63.33	63.22	74.33
LAS	54.15	54.33	54.24	63.77
CLAS	49.09	48.71	48.90	60.81
MLAS	39.45	39.15	39.30	48.87
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 36

Train 36: 66it [00:20, 3.27it/s]

dev 36: 100% | 9/9 [00:01<00:00, 5.07it/s]

-- Best dev CoNLLu score: epoch 30 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.30	79.56	79.43	93.39
XPOS	78.21	78.47	78.34	92.10
UFeats	76.87	77.12	76.99	90.52
AllTags	72.67	72.92	72.80	85.59
Lemmas	0.00	0.00	0.00	0.00
UAS	63.54	63.75	63.64	74.83
LAS	54.40	54.58	54.49	64.07

CLAS	48.83	48.58	48.70	60.65
MLAS	39.74	39.53	39.64	49.35
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 37

Train 37: 66it [00:19, 3.36it/s]

dev 37: 100% | 9/9 [00:01<00:00, 5.11it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.30	79.56	79.43	93.39
XPOS	78.37	78.64	78.51	92.30
UFeats	76.87	77.12	76.99	90.52
AllTags	72.76	73.00	72.88	85.69
Lemmas	0.00	0.00	0.00	0.00
UAS	63.70	63.92	63.81	75.02
LAS	54.32	54.50	54.41	63.97
CLAS	49.09	48.84	48.96	60.97
MLAS	39.61	39.41	39.51	49.19
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 38

Train 38: 66it [00:21, 3.10it/s]

dev 38: 100% | 9/9 [00:01<00:00, 4.96it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.04	79.31	79.18	93.09
XPOS	77.87	78.13	78.00	91.71
UFeats	76.19	76.45	76.32	89.73
AllTags	71.92	72.16	72.04	84.70
Lemmas	0.00	0.00	0.00	0.00
UAS	62.87	63.08	62.97	74.04
LAS	53.65	53.83	53.74	63.18
CLAS	48.13	48.32	48.23	60.32
MLAS	38.61	38.76	38.68	48.39
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 39

Train 39: 66it [00:19, 3.32it/s]

dev 39: 100% | 9/9 [00:01<00:00, 5.30it/s]

----- Best dev CoNLLu score: epoch 30 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	76.95	77.21	77.08	90.62
AllTags	73.18	73.42	73.30	86.18
Lemmas	0.00	0.00	0.00	0.00
UAS	63.62	63.84	63.73	74.93

LAS	54.32	54.50	54.41	63.97
CLAS	48.77	48.58	48.67	60.65
MLAS	39.43	39.28	39.35	49.03
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 40

Train 40: 66it [00:20, 3.28it/s]

dev 40: 100% | 9/9 [00:01<00:00, 5.23it/s]

-- Best dev CoNLLu score: epoch 30 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.46	78.72	78.59	92.40
UFeats	77.12	77.38	77.25	90.82
AllTags	72.67	72.92	72.80	85.59
Lemmas	0.00	0.00	0.00	0.00
UAS	63.20	63.41	63.31	74.43
LAS	54.07	54.25	54.16	63.67
CLAS	48.57	48.19	48.38	60.16
MLAS	39.84	39.53	39.69	49.35
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 41

Train 41: 66it [00:20, 3.17it/s]

dev 41: 100% | 9/9 [00:01<00:00, 4.81it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

-- Best dev CoNLLu score: epoch 41 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.29	78.55	78.42	92.20
UFeats	76.61	76.87	76.74	90.23
AllTags	72.42	72.67	72.54	85.29
Lemmas	0.00	0.00	0.00	0.00
UAS	63.96	64.17	64.06	75.32
LAS	55.57	55.76	55.67	65.45
CLAS	49.87	50.26	50.06	62.74
MLAS	40.90	41.21	41.06	51.45
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 42

Train 42: 66it [00:20, 3.25it/s]

dev 42: 100% | 9/9 [00:01<00:00, 6.03it/s]

-- Best dev CoNLLu score: epoch 41 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.96	79.23	79.09	92.99
UFeats	77.12	77.38	77.25	90.82
AllTags	73.26	73.51	73.38	86.28
Lemmas	0.00	0.00	0.00	0.00
UAS	63.54	63.75	63.64	74.83
LAS	54.23	54.42	54.32	63.87

CLAS	49.02	48.71	48.87	60.81
MLAS	39.79	39.53	39.66	49.35
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 43

Train 43: 66it [00:23, 2.83it/s]

dev 43: 100% | 9/9 [00:01<00:00, 5.26it/s]

----- Best dev CoNLLu score: epoch 41 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.21	79.48	79.35	93.29
XPOS	78.12	78.39	78.25	92.00
UFeats	76.45	76.70	76.57	90.03
AllTags	71.92	72.16	72.04	84.70
Lemmas	0.00	0.00	0.00	0.00
UAS	63.70	63.92	63.81	75.02
LAS	54.57	54.75	54.66	64.26
CLAS	48.97	48.97	48.97	61.13
MLAS	38.89	38.89	38.89	48.55
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 44

Train 44: 66it [00:23, 2.83it/s]

dev 44: 100% | 9/9 [00:01<00:00, 4.80it/s]

----- Best dev CoNLLu score: epoch 41 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.37	78.64	78.51	92.30
UFeats	77.12	77.38	77.25	90.82
AllTags	72.93	73.17	73.05	85.88
Lemmas	0.00	0.00	0.00	0.00
UAS	63.03	63.25	63.14	74.23
LAS	54.15	54.33	54.24	63.77
CLAS	48.34	48.97	48.65	61.13
MLAS	39.03	39.53	39.28	49.35
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 45

Train 45: 66it [00:24, 2.70it/s]

dev 45: 100% | 9/9 [00:01<00:00, 5.48it/s]

----- Best dev CoNLLu score: epoch 41 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.21	79.48	79.35	93.29
XPOS	78.12	78.39	78.25	92.00
UFeats	76.78	77.04	76.91	90.42
AllTags	72.59	72.83	72.71	85.49
Lemmas	0.00	0.00	0.00	0.00
UAS	63.62	63.84	63.73	74.93

LAS	54.65	54.84	54.74	64.36
CLAS	49.23	49.61	49.42	61.94
MLAS	40.51	40.83	40.67	50.97
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 46

Train 46: 66it [00:22, 2.89it/s]

dev 46: 100% | 9/9 [00:01<00:00, 4.89it/s]

----- Best dev CoNLLu score: epoch 41 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.72	79.98	79.85	93.88
XPOS	78.71	78.97	78.84	92.69
UFeats	76.53	76.79	76.66	90.13
AllTags	72.67	72.92	72.80	85.59
Lemmas	0.00	0.00	0.00	0.00
UAS	63.45	63.67	63.56	74.73
LAS	53.90	54.08	53.99	63.47
CLAS	48.52	48.58	48.55	60.65
MLAS	39.48	39.53	39.51	49.35
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 47

Train 47: 66it [00:26, 2.46it/s]

dev 47: 100% | 9/9 [00:02<00:00, 4.31it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 47 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.63	79.90	79.76	93.78
XPOS	78.54	78.81	78.67	92.50
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	0.00	0.00	0.00	0.00
UAS	64.04	64.26	64.15	75.42
LAS	54.99	55.17	55.08	64.76
CLAS	49.61	49.74	49.68	62.10
MLAS	41.49	41.60	41.55	51.94
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 48

Train 48: 66it [00:27, 2.39it/s]

dev 48: 100% | 9/9 [00:01<00:00, 4.98it/s]

----- Best dev CoNLLu score: epoch 47 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.46	78.72	78.59	92.40
UFeats	77.37	77.63	77.50	91.12
AllTags	73.26	73.51	73.38	86.28
Lemmas	0.00	0.00	0.00	0.00

UAS	63.70	63.92	63.81	75.02
LAS	54.82	55.00	54.91	64.56
CLAS	48.71	48.84	48.77	60.97
MLAS	40.21	40.31	40.26	50.32
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 49

Train 49: 66it [00:25, 2.62it/s]

dev 49: 100% | 9/9 [00:01<00:00, 5.66it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.46	79.73	79.60	93.58
XPOS	78.46	78.72	78.59	92.40
UFeats	76.95	77.21	77.08	90.62
AllTags	72.84	73.09	72.96	85.78
Lemmas	0.00	0.00	0.00	0.00
UAS	63.87	64.09	63.98	75.22
LAS	55.66	55.85	55.75	65.55
CLAS	50.45	50.39	50.42	62.90
MLAS	41.79	41.73	41.76	52.10
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 50

Train 50: 66it [00:25, 2.62it/s]

dev 50: 100% | 9/9 [00:01<00:00, 5.43it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.63	79.90	79.76	93.78
XPOS	78.71	78.97	78.84	92.69
UFeats	76.61	76.87	76.74	90.23
AllTags	72.93	73.17	73.05	85.88
Lemmas	0.00	0.00	0.00	0.00
UAS	64.04	64.26	64.15	75.42
LAS	55.32	55.51	55.42	65.15
CLAS	49.81	49.74	49.77	62.10
MLAS	41.01	40.96	40.98	51.13
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 51

Train 51: 66it [00:25, 2.55it/s]

dev 51: 100% | 9/9 [00:01<00:00, 5.38it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.63	79.90	79.76	93.78
XPOS	78.46	78.72	78.59	92.40
UFeats	76.61	76.87	76.74	90.23
AllTags	72.34	72.58	72.46	85.19
Lemmas	0.00	0.00	0.00	0.00

UAS	63.79	64.00	63.90	75.12
LAS	54.99	55.17	55.08	64.76
CLAS	49.42	49.87	49.65	62.26
MLAS	40.33	40.70	40.51	50.81
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 52

Train 52: 66it [00:25, 2.60it/s]

dev 52: 100% | ----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.63	79.90	79.76	93.78
XPOS	78.71	78.97	78.84	92.69
UFeats	76.78	77.04	76.91	90.42
AllTags	72.67	72.92	72.80	85.59
Lemmas	0.00	0.00	0.00	0.00
UAS	64.21	64.42	64.32	75.62
LAS	55.07	55.26	55.16	64.86
CLAS	49.87	49.61	49.74	61.94
MLAS	40.26	40.05	40.16	50.00
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 53

Train 53: 66it [00:25, 2.59it/s]

dev 53: 100% | ----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.54	78.81	78.67	92.50
UFeats	76.95	77.21	77.08	90.62
AllTags	72.67	72.92	72.80	85.59
Lemmas	0.00	0.00	0.00	0.00
UAS	63.87	64.09	63.98	75.22
LAS	54.74	54.92	54.83	64.46
CLAS	49.16	49.35	49.26	61.61
MLAS	39.64	39.79	39.72	49.68
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 54

Train 54: 66it [00:26, 2.49it/s]

dev 54: 100% | ----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.71	78.97	78.84	92.69
UFeats	76.95	77.21	77.08	90.62
AllTags	72.84	73.09	72.96	85.78
Lemmas	0.00	0.00	0.00	0.00
UAS	64.29	64.51	64.40	75.72

LAS	55.49	55.68	55.58	65.35
CLAS	50.39	50.39	50.39	62.90
MLAS	40.44	40.44	40.44	50.48
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 55

Train 55: 66it [00:25, 2.61it/s]

dev 55: 100% | 9/9 [00:01<00:00, 5.43it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	78.96	79.23	79.09	92.99
XPOS	78.21	78.47	78.34	92.10
UFeats	76.78	77.04	76.91	90.42
AllTags	72.42	72.67	72.54	85.29
Lemmas	0.00	0.00	0.00	0.00
UAS	63.70	63.92	63.81	75.02
LAS	53.98	54.16	54.07	63.57
CLAS	48.25	48.19	48.22	60.16
MLAS	39.07	39.02	39.04	48.71
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 56

Train 56: 66it [00:24, 2.69it/s]

dev 56: 100% | 9/9 [00:01<00:00, 5.19it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.46	79.73	79.60	93.58
XPOS	78.54	78.81	78.67	92.50
UFeats	77.28	77.54	77.41	91.02
AllTags	73.01	73.25	73.13	85.98
Lemmas	0.00	0.00	0.00	0.00
UAS	63.62	63.84	63.73	74.93
LAS	54.65	54.84	54.74	64.36
CLAS	49.55	49.74	49.65	62.10
MLAS	40.93	41.09	41.01	51.29
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 57

Train 57: 66it [00:25, 2.55it/s]

dev 57: 100% | 9/9 [00:01<00:00, 5.24it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.04	79.31	79.18	93.09
XPOS	78.29	78.55	78.42	92.20
UFeats	77.03	77.29	77.16	90.72
AllTags	72.76	73.00	72.88	85.69
Lemmas	0.00	0.00	0.00	0.00
UAS	63.79	64.00	63.90	75.12

LAS	54.82	55.00	54.91	64.56
CLAS	49.48	49.35	49.42	61.61
MLAS	39.77	39.66	39.72	49.52
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 58

Train 58: 66it [00:22, 2.97it/s]

dev 58: 100% | 9/9 [00:01<00:00, 5.51it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.04	79.31	79.18	93.09
XPOS	78.29	78.55	78.42	92.20
UFeats	77.12	77.38	77.25	90.82
AllTags	72.76	73.00	72.88	85.69
Lemmas	0.00	0.00	0.00	0.00
UAS	63.70	63.92	63.81	75.02
LAS	54.82	55.00	54.91	64.56
CLAS	49.36	49.48	49.42	61.77
MLAS	40.46	40.57	40.52	50.65
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 59

Train 59: 66it [00:21, 3.11it/s]

dev 59: 100% | 9/9 [00:01<00:00, 5.19it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.13	79.39	79.26	93.19
XPOS	78.29	78.55	78.42	92.20
UFeats	76.61	76.87	76.74	90.23
AllTags	72.34	72.58	72.46	85.19
Lemmas	0.00	0.00	0.00	0.00
UAS	63.96	64.17	64.06	75.32
LAS	54.82	55.00	54.91	64.56
CLAS	49.87	49.48	49.68	61.77
MLAS	40.62	40.31	40.47	50.32
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 60

Train 60: 66it [00:22, 2.95it/s]

dev 60: 100% | 9/9 [00:01<00:00, 5.25it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.13	79.39	79.26	93.19
XPOS	78.29	78.55	78.42	92.20
UFeats	76.28	76.53	76.41	89.83
AllTags	72.17	72.41	72.29	85.00
Lemmas	0.00	0.00	0.00	0.00

UAS	63.96	64.17	64.06	75.32
LAS	54.65	54.84	54.74	64.36
CLAS	49.48	49.48	49.48	61.77
MLAS	40.05	40.05	40.05	50.00
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 61

Train 61: 66it [00:24, 2.72it/s]

dev 61: 100% | 9/9 [00:01<00:00, 4.97it/s]

-- Best dev CoNLLu score: epoch 49 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.30	79.56	79.43	93.39
XPOS	78.37	78.64	78.51	92.30
UFeats	76.70	76.96	76.83	90.33
AllTags	72.25	72.50	72.38	85.09
Lemmas	0.00	0.00	0.00	0.00
UAS	63.62	63.84	63.73	74.93
LAS	54.82	55.00	54.91	64.56
CLAS	49.68	49.74	49.71	62.10
MLAS	39.74	39.79	39.77	49.68
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 62

Train 62: 66it [00:22, 2.94it/s]

dev 62: 100% | 9/9 [00:01<00:00, 5.12it/s]

-- Best dev CoNLLu score: epoch 49 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.72	79.98	79.85	93.88
XPOS	78.88	79.14	79.01	92.89
UFeats	76.61	76.87	76.74	90.23
AllTags	72.76	73.00	72.88	85.69
Lemmas	0.00	0.00	0.00	0.00
UAS	63.62	63.84	63.73	74.93
LAS	54.15	54.33	54.24	63.77
CLAS	48.51	48.32	48.41	60.32
MLAS	39.95	39.79	39.87	49.68
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 63

Train 63: 66it [00:22, 2.94it/s]

dev 63: 100% | 9/9 [00:01<00:00, 5.00it/s]

-- Best dev CoNLLu score: epoch 49 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.63	78.89	78.76	92.60
UFeats	77.03	77.29	77.16	90.72
AllTags	72.93	73.17	73.05	85.88
Lemmas	0.00	0.00	0.00	0.00
UAS	63.96	64.17	64.06	75.32
LAS	55.24	55.42	55.33	65.05

CLAS	49.81	49.87	49.84	62.26
MLAS	40.65	40.70	40.67	50.81
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 64

Train 64: 66it [00:23, 2.80it/s]

dev 64: 100% | 9/9 [00:01<00:00, 5.24it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.72	79.98	79.85	93.88
XPOS	78.88	79.14	79.01	92.89
UFeats	76.87	77.12	76.99	90.52
AllTags	72.93	73.17	73.05	85.88
Lemmas	0.00	0.00	0.00	0.00
UAS	63.20	63.41	63.31	74.43
LAS	54.65	54.84	54.74	64.36
CLAS	49.04	49.48	49.26	61.77
MLAS	40.33	40.70	40.51	50.81
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 65

Train 65: 66it [00:23, 2.84it/s]

dev 65: 100% | 9/9 [00:01<00:00, 5.09it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	80.05	80.32	80.18	94.27
XPOS	79.21	79.48	79.35	93.29
UFeats	76.87	77.12	76.99	90.52
AllTags	73.09	73.34	73.22	86.08
Lemmas	0.00	0.00	0.00	0.00
UAS	63.62	63.84	63.73	74.93
LAS	54.99	55.17	55.08	64.76
CLAS	49.68	49.87	49.77	62.26
MLAS	41.06	41.21	41.13	51.45
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 66

Train 66: 66it [00:25, 2.62it/s]

dev 66: 100% | 9/9 [00:01<00:00, 5.02it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.54	78.81	78.67	92.50
UFeats	76.61	76.87	76.74	90.23
AllTags	72.59	72.83	72.71	85.49
Lemmas	0.00	0.00	0.00	0.00
UAS	63.54	63.75	63.64	74.83

LAS	54.07	54.25	54.16	63.67
CLAS	48.71	48.71	48.71	60.81
MLAS	39.92	39.92	39.92	49.84
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 67

Train 67: 66it [00:21, 3.00it/s]

dev 67: 100% | 9/9 [00:01<00:00, 5.28it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.96	79.23	79.09	92.99
UFeats	76.87	77.12	76.99	90.52
AllTags	72.84	73.09	72.96	85.78
Lemmas	0.00	0.00	0.00	0.00
UAS	63.70	63.92	63.81	75.02
LAS	54.82	55.00	54.91	64.56
CLAS	49.74	49.87	49.81	62.26
MLAS	40.46	40.57	40.52	50.65
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 68

Train 68: 66it [00:23, 2.78it/s]

dev 68: 100% | 9/9 [00:01<00:00, 5.24it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.72	79.98	79.85	93.88
XPOS	78.96	79.23	79.09	92.99
UFeats	77.20	77.46	77.33	90.92
AllTags	73.43	73.68	73.55	86.48
Lemmas	0.00	0.00	0.00	0.00
UAS	63.87	64.09	63.98	75.22
LAS	54.82	55.00	54.91	64.56
CLAS	49.42	49.35	49.39	61.61
MLAS	40.62	40.57	40.59	50.65
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 69

Train 69: 66it [00:24, 2.73it/s]

dev 69: 100% | 9/9 [00:01<00:00, 5.91it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.46	79.73	79.60	93.58
XPOS	78.54	78.81	78.67	92.50
UFeats	77.03	77.29	77.16	90.72
AllTags	72.67	72.92	72.80	85.59
Lemmas	0.00	0.00	0.00	0.00
UAS	64.29	64.51	64.40	75.72
LAS	54.90	55.09	55.00	64.66

CLAS	49.17	49.48	49.32	61.77
MLAS	40.18	40.44	40.31	50.48
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 70

Train 70: 66it [00:22, 2.88it/s]

dev 70: 100% | 9/9 [00:01<00:00, 5.30it/s]

-- Best dev CoNLLu score: epoch 49 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.63	79.90	79.76	93.78
XPOS	78.79	79.06	78.93	92.79
UFeats	76.61	76.87	76.74	90.23
AllTags	72.34	72.58	72.46	85.19
Lemmas	0.00	0.00	0.00	0.00
UAS	62.95	63.16	63.06	74.14
LAS	54.23	54.42	54.32	63.87
CLAS	48.84	48.97	48.90	61.13
MLAS	39.82	39.92	39.87	49.84
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 71

Train 71: 66it [00:24, 2.74it/s]

dev 71: 100% | 9/9 [00:01<00:00, 5.20it/s]

-- Best dev CoNLLu score: epoch 49 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.63	79.90	79.76	93.78
XPOS	78.79	79.06	78.93	92.79
UFeats	76.87	77.12	76.99	90.52
AllTags	72.84	73.09	72.96	85.78
Lemmas	0.00	0.00	0.00	0.00
UAS	63.96	64.17	64.06	75.32
LAS	54.74	54.92	54.83	64.46
CLAS	48.91	49.10	49.00	61.29
MLAS	39.51	39.66	39.59	49.52
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 72

Train 72: 66it [00:24, 2.71it/s]

dev 72: 100% | 9/9 [00:01<00:00, 5.04it/s]

-- Best dev CoNLLu score: epoch 49 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.21	79.48	79.35	93.29
XPOS	78.46	78.72	78.59	92.40
UFeats	76.70	76.96	76.83	90.33
AllTags	72.42	72.67	72.54	85.29
Lemmas	0.00	0.00	0.00	0.00
UAS	63.54	63.75	63.64	74.83
LAS	54.65	54.84	54.74	64.36

CLAS	49.48	49.35	49.42	61.61
MLAS	40.16	40.05	40.10	50.00
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 73

Train 73: 66it [00:24, 2.70it/s]

dev 73: 100% | 9/9 [00:01<00:00, 5.13it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.63	79.90	79.76	93.78
XPOS	78.88	79.14	79.01	92.89
UFeats	77.03	77.29	77.16	90.72
AllTags	73.01	73.25	73.13	85.98
Lemmas	0.00	0.00	0.00	0.00
UAS	64.12	64.34	64.23	75.52
LAS	55.41	55.59	55.50	65.25
CLAS	50.19	50.39	50.29	62.90
MLAS	40.80	40.96	40.88	51.13
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 74

Train 74: 66it [00:24, 2.73it/s]

dev 74: 100% | 9/9 [00:01<00:00, 5.28it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.63	78.89	78.76	92.60
UFeats	76.70	76.96	76.83	90.33
AllTags	72.67	72.92	72.80	85.59
Lemmas	0.00	0.00	0.00	0.00
UAS	63.70	63.92	63.81	75.02
LAS	54.65	54.84	54.74	64.36
CLAS	49.29	49.35	49.32	61.61
MLAS	40.26	40.31	40.28	50.32
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 75

Train 75: 66it [00:24, 2.66it/s]

dev 75: 100% | 9/9 [00:01<00:00, 5.04it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.72	79.98	79.85	93.88
XPOS	78.79	79.06	78.93	92.79
UFeats	77.03	77.29	77.16	90.72
AllTags	73.18	73.42	73.30	86.18
Lemmas	0.00	0.00	0.00	0.00
UAS	63.96	64.17	64.06	75.32
LAS	54.57	54.75	54.66	64.26
CLAS	49.16	49.22	49.19	61.45

MLAS	40.39	40.44	40.41	50.48
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 76

Train 76: 66it [00:22, 2.94it/s]

dev 76: 100% | 9/9 [00:01<00:00, 5.31it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.46	79.73	79.60	93.58
XPOS	78.54	78.81	78.67	92.50
UFeats	76.87	77.12	76.99	90.52
AllTags	72.76	73.00	72.88	85.69
Lemmas	0.00	0.00	0.00	0.00
UAS	63.87	64.09	63.98	75.22
LAS	54.74	54.92	54.83	64.46
CLAS	49.10	49.48	49.29	61.77
MLAS	40.00	40.31	40.15	50.32
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 77

Train 77: 66it [00:24, 2.74it/s]

dev 77: 100% | 9/9 [00:01<00:00, 4.75it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.37	78.64	78.51	92.30
UFeats	76.95	77.21	77.08	90.62
AllTags	72.76	73.00	72.88	85.69
Lemmas	0.00	0.00	0.00	0.00
UAS	63.96	64.17	64.06	75.32
LAS	54.99	55.17	55.08	64.76
CLAS	49.81	50.00	49.90	62.42
MLAS	40.67	40.83	40.75	50.97
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 78

Train 78: 66it [00:25, 2.64it/s]

dev 78: 100% | 9/9 [00:01<00:00, 5.96it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.46	78.72	78.59	92.40
UFeats	76.95	77.21	77.08	90.62
AllTags	72.84	73.09	72.96	85.78
Lemmas	0.00	0.00	0.00	0.00
UAS	63.96	64.17	64.06	75.32
LAS	54.90	55.09	55.00	64.66
CLAS	49.55	49.61	49.58	61.94

MLAS	40.52	40.57	40.54	50.65
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 79

Train 79: 66it [00:24, 2.73it/s]

dev 79: 100% | 9/9 [00:01<00:00, 5.48it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.46	79.73	79.60	93.58
XPOS	78.63	78.89	78.76	92.60
UFeats	77.28	77.54	77.41	91.02
AllTags	73.26	73.51	73.38	86.28
Lemmas	0.00	0.00	0.00	0.00
UAS	64.04	64.26	64.15	75.42
LAS	54.99	55.17	55.08	64.76
CLAS	49.55	49.61	49.58	61.94
MLAS	40.77	40.83	40.80	50.97
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 80

Train 80: 66it [00:24, 2.70it/s]

dev 80: 100% | 9/9 [00:01<00:00, 4.97it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.63	79.90	79.76	93.78
XPOS	78.71	78.97	78.84	92.69
UFeats	77.03	77.29	77.16	90.72
AllTags	73.18	73.42	73.30	86.18
Lemmas	0.00	0.00	0.00	0.00
UAS	63.96	64.17	64.06	75.32
LAS	54.82	55.00	54.91	64.56
CLAS	49.16	49.22	49.19	61.45
MLAS	40.39	40.44	40.41	50.48
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 81

Train 81: 66it [00:23, 2.77it/s]

dev 81: 100% | 9/9 [00:01<00:00, 5.97it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.37	78.64	78.51	92.30
UFeats	76.95	77.21	77.08	90.62
AllTags	72.76	73.00	72.88	85.69
Lemmas	0.00	0.00	0.00	0.00
UAS	64.12	64.34	64.23	75.52
LAS	54.90	55.09	55.00	64.66
CLAS	49.48	49.61	49.55	61.94
MLAS	40.21	40.31	40.26	50.32

BLEX		0.00		0.00		0.00		0.00
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Posdep tagger: Epoch: 82

Train 82: 66it [00:21, 3.02it/s]

dev 82: 100% | 9/9 [00:01<00:00, 5.08it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	76.87	77.12	76.99	90.52
AllTags	73.01	73.25	73.13	85.98
Lemmas	0.00	0.00	0.00	0.00
UAS	63.87	64.09	63.98	75.22
LAS	55.32	55.51	55.42	65.15
CLAS	49.55	49.87	49.71	62.26
MLAS	40.56	40.83	40.70	50.97
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 83

Train 83: 66it [00:22, 2.97it/s]

dev 83: 100% | 9/9 [00:01<00:00, 4.66it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.46	78.72	78.59	92.40
UFeats	76.95	77.21	77.08	90.62
AllTags	72.93	73.17	73.05	85.88
Lemmas	0.00	0.00	0.00	0.00
UAS	64.04	64.26	64.15	75.42
LAS	54.99	55.17	55.08	64.76
CLAS	49.74	49.74	49.74	62.10
MLAS	40.44	40.44	40.44	50.48
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 84

Train 84: 66it [00:21, 3.02it/s]

dev 84: 100% | 9/9 [00:01<00:00, 5.54it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.46	78.72	78.59	92.40
UFeats	76.95	77.21	77.08	90.62
AllTags	72.84	73.09	72.96	85.78
Lemmas	0.00	0.00	0.00	0.00
UAS	64.12	64.34	64.23	75.52
LAS	54.82	55.00	54.91	64.56
CLAS	49.29	49.35	49.32	61.61
MLAS	40.00	40.05	40.03	50.00

BLEX		0.00		0.00		0.00		0.00
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Posdep tagger: Epoch: 85

Train 85: 66it [00:21, 3.00it/s]

dev 85: 100% | 9/9 [00:01<00:00, 5.00it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.37	78.64	78.51	92.30
UFeats	76.78	77.04	76.91	90.42
AllTags	72.76	73.00	72.88	85.69
Lemmas	0.00	0.00	0.00	0.00
UAS	63.87	64.09	63.98	75.22
LAS	55.24	55.42	55.33	65.05
CLAS	49.87	49.74	49.81	62.10
MLAS	40.67	40.57	40.62	50.65
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 86

Train 86: 66it [00:23, 2.80it/s]

dev 86: 100% | 9/9 [00:01<00:00, 5.12it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	80.05	80.32	80.18	94.27
XPOS	79.13	79.39	79.26	93.19
UFeats	76.70	76.96	76.83	90.33
AllTags	72.93	73.17	73.05	85.88
Lemmas	0.00	0.00	0.00	0.00
UAS	64.04	64.26	64.15	75.42
LAS	55.24	55.42	55.33	65.05
CLAS	49.87	50.13	50.00	62.58
MLAS	40.87	41.09	40.98	51.29
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 87

Train 87: 66it [00:23, 2.86it/s]

dev 87: 100% | 9/9 [00:01<00:00, 5.27it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.72	79.98	79.85	93.88
XPOS	78.71	78.97	78.84	92.69
UFeats	76.78	77.04	76.91	90.42
AllTags	72.84	73.09	72.96	85.78
Lemmas	0.00	0.00	0.00	0.00
UAS	64.04	64.26	64.15	75.42
LAS	55.32	55.51	55.42	65.15
CLAS	50.00	50.26	50.13	62.74

MLAS	41.13	41.34	41.24	51.61
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 88

Train 88: 66it [00:26, 2.49it/s]

dev 88: 100% | 9/9 [00:01<00:00, 5.23it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.46	78.72	78.59	92.40
UFeats	76.87	77.12	76.99	90.52
AllTags	72.76	73.00	72.88	85.69
Lemmas	0.00	0.00	0.00	0.00
UAS	64.12	64.34	64.23	75.52
LAS	55.16	55.34	55.25	64.96
CLAS	49.61	49.74	49.68	62.10
MLAS	40.59	40.70	40.65	50.81
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 89

Train 89: 66it [00:24, 2.71it/s]

dev 89: 100% | 9/9 [00:01<00:00, 5.07it/s]

----- Best dev CoNLLu score: epoch 49 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.63	79.90	79.76	93.78
XPOS	78.63	78.89	78.76	92.60
UFeats	77.20	77.46	77.33	90.92
AllTags	73.18	73.42	73.30	86.18
Lemmas	0.00	0.00	0.00	0.00
UAS	64.12	64.34	64.23	75.52
LAS	55.32	55.51	55.42	65.15
CLAS	50.00	50.13	50.06	62.58
MLAS	41.11	41.21	41.16	51.45
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 90

Train 90: 66it [00:22, 2.88it/s]

dev 90: 100% | 9/9 [00:01<00:00, 5.24it/s]

Saving adapter weights to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.54 MB)

----- Best dev CoNLLu score: epoch 90 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	0.00	0.00	0.00	0.00
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74

MLAS	41.26	41.47	41.37	51.77
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 91

Train 91: 66it [00:23, 2.82it/s]

dev 91: 100% | 9/9 [00:01<00:00, 5.22it/s]

----- Best dev CoNLLu score: epoch 90 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.55	79.81	79.68	93.68
XPOS	78.54	78.81	78.67	92.50
UFeats	77.28	77.54	77.41	91.02
AllTags	73.18	73.42	73.30	86.18
Lemmas	0.00	0.00	0.00	0.00
UAS	64.21	64.42	64.32	75.62
LAS	55.16	55.34	55.25	64.96
CLAS	49.68	49.74	49.71	62.10
MLAS	40.39	40.44	40.41	50.48
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 92

Train 92: 66it [00:22, 2.92it/s]

dev 92: 100% | 9/9 [00:01<00:00, 5.15it/s]

----- Best dev CoNLLu score: epoch 90 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.46	79.73	79.60	93.58
XPOS	78.46	78.72	78.59	92.40
UFeats	77.03	77.29	77.16	90.72
AllTags	72.84	73.09	72.96	85.78
Lemmas	0.00	0.00	0.00	0.00
UAS	64.21	64.42	64.32	75.62
LAS	55.07	55.26	55.16	64.86
CLAS	49.74	50.00	49.87	62.42
MLAS	40.49	40.70	40.59	50.81
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 93

Train 93: 66it [00:23, 2.82it/s]

dev 93: 100% | 9/9 [00:01<00:00, 5.25it/s]

----- Best dev CoNLLu score: epoch 90 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.37	78.64	78.51	92.30
UFeats	76.87	77.12	76.99	90.52
AllTags	72.59	72.83	72.71	85.49
Lemmas	0.00	0.00	0.00	0.00
UAS	64.21	64.42	64.32	75.62
LAS	55.16	55.34	55.25	64.96
CLAS	49.74	49.87	49.81	62.26

MLAS	40.46	40.57	40.52	50.65
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 94

Train 94: 66it [00:23, 2.85it/s]

dev 94: 100% | 9/9 [00:01<00:00, 5.02it/s]

----- Best dev CoNLLu score: epoch 90 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.46	79.73	79.60	93.58
XPOS	78.46	78.72	78.59	92.40
UFeats	76.78	77.04	76.91	90.42
AllTags	72.59	72.83	72.71	85.49
Lemmas	0.00	0.00	0.00	0.00
UAS	64.12	64.34	64.23	75.52
LAS	55.24	55.42	55.33	65.05
CLAS	49.94	50.00	49.97	62.42
MLAS	40.52	40.57	40.54	50.65
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 95

Train 95: 66it [00:22, 2.92it/s]

dev 95: 100% | 9/9 [00:01<00:00, 5.23it/s]

----- Best dev CoNLLu score: epoch 90 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.46	79.73	79.60	93.58
XPOS	78.46	78.72	78.59	92.40
UFeats	76.87	77.12	76.99	90.52
AllTags	72.59	72.83	72.71	85.49
Lemmas	0.00	0.00	0.00	0.00
UAS	64.21	64.42	64.32	75.62
LAS	55.24	55.42	55.33	65.05
CLAS	49.87	50.00	49.94	62.42
MLAS	40.59	40.70	40.65	50.81
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 96

Train 96: 66it [00:24, 2.74it/s]

dev 96: 100% | 9/9 [00:01<00:00, 5.23it/s]

----- Best dev CoNLLu score: epoch 90 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.37	78.64	78.51	92.30
UFeats	76.78	77.04	76.91	90.42
AllTags	72.59	72.83	72.71	85.49
Lemmas	0.00	0.00	0.00	0.00
UAS	64.21	64.42	64.32	75.62
LAS	55.07	55.26	55.16	64.86
CLAS	49.68	49.61	49.64	61.94
MLAS	40.49	40.44	40.47	50.48

BLEX		0.00		0.00		0.00		0.00
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Posdep tagger: Epoch: 97

Train 97: 66it [00:21, 3.01it/s]

dev 97: 100% | 9/9 [00:01<00:00, 4.98it/s]

----- Best dev CoNLLu score: epoch 90 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.37	78.64	78.51	92.30
UFeats	76.78	77.04	76.91	90.42
AllTags	72.59	72.83	72.71	85.49
Lemmas	0.00	0.00	0.00	0.00
UAS	64.21	64.42	64.32	75.62
LAS	55.32	55.51	55.42	65.15
CLAS	49.87	49.87	49.87	62.26
MLAS	40.57	40.57	40.57	50.65
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 98

Train 98: 66it [00:22, 2.87it/s]

dev 98: 100% | 9/9 [00:01<00:00, 5.32it/s]

----- Best dev CoNLLu score: epoch 90 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.37	78.64	78.51	92.30
UFeats	76.78	77.04	76.91	90.42
AllTags	72.59	72.83	72.71	85.49
Lemmas	0.00	0.00	0.00	0.00
UAS	64.21	64.42	64.32	75.62
LAS	55.24	55.42	55.33	65.05
CLAS	49.81	49.74	49.77	62.10
MLAS	40.62	40.57	40.59	50.65
BLEX	0.00	0.00	0.00	0.00

Posdep tagger: Epoch: 99

Train 99: 66it [00:23, 2.79it/s]

dev 99: 100% | 9/9 [00:01<00:00, 5.53it/s]

----- Best dev CoNLLu score: epoch 90 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.38	79.65	79.51	93.48
XPOS	78.37	78.64	78.51	92.30
UFeats	76.78	77.04	76.91	90.42
AllTags	72.59	72.83	72.71	85.49
Lemmas	0.00	0.00	0.00	0.00
UAS	64.21	64.42	64.32	75.62
LAS	55.24	55.42	55.33	65.05
CLAS	49.81	49.74	49.77	62.10
MLAS	40.62	40.57	40.59	50.65

BLEX		0.00		0.00		0.00		0.00
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Setting up training config...
Initialized lemmatizer trainer
Training dictionary-based lemmatizer
Dev F1 = 82.45

Training seq2seq-based lemmatizer

Train 1: 100% | 196/196 [00:07<00:00, 27.07it/s]

Ensembling dict with seq2seq model

Saving new best model to/amharic_1302_pipeline/xlm-roberta-base/customized-mwt/customized-mwt_lemmatizer.pt

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 2: 100% | 196/196 [00:07<00:00, 26.76it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 3: 100% | 196/196 [00:07<00:00, 26.71it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 4: 100% | 196/196 [00:07<00:00, 26.66it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 5: 100% | ██████████ | 196/196 [00:07<00:00, 26.62it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 6: 100% | ██████████ | 196/196 [00:07<00:00, 26.31it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 7: 100% | ██████████ | 196/196 [00:07<00:00, 26.86it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38

Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 8: 100% | 196/196 [00:07<00:00, 26.97it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 9: 100% | 196/196 [00:07<00:00, 26.23it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 10: 100% | 196/196 [00:07<00:00, 26.83it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 11: 100% | 196/196 [00:06<00:00, 28.53it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 12: 100%|██████████| 196/196 [00:07<00:00, 27.00it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 13: 100%|██████████| 196/196 [00:07<00:00, 26.23it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 14: 100%|██████████| 196/196 [00:07<00:00, 26.44it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94

UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 15: 100% | 196/196 [00:07<00:00, 27.58it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 16: 100% | 196/196 [00:07<00:00, 26.03it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 17: 100% | 196/196 [00:07<00:00, 26.12it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 18: 100% | 196/196 [00:07<00:00, 26.45it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 19: 100% | 196/196 [00:07<00:00, 26.29it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 20: 100% | 196/196 [00:07<00:00, 26.72it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 21: 100% | 196/196 [00:07<00:00, 26.76it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94

UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 22: 100% | 196/196 [00:07<00:00, 27.34it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 23: 100% | 196/196 [00:07<00:00, 26.22it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 24: 100% | 196/196 [00:07<00:00, 26.09it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 25: 100% | 196/196 [00:07<00:00, 26.86it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 26: 100% | 196/196 [00:07<00:00, 26.28it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 27: 100% | 196/196 [00:07<00:00, 26.23it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 28: 100% | 196/196 [00:07<00:00, 25.95it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52

LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 29: 100% | 196/196 [00:07<00:00, 26.04it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 30: 100% | 196/196 [00:07<00:00, 25.77it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 31: 100% | 196/196 [00:07<00:00, 25.58it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 32: 100% | 196/196 [00:07<00:00, 25.51it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 33: 100% | 196/196 [00:07<00:00, 25.29it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 34: 100% | 196/196 [00:07<00:00, 25.80it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 35: 100% | 196/196 [00:07<00:00, 25.88it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94

UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 36: 100% | ██████████ | 196/196 [00:07<00:00, 25.99it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 37: 100% | ██████████ | 196/196 [00:07<00:00, 26.47it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 38: 100% | ██████████ | 196/196 [00:07<00:00, 26.13it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 39: 100% | ██████████ | 196/196 [00:07<00:00, 25.56it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	

Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 40: 100% | 196/196 [00:07<00:00, 25.20it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 41: 100% | 196/196 [00:07<00:00, 25.39it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 42: 100% | 196/196 [00:07<00:00, 26.36it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52

LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 43: 100% | 196/196 [00:07<00:00, 25.99it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 44: 100% | 196/196 [00:07<00:00, 25.57it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 45: 100% | 196/196 [00:07<00:00, 26.31it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 46: 100% | 196/196 [00:07<00:00, 25.96it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 47: 100% | 196/196 [00:07<00:00, 25.86it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 48: 100% | 196/196 [00:07<00:00, 25.74it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 49: 100% | 196/196 [00:07<00:00, 25.91it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35

CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 50: 100% | 196/196 [00:07<00:00, 26.07it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 51: 100% | 196/196 [00:07<00:00, 25.78it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 52: 100% | 196/196 [00:07<00:00, 26.34it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 53: 100% | 196/196 [00:07<00:00, 25.99it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	

Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 54: 100% | 196/196 [00:07<00:00, 25.50it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 55: 100% | 196/196 [00:07<00:00, 25.89it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 56: 100% | 196/196 [00:07<00:00, 25.84it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74

MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 57: 100% | 196/196 [00:07<00:00, 25.68it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 58: 100% | 196/196 [00:07<00:00, 25.47it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 59: 100% | 196/196 [00:07<00:00, 25.64it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 60: 100% | 196/196 [00:07<00:00, 25.72it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	

UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 61: 100% | 196/196 [00:07<00:00, 25.02it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 62: 100% | 196/196 [00:07<00:00, 25.30it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 63: 100% | 196/196 [00:07<00:00, 25.64it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77

BLEX	48.59	48.84	48.71	60.97
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Train 64: 100% | 196/196 [00:07<00:00, 25.19it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 65: 100% | 196/196 [00:07<00:00, 25.36it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 66: 100% | 196/196 [00:07<00:00, 24.89it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 67: 100% | 196/196 [00:07<00:00, 25.36it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	

Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 68: 100% | 196/196 [00:07<00:00, 24.82it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 69: 100% | 196/196 [00:07<00:00, 24.56it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 70: 100% | 196/196 [00:07<00:00, 24.85it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77

BLEX	48.59	48.84	48.71	60.97
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Train 71: 100% | 196/196 [00:07<00:00, 24.89it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 72: 100% | 196/196 [00:07<00:00, 25.98it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 73: 100% | 196/196 [00:07<00:00, 26.05it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 74: 100% | 196/196 [00:07<00:00, 25.53it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	

UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 75: 100% | 196/196 [00:07<00:00, 25.91it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 76: 100% | 196/196 [00:07<00:00, 25.60it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 77: 100% | 196/196 [00:07<00:00, 25.48it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 78: 100% | 196/196 [00:07<00:00, 25.52it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 79: 100% | 196/196 [00:07<00:00, 25.01it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 80: 100% | 196/196 [00:07<00:00, 25.23it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 81: 100% | 196/196 [00:07<00:00, 26.00it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98

XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 82: 100% | 196/196 [00:07<00:00, 25.35it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 83: 100% | 196/196 [00:07<00:00, 25.21it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 84: 100% | 196/196 [00:07<00:00, 25.13it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 85: 100% | 196/196 [00:07<00:00, 25.28it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 86: 100% | 196/196 [00:07<00:00, 25.61it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 87: 100% | 196/196 [00:07<00:00, 25.43it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 88: 100% | 196/196 [00:07<00:00, 25.36it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79

UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 89: 100% | 196/196 [00:07<00:00, 25.76it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 90: 100% | 196/196 [00:07<00:00, 25.86it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 91: 100% | 196/196 [00:07<00:00, 25.87it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 92: 100% | 196/196 [00:07<00:00, 25.00it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 93: 100% | 196/196 [00:07<00:00, 24.95it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 94: 100% | 196/196 [00:07<00:00, 24.98it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 95: 100% | 196/196 [00:07<00:00, 24.70it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82

AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 96: 100% | 196/196 [00:07<00:00, 24.77it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 97: 100% | 196/196 [00:07<00:00, 24.93it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 98: 100% | 196/196 [00:07<00:00, 24.66it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 99: 100% | 196/196 [00:08<00:00, 24.32it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Train 100: 100% | 196/196 [00:07<00:00, 26.74it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	99.21	99.36	99.28	
Sentences	100.00	100.00	100.00	
Words	84.91	85.20	85.05	
UPOS	79.80	80.07	79.93	93.98
XPOS	78.79	79.06	78.93	92.79
UFeats	77.12	77.38	77.25	90.82
AllTags	73.34	73.59	73.47	86.38
Lemmas	82.31	82.59	82.45	96.94
UAS	64.12	64.34	64.23	75.52
LAS	55.49	55.68	55.58	65.35
CLAS	50.00	50.26	50.13	62.74
MLAS	41.26	41.47	41.37	51.77
BLEX	48.59	48.84	48.71	60.97

Training done

```
(trankit_amh) gusjembda@GU.GU.SE@mltgpu:~/MLT-Thesis-Trankit$ nano verify_models.py
(trankit_amh) gusjembda@GU.GU.SE@mltgpu:~/MLT-Thesis-Trankit$ python3 verify_models.py
Customized pipeline is ready to use!
It can be initialized as follows:
```

```
from trankit import Pipeline
p = Pipeline(lang='customized-mwt', cache_dir='./amharic_1302_pipeline')
(trankit_amh) gusjembda@GU.GU.SE@mltgpu:~/MLT-Thesis-Trankit$
```