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gusjembda@GU.GU.SE@mltgpu ~ MLT-Thesis-Trankit$ nano train_parser_amh1.py
gusjembda@GU.GU.SE@mltgpu ~ MLT-Thesis-Trankit$ python3 train_parser_amh1.py
Setting up training config...
tokenizer_config.json: 100%|██████████| 25.0/25.0 [00:00<00:00, 172kB/s]
sentencepiece.bpe.model: 100%|██████████| 5.07M/5.07M [00:00<00:00, 10.6MB/s]
tokenizer.json: 100%|██████████| 9.10M/9.10M [00:00<00:00, 14.0MB/s]
config.json: 100%|██████████| 615/615 [00:00<00:00, 4.93MB/s]

Loaded 17 examples from:
(i) ./amh_att-ud-1000-train.txt
(ii) ./amh_att-ud-1000-train.conllu

Loaded 2 examples from:
(i) ./amh_att-ud-1000-dev.txt
(ii) ./amh_att-ud-1000-dev.conllu

config.json: 100%|██████████| 615/615 [00:00<00:00, 4.97MB/s]
Xet Storage is enabled for this repo, but the 'hf_xet' package is not installed. Falling back to regular HTTP download. For better performance, install the package with: `pip install huggingface_hub[hf_xet]` or `pip install hf_xet`
model.safetensors: 100%|██████████| 1.12G/1.12G [00:09<00:00, 115MB/s]
/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: 5it [00:13,  2.70s/it]
dev 0: 100%|██████████| 1/1 [00:00<00:00,  1.60it/s]
Saving adapter weights to ... ./amharic_1000_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 | 80.23 | 64.49 | 71.50 |
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: 5it [00:13,  2.63s/it]
dev 1: 100%|██████████| 1/1 [00:00<00:00,  1.64it/s]
Saving adapter weights to ... ./amharic_1000_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 | 10.31 | 2.03 | 3.40 |
Sentences | 80.46 | 65.42 | 72.16 |
Words | 10.31 | 1.03 | 1.87 |
UPOS | 0.00 | 0.00 | 0.00 | 0.00 |

```

XPOS	0.00	0.00	0.00	0.00
UFeats	10.31	1.03	1.87	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

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Tokenizer: Epoch: 2

Train 2: 5it [00:12, 2.46s/it]

dev 2: 100% | 1/1 [00:00<00:00, 1.70it/s]

Saving adapter weights to ... ./amharic\_1000\_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
Tokens	87.71	85.57	86.63	
Sentences	94.55	97.20	95.85	
Words	47.29	23.33	31.25	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	43.33	21.38	28.63	91.63
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.62	0.31	0.41	1.32
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

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Tokenizer: Epoch: 3

Train 3: 5it [00:12, 2.52s/it]

dev 3: 100% | 1/1 [00:00<00:00, 1.85it/s]

Saving adapter weights to ... ./amharic\_1000\_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
Tokens	94.22	89.43	91.76	
Sentences	94.55	97.20	95.85	
Words	46.47	22.30	30.14	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	43.90	21.07	28.47	94.47
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.64	0.31	0.42	1.38
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

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Tokenizer: Epoch: 4

Train 4: 5it [00:12, 2.52s/it]

dev 4: 100% | 1/1 [00:00<00:00, 1.84it/s]

Saving adapter weights to ... ./amharic\_1000\_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	96.09	94.92	95.50	
Sentences	94.55	97.20	95.85	

Words	46.50	23.23	30.98	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	43.83	21.89	29.20	94.25
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.62	0.31	0.41	1.33
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

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Tokenizer: Epoch: 5

Train 5: 5it [00:13, 2.61s/it]

dev 5: 100%| 1/1 [00:00<00:00, 1.81it/s]

Saving adapter weights to ... ./amharic\_1000\_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	95.78	96.95	96.36	
Sentences	94.55	97.20	95.85	
Words	48.59	24.87	32.90	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.98	23.02	30.46	92.56
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.20	0.62	0.82	2.48
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

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Tokenizer: Epoch: 6

Train 6: 5it [00:13, 2.62s/it]

dev 6: 100%| 1/1 [00:00<00:00, 1.71it/s]

Saving adapter weights to ... ./amharic\_1000\_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	95.78	96.95	96.36	
Sentences	96.33	98.13	97.22	
Words	48.39	24.77	32.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.98	23.02	30.46	92.95
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.80	0.41	0.54	1.66
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

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Tokenizer: Epoch: 7

Train 7: 5it [00:13, 2.61s/it]

dev 7: 100%| 1/1 [00:00<00:00, 1.84it/s]

Saving adapter weights to ... ./amharic\_1000\_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
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Tokens	97.18	97.97	97.57	
Sentences	96.33	98.13	97.22	
Words	48.59	24.77	32.81	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.16	23.02	30.50	92.95
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.07
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

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Tokenizer: Epoch: 8

Train 8: 5it [00:12, 2.46s/it]

dev 8: 100% | 1/1 [00:00<00:00, 1.77it/s]

Saving adapter weights to ... ./amharic\_1000\_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	97.37	97.76	97.57	
Sentences	96.33	98.13	97.22	
Words	47.98	24.36	32.31	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.94	22.82	30.27	93.67
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.81	0.41	0.55	1.69
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

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Tokenizer: Epoch: 9

Train 9: 5it [00:12, 2.49s/it]

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

Saving adapter weights to ... ./amharic\_1000\_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	98.57	97.76	98.16	
Sentences	95.37	96.26	95.81	
Words	48.16	24.15	32.17	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.88	22.51	29.98	93.19
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.02	0.51	0.68	2.13
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

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Tokenizer: Epoch: 10

Train 10: 5it [00:12, 2.55s/it]

dev 10: 100% | 1/1 [00:00<00:00, 1.81it/s]

Saving adapter weights to ... ./amharic\_1000\_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	95.81	97.56	96.68		
Sentences	95.37	96.26	95.81		
Words	49.30	25.39	33.51		
UPOS	0.00	0.00	0.00	0.00	
XPOS	0.00	0.00	0.00	0.00	
UFeats	45.71	23.54	31.07	92.71	
AllTags	0.00	0.00	0.00	0.00	
Lemmas	0.00	0.00	0.00	0.00	
UAS	1.40	0.72	0.95	2.83	
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	

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Tokenizer: Epoch: 11					
Train 11: 5it [00:12, 2.54s/it]					
dev 11: 100%					1/1 [00:00<00:00, 1.85it/s]

Saving adapter weights to ... ./amharic\_1000\_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	98.98	98.37	98.67		
Sentences	95.37	96.26	95.81		
Words	48.06	24.15	32.15		
UPOS	0.00	0.00	0.00	0.00	
XPOS	0.00	0.00	0.00	0.00	
UFeats	44.99	22.61	30.10	93.62	
AllTags	0.00	0.00	0.00	0.00	
Lemmas	0.00	0.00	0.00	0.00	
UAS	1.02	0.51	0.68	2.13	
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	

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Tokenizer: Epoch: 12					
Train 12: 5it [00:12, 2.44s/it]					
dev 12: 100%					1/1 [00:00<00:00, 1.76it/s]

Saving adapter weights to ... ./amharic\_1000\_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	97.18	97.97	97.57		
Sentences	95.37	96.26	95.81		
Words	48.59	24.77	32.81		
UPOS	0.00	0.00	0.00	0.00	
XPOS	0.00	0.00	0.00	0.00	
UFeats	45.36	23.12	30.63	93.36	
AllTags	0.00	0.00	0.00	0.00	
Lemmas	0.00	0.00	0.00	0.00	
UAS	1.21	0.62	0.82	2.49	
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	

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Tokenizer: Epoch: 13  
Train 13: 5it [00:12, 2.51s/it]  
dev 13: 100% | 1/1 [00:00<00:00, 1.79it/s]  
Saving adapter weights to ... ./amharic\_1000\_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	97.78	98.58	98.18	
Sentences	96.33	98.13	97.22	
Words	48.79	24.87	32.95	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.56	23.23	30.77	93.39
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.21	0.62	0.82	2.48
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

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Tokenizer: Epoch: 14  
Train 14: 5it [00:12, 2.49s/it]  
dev 14: 100% | 1/1 [00:00<00:00, 1.70it/s]  
Saving adapter weights to ... ./amharic\_1000\_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	96.20	97.76	96.98	
Sentences	96.33	98.13	97.22	
Words	49.20	25.28	33.40	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.80	23.54	31.09	93.09
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.20	0.62	0.81	2.44
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

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Tokenizer: Epoch: 15  
Train 15: 5it [00:12, 2.45s/it]  
dev 15: 100% | 1/1 [00:00<00:00, 1.80it/s]  
Saving adapter weights to ... ./amharic\_1000\_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	96.97	97.56	97.26	
Sentences	96.33	98.13	97.22	
Words	49.29	25.08	33.24	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.86	23.33	30.93	93.03
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.21	0.62	0.82	2.46
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

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Tokenizer: Epoch: 16

Train 16: 5it [00:11, 2.39s/it]

dev 16: 100% | 1/1 [00:00<00:00, 1.88it/s]

Saving adapter weights to ... ./amharic\_1000\_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
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Tokens	96.99	98.17	97.58	
Sentences	96.33	98.13	97.22	
Words	48.80	24.97	33.04	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.38	23.23	30.73	93.00
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.00	0.51	0.68	2.06
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

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Tokenizer: Epoch: 17

Train 17: 5it [00:11, 2.31s/it]

dev 17: 100% | 1/1 [00:00<00:00, 1.87it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	99.39	98.78	99.08	
Sentences	96.33	98.13	97.22	
Words	47.85	24.05	32.01	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.19	22.71	30.23	94.44
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.82	0.41	0.55	1.71
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

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Tokenizer: Epoch: 18

Train 18: 5it [00:12, 2.44s/it]

dev 18: 100% | 1/1 [00:00<00:00, 1.80it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	96.20	97.76	96.98	
Sentences	96.33	98.13	97.22	
Words	49.00	25.18	33.27	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.60	23.43	30.96	93.06
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.20	0.62	0.81	2.45
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

\*\*\*\*\*

Tokenizer: Epoch: 19

Train 19: 5it [00:12, 2.42s/it]

dev 19: 100% | 1/1 [00:00<00:00, 1.74it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 19 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.37	97.97	98.17	
Sentences	96.33	98.13	97.22	
Words	47.96	24.15	32.13	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.31	22.82	30.35	94.47
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.02	0.51	0.68	2.13
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: 5it [00:12, 2.51s/it]

dev 20: 100% | 1/1 [00:00<00:00, 1.70it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 20 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	97.37	97.76	97.57	
Sentences	96.33	98.13	97.22	
Words	48.38	24.56	32.58	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.55	23.12	30.67	94.14
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.81	0.41	0.55	1.67
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: 5it [00:12, 2.48s/it]

dev 21: 100% | 1/1 [00:00<00:00, 1.71it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 21 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	97.16	97.36	97.26	
Sentences	96.33	98.13	97.22	
Words	48.28	24.46	32.47	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.44	23.02	30.56	94.12
AllTags	0.00	0.00	0.00	0.00

Lemmas	0.00	0.00	0.00	0.00
UAS	0.81	0.41	0.55	1.68
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

Train 22: 5it [00:12, 2.50s/it]

dev 22: 100% | 1/1 [00:00<00:00, 1.86it/s]

Saving adapter weights to ... ./amharic\_1000\_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	97.78	98.58	98.18	
Sentences	96.33	98.13	97.22	
Words	48.59	24.77	32.81	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.36	23.12	30.63	93.36
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.07
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: 5it [00:12, 2.44s/it]

dev 23: 100% | 1/1 [00:00<00:00, 1.71it/s]

Saving adapter weights to ... ./amharic\_1000\_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	98.38	98.58	98.48	
Sentences	96.33	98.13	97.22	
Words	47.67	24.15	32.06	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.03	22.82	30.29	94.47
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.81	0.41	0.55	1.70
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: 5it [00:12, 2.42s/it]

dev 24: 100% | 1/1 [00:00<00:00, 1.87it/s]

Saving adapter weights to ... ./amharic\_1000\_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	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00

UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.41s/it]

dev 25: 100% | 1/1 [00:00<00:00, 1.86it/s]

Saving adapter weights to ... ./amharic\_1000\_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
Tokens	98.58	98.98	98.78	
Sentences	96.33	98.13	97.22	
Words	48.38	24.56	32.58	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.34	23.02	30.54	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.37s/it]

dev 26: 100% | 1/1 [00:00<00:00, 1.85it/s]

Saving adapter weights to ... ./amharic\_1000\_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
Tokens	98.38	98.58	98.48	
Sentences	96.33	98.13	97.22	
Words	48.07	24.36	32.33	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.44	23.02	30.56	94.51
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.81	0.41	0.55	1.69
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: 5it [00:12, 2.47s/it]

dev 27: 100% | 1/1 [00:00<00:00, 1.90it/s]

Saving adapter weights to ... ./amharic\_1000\_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
Tokens	98.58	98.98	98.78	
Sentences	96.33	98.13	97.22	

Words	48.38	24.56	32.58	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.34	23.02	30.54	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.53s/it]

dev 28: 100%|██████████| 1/1 [00:00<00:00, 1.70it/s]

Saving adapter weights to ... ./amharic\_1000\_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	98.38	98.58	98.48	
Sentences	96.33	98.13	97.22	
Words	48.07	24.36	32.33	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.44	23.02	30.56	94.51
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.81	0.41	0.55	1.69
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: 5it [00:12, 2.56s/it]

dev 29: 100%|██████████| 1/1 [00:00<00:00, 1.66it/s]

Saving adapter weights to ... ./amharic\_1000\_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	98.38	98.58	98.48	
Sentences	96.33	98.13	97.22	
Words	48.48	24.56	32.61	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.44	23.02	30.56	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:13, 2.63s/it]

dev 30: 100%|██████████| 1/1 [00:00<00:00, 1.70it/s]

Saving adapter weights to ... ./amharic\_1000\_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	98.38	98.58	98.48	
Sentences	96.33	98.13	97.22	
Words	48.48	24.56	32.61	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.44	23.02	30.56	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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	98.38	98.58	98.48	
Sentences	96.33	98.13	97.22	
Words	48.48	24.56	32.61	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.44	23.02	30.56	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.60s/it]

dev 31: 100% | 1/1 [00:00<00:00, 1.57it/s]

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.98	98.58	98.78	
Sentences	96.33	98.13	97.22	
Words	47.96	24.15	32.13	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.31	22.82	30.35	94.47
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.82	0.41	0.55	1.70
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: 5it [00:12, 2.57s/it]

dev 32: 100% | 1/1 [00:00<00:00, 1.77it/s]

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	97.98	98.37	98.17	
Sentences	96.33	98.13	97.22	
Words	48.38	24.56	32.58	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.34	23.02	30.54	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.55s/it]

dev 33: 100% | 1/1 [00:00<00:00, 2.02it/s]

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.38	98.58	98.48	
Sentences	96.33	98.13	97.22	
Words	48.48	24.56	32.61	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.44	23.02	30.56	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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	98.17	98.17	98.17	
Sentences	96.33	98.13	97.22	
Words	48.17	24.36	32.35	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.53	23.02	30.58	94.51
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.81	0.41	0.55	1.69
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: 5it [00:11, 2.39s/it]

dev 34: 100% | 1/1 [00:00<00:00, 1.93it/s]

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.78	98.78	98.78	
Sentences	96.33	98.13	97.22	
Words	47.76	24.15	32.08	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.12	22.82	30.31	94.47
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.81	0.41	0.55	1.70
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: 5it [00:12, 2.42s/it]

dev 35: 100% | 1/1 [00:00<00:00, 1.72it/s]

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	97.98	98.37	98.17	
Sentences	96.33	98.13	97.22	
Words	48.38	24.56	32.58	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.34	23.02	30.54	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.55s/it]

dev 36: 100% | 1/1 [00:00<00:00, 1.92it/s]

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.17	98.17	98.17	
Sentences	96.33	98.13	97.22	
Words	48.17	24.36	32.35	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.53	23.02	30.58	94.51
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.81	0.41	0.55	1.69
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	97.38	98.37	97.88	
Sentences	96.33	98.13	97.22	
Words	48.49	24.77	32.79	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.27	23.12	30.61	93.36
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.07
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: 5it [00:11, 2.22s/it]

dev 37: 100% | 1/1 [00:00<00:00, 1.99it/s]

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	97.78	98.58	98.18	
Sentences	96.33	98.13	97.22	
Words	48.19	24.56	32.54	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.16	23.02	30.50	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.22s/it]

dev 38: 100% | 1/1 [00:00<00:00, 1.93it/s]

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	97.98	98.37	98.17	
Sentences	96.33	98.13	97.22	
Words	47.98	24.36	32.31	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.94	22.82	30.27	93.67
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.11
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: 5it [00:11, 2.33s/it]

dev 39: 100% | 1/1 [00:00<00:00, 1.90it/s]

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	98.98	98.58	98.78	

Sentences	96.33	98.13	97.22	
Words	47.96	24.15	32.13	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.31	22.82	30.35	94.47
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	0.82	0.41	0.55	1.70
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: 5it [00:11, 2.31s/it]

dev 40: 100% | 1/1 [00:00<00:00, 1.93it/s]

Metric	Precision	Recall	F1 Score	Best dev CoNLLu score: epoch 30	
				AlignndAcc	
Tokens	96.99	98.17	97.58		
Sentences	96.33	98.13	97.22		
Words	48.39	24.77	32.77		
UPOS	0.00	0.00	0.00	0.00	
XPOS	0.00	0.00	0.00	0.00	
UFeats	45.18	23.12	30.59	93.36	
AllTags	0.00	0.00	0.00	0.00	
Lemmas	0.00	0.00	0.00	0.00	
UAS	1.00	0.51	0.68	2.07	
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: 5it [00:11, 2.31s/it]

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

Metric	Precision	Recall	F1 Score	Best dev CoNLLu score: epoch 30	
				AlignndAcc	
Tokens	97.78	98.58	98.18		
Sentences	96.33	98.13	97.22		
Words	47.98	24.46	32.40		
UPOS	0.00	0.00	0.00	0.00	
XPOS	0.00	0.00	0.00	0.00	
UFeats	44.96	22.92	30.36	93.70	
AllTags	0.00	0.00	0.00	0.00	
Lemmas	0.00	0.00	0.00	0.00	
UAS	1.01	0.51	0.68	2.10	
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: 5it [00:11, 2.33s/it]

dev 42: 100% | 1/1 [00:00<00:00, 2.01it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc

Tokens	99.59	99.19	99.39	
Sentences	96.33	98.13	97.22	
Words	48.16	24.25	32.26	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.10	22.71	30.21	93.64
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.02	0.51	0.68	2.12
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: 5it [00:11, 2.31s/it]

dev 43: 100% | 1/1 [00:00<00:00, 1.75it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.58	98.98	98.78	
Sentences	96.33	98.13	97.22	
Words	48.18	24.46	32.45	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.14	22.92	30.40	93.70
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.10
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: 5it [00:11, 2.33s/it]

dev 44: 100% | 1/1 [00:00<00:00, 1.95it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	97.38	98.37	97.88	
Sentences	96.33	98.13	97.22	
Words	48.49	24.77	32.79	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.27	23.12	30.61	93.36
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.07
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: 5it [00:12, 2.41s/it]

dev 45: 100% | 1/1 [00:00<00:00, 1.89it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	99.59	99.19	99.39	
Sentences	96.33	98.13	97.22	
Words	48.16	24.25	32.26	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.10	22.71	30.21	93.64
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.02	0.51	0.68	2.12
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	96.99	98.17	97.58	
Sentences	96.33	98.13	97.22	
Words	48.39	24.77	32.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.18	23.12	30.59	93.36
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.00	0.51	0.68	2.07
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: 5it [00:11, 2.36s/it]

dev 46: 100% | 1/1 [00:00<00:00, 1.92it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.28s/it]

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

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.58	98.98	98.78	
Sentences	96.33	98.13	97.22	
Words	47.98	24.36	32.31	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	44.94	22.82	30.27	93.67
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.11
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: 5it [00:11, 2.30s/it]

dev 48: 100% | 1/1 [00:00<00:00, 1.90it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	96.99	98.17	97.58	
Sentences	96.33	98.13	97.22	
Words	48.39	24.77	32.77	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.18	23.12	30.59	93.36
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.00	0.51	0.68	2.07
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	97.78	98.58	98.18	
Sentences	96.33	98.13	97.22	
Words	48.59	24.77	32.81	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.36	23.12	30.63	93.36
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.07
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: 5it [00:11, 2.31s/it]

dev 49: 100% | 1/1 [00:00<00:00, 1.87it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	97.38	98.37	97.88	
Sentences	96.33	98.13	97.22	
Words	48.69	24.87	32.93	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.27	23.12	30.61	92.98
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.21	0.62	0.82	2.48
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: 5it [00:11, 2.37s/it]

dev 50: 100% | 1/1 [00:00<00:00, 1.77it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	97.78	98.58	98.18	
Sentences	96.33	98.13	97.22	
Words	48.59	24.77	32.81	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.36	23.12	30.63	93.36
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.07
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: 5it [00:11, 2.35s/it]

dev 51: 100% | 1/1 [00:00<00:00, 2.02it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	97.78	98.58	98.18	
Sentences	96.33	98.13	97.22	
Words	48.59	24.77	32.81	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.36	23.12	30.63	93.36
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.07
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	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.37s/it]

dev 52: 100% | 1/1 [00:00<00:00, 1.82it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.37s/it]

dev 53: 100% | 1/1 [00:00<00:00, 2.17it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.36s/it]

dev 54: 100% | 1/1 [00:00<00:00, 2.14it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	98.18	98.78	98.48	

Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.34s/it]

dev 55: 100% | 1/1 [00:00<00:00, 2.09it/s]

Metric	Best dev CoNLLu score: epoch 42			
	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.35s/it]

dev 56: 100% | 1/1 [00:00<00:00, 1.86it/s]

Metric	Best dev CoNLLu score: epoch 42			
	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.43s/it]

dev 57: 100% | 1/1 [00:00<00:00, 1.69it/s]

Metric	Best dev CoNLLu score: epoch 42			
	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	

Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.38s/it]

dev 58: 100% | 1/1 [00:00<00:00, 1.89it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.30s/it]

dev 59: 100% | 1/1 [00:00<00:00, 1.89it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tokenizer.mdl (9.07 MB)

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	48.48	24.56	32.61	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.44	23.02	30.56	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.30s/it]

dev 60: 100% | 1/1 [00:00<00:00, 1.79it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	

Sentences	96.33	98.13	97.22	
Words	48.48	24.56	32.61	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.44	23.02	30.56	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.44s/it]

dev 61: 100% | 1/1 [00:00<00:00, 1.92it/s]

Metric	Precision	Recall	F1 Score	Best dev CoNLLu score: epoch 59	
				AlignndAcc	
Tokens	98.18	98.78	98.48		
Sentences	96.33	98.13	97.22		
Words	48.28	24.56	32.56		
UPOS	0.00	0.00	0.00	0.00	
XPOS	0.00	0.00	0.00	0.00	
UFeats	45.25	23.02	30.52	93.72	
AllTags	0.00	0.00	0.00	0.00	
Lemmas	0.00	0.00	0.00	0.00	
UAS	1.01	0.51	0.68	2.09	
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: 5it [00:11, 2.39s/it]

dev 62: 100% | 1/1 [00:00<00:00, 1.82it/s]

Metric	Precision	Recall	F1 Score	Best dev CoNLLu score: epoch 59	
				AlignndAcc	
Tokens	97.38	98.37	97.88		
Sentences	96.33	98.13	97.22		
Words	48.69	24.87	32.93		
UPOS	0.00	0.00	0.00	0.00	
XPOS	0.00	0.00	0.00	0.00	
UFeats	45.27	23.12	30.61	92.98	
AllTags	0.00	0.00	0.00	0.00	
Lemmas	0.00	0.00	0.00	0.00	
UAS	1.21	0.62	0.82	2.48	
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: 5it [00:12, 2.47s/it]

dev 63: 100% | 1/1 [00:00<00:00, 1.90it/s]

Metric	Precision	Recall	F1 Score	Best dev CoNLLu score: epoch 59	
				AlignndAcc	
Tokens	97.38	98.37	97.88		

Tokens	97.38	98.37	97.88	
Sentences	96.33	98.13	97.22	
Words	48.69	24.87	32.93	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.27	23.12	30.61	92.98
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.21	0.62	0.82	2.48
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: 5it [00:11, 2.37s/it]

dev 64: 100% | 1/1 [00:00<00:00, 1.72it/s]

Metric	Precision	Recall	F1 Score	Best dev CoNLLu score: epoch 59	
				AlignndAcc	
Tokens	97.78	98.58	98.18		
Sentences	96.33	98.13	97.22		
Words	48.59	24.77	32.81		
UPOS	0.00	0.00	0.00	0.00	
XPOS	0.00	0.00	0.00	0.00	
UFeats	45.36	23.12	30.63	93.36	
AllTags	0.00	0.00	0.00	0.00	
Lemmas	0.00	0.00	0.00	0.00	
UAS	1.01	0.51	0.68	2.07	
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: 5it [00:12, 2.51s/it]

dev 65: 100% | 1/1 [00:00<00:00, 1.72it/s]

Metric	Precision	Recall	F1 Score	Best dev CoNLLu score: epoch 59	
				AlignndAcc	
Tokens	98.18	98.78	98.48		
Sentences	96.33	98.13	97.22		
Words	48.28	24.56	32.56		
UPOS	0.00	0.00	0.00	0.00	
XPOS	0.00	0.00	0.00	0.00	
UFeats	45.25	23.02	30.52	93.72	
AllTags	0.00	0.00	0.00	0.00	
Lemmas	0.00	0.00	0.00	0.00	
UAS	1.01	0.51	0.68	2.09	
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: 5it [00:12, 2.43s/it]

dev 66: 100% | 1/1 [00:00<00:00, 1.88it/s]

Metric	Precision	Recall	F1 Score	Best dev CoNLLu score: epoch 59	
				AlignndAcc	
Tokens	98.18	98.78	98.48		

Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.38s/it]

dev 67: 100% | 1/1 [00:00<00:00, 1.85it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.34s/it]

dev 68: 100% | 1/1 [00:00<00:00, 1.88it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.41s/it]

dev 69: 100% | 1/1 [00:00<00:00, 1.99it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	

Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.30s/it]

dev 70: 100% | 1/1 [00:00<00:00, 1.85it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.35s/it]

dev 71: 100% | 1/1 [00:00<00:00, 1.80it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.43s/it]

dev 72: 100% | 1/1 [00:00<00:00, 1.81it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	

Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.35s/it]

dev 73: 100% | 1/1 [00:00<00:00, 1.88it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.36s/it]

dev 74: 100% | 1/1 [00:00<00:00, 2.11it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.32s/it]

dev 75: 100% | 1/1 [00:00<00:00, 2.14it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	

Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:10, 2.16s/it]

dev 76: 100% |----- Best dev CoNLLu score: epoch 59-----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.29s/it]

dev 77: 100% |----- Best dev CoNLLu score: epoch 59-----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.46s/it]

dev 78: 100% |----- Best dev CoNLLu score: epoch 59-----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	

UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.58s/it]

dev 79: 100% | 1/1 [00:00<00:00, 1.70it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.52s/it]

dev 80: 100% | 1/1 [00:00<00:00, 1.82it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.37s/it]

dev 81: 100% | 1/1 [00:00<00:00, 1.87it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	

UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.48s/it]

dev 82: 100% | 1/1 [00:00<00:00, 1.77it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.50s/it]

dev 83: 100% | 1/1 [00:00<00:00, 1.68it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.57s/it]

dev 84: 100% | 1/1 [00:00<00:00, 1.69it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	

Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.36s/it]

dev 85: 100% | ██████████ | 1/1 [00:00<00:00, 1.97it/s]

-- Best dev CoNLLu score: epoch 59 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.50s/it]

dev 86: 100% | ██████████ | 1/1 [00:00<00:00, 1.65it/s]

-- Best dev CoNLLu score: epoch 59 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.38s/it]

dev 87: 100% | ██████████ | 1/1 [00:00<00:00, 2.06it/s]

-- Best dev CoNLLu score: epoch 59 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00

XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.37s/it]

dev 88: 100% | 1/1 [00:00<00:00, 1.68it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.39s/it]

dev 89: 100% | 1/1 [00:00<00:00, 1.66it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.36s/it]

dev 90: 100% | 1/1 [00:00<00:00, 1.94it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	

UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.37s/it]

dev 91: 100% | [ ] 1/1 [00:00<00:00, 1.80it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.36s/it]

dev 92: 100% | [ ] 1/1 [00:00<00:00, 1.92it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.34s/it]

dev 93: 100% | [ ] 1/1 [00:00<00:00, 1.72it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00

XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 94

Train 94: 5it [00:12, 2.47s/it]

dev 94: 100% | 1/1 [00:00<00:00, 1.79it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.34s/it]

dev 95: 100% | 1/1 [00:00<00:00, 1.83it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.28s/it]

dev 96: 100% | 1/1 [00:00<00:00, 1.86it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00

XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.38s/it]

dev 97: 100% | 1/1 [00:00<00:00, 1.63it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:12, 2.48s/it]

dev 98: 100% | 1/1 [00:00<00:00, 1.80it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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: 5it [00:11, 2.27s/it]

dev 99: 100% | 1/1 [00:00<00:00, 1.83it/s]

----- Best dev CoNLLu score: epoch 59 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.18	98.78	98.48	
Sentences	96.33	98.13	97.22	
Words	48.28	24.56	32.56	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00

UFeatS	45.25	23.02	30.52	93.72
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	1.01	0.51	0.68	2.09
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 = 60.17

Training seq2seq-based MWT expander...

```
Train 1: 100%|██████████| 43/43 [00:03<00:00, 13.50it/s]
epoch 1: train_loss = 4.155070, dev_score = 0.3818
new best model saved.

Train 2: 100%|██████████| 43/43 [00:02<00:00, 18.84it/s]
epoch 2: train_loss = 3.157457, dev_score = 0.3219
Train 3: 100%|██████████| 43/43 [00:02<00:00, 17.64it/s]
epoch 3: train_loss = 2.774716, dev_score = 0.3315
Train 4: 100%|██████████| 43/43 [00:02<00:00, 18.46it/s]
epoch 4: train_loss = 2.598987, dev_score = 0.3021
Train 5: 100%|██████████| 43/43 [00:02<00:00, 17.41it/s]
epoch 5: train_loss = 2.477155, dev_score = 0.3033
Train 6: 100%|██████████| 43/43 [00:02<00:00, 18.68it/s]
epoch 6: train_loss = 2.361005, dev_score = 0.3251
Train 7: 100%|██████████| 43/43 [00:02<00:00, 19.55it/s]
epoch 7: train_loss = 2.243130, dev_score = 0.3501
Train 8: 100%|██████████| 43/43 [00:02<00:00, 18.67it/s]
epoch 8: train_loss = 2.115722, dev_score = 0.3561
Train 9: 100%|██████████| 43/43 [00:02<00:00, 17.83it/s]
epoch 9: train_loss = 2.006972, dev_score = 0.3974
new best model saved.

Train 10: 100%|██████████| 43/43 [00:02<00:00, 17.57it/s]
epoch 10: train_loss = 1.892154, dev_score = 0.3972
Train 11: 100%|██████████| 43/43 [00:02<00:00, 19.26it/s]
epoch 11: train_loss = 1.793030, dev_score = 0.4232
new best model saved.

Train 12: 100%|██████████| 43/43 [00:02<00:00, 19.72it/s]
epoch 12: train_loss = 1.697103, dev_score = 0.4706
new best model saved.

Train 13: 100%|██████████| 43/43 [00:02<00:00, 18.73it/s]
epoch 13: train_loss = 1.605899, dev_score = 0.4995
new best model saved.

Train 14: 100%|██████████| 43/43 [00:02<00:00, 19.07it/s]
epoch 14: train_loss = 1.515651, dev_score = 0.5144
new best model saved.

Train 15: 100%|██████████| 43/43 [00:02<00:00, 18.99it/s]
epoch 15: train_loss = 1.422322, dev_score = 0.5438
new best model saved.

Train 16: 100%|██████████| 43/43 [00:02<00:00, 19.53it/s]
epoch 16: train_loss = 1.331221, dev_score = 0.5770
new best model saved.

Train 17: 100%|██████████| 43/43 [00:02<00:00, 19.07it/s]
epoch 17: train_loss = 1.245059, dev_score = 0.5928
new best model saved.

Train 18: 100%|██████████| 43/43 [00:02<00:00, 18.38it/s]
epoch 18: train_loss = 1.147219, dev_score = 0.6145
new best model saved.

Train 19: 100%|██████████| 43/43 [00:02<00:00, 17.85it/s]
epoch 19: train_loss = 1.070381, dev_score = 0.6344
new best model saved.
```

Train 20: 100% | [██████████] | 43/43 [00:02<00:00, 19.59it/s]  
epoch 20: train\_loss = 0.985797, dev\_score = 0.6507  
new best model saved.  
Train 21: 100% | [██████████] | 43/43 [00:02<00:00, 19.31it/s]  
epoch 21: train\_loss = 0.925807, dev\_score = 0.6767  
new best model saved.  
Train 22: 100% | [██████████] | 43/43 [00:02<00:00, 19.23it/s]  
epoch 22: train\_loss = 0.863089, dev\_score = 0.6904  
new best model saved.  
Train 23: 100% | [██████████] | 43/43 [00:02<00:00, 19.41it/s]  
epoch 23: train\_loss = 0.804417, dev\_score = 0.7178  
new best model saved.  
Train 24: 100% | [██████████] | 43/43 [00:02<00:00, 19.26it/s]  
epoch 24: train\_loss = 0.751234, dev\_score = 0.7202  
new best model saved.  
Train 25: 100% | [██████████] | 43/43 [00:02<00:00, 18.28it/s]  
epoch 25: train\_loss = 0.714018, dev\_score = 0.7214  
new best model saved.  
Train 26: 100% | [██████████] | 43/43 [00:02<00:00, 17.86it/s]  
epoch 26: train\_loss = 0.663081, dev\_score = 0.7394  
new best model saved.  
Train 27: 100% | [██████████] | 43/43 [00:02<00:00, 19.69it/s]  
epoch 27: train\_loss = 0.640116, dev\_score = 0.7452  
new best model saved.  
Train 28: 100% | [██████████] | 43/43 [00:02<00:00, 19.32it/s]  
epoch 28: train\_loss = 0.607137, dev\_score = 0.7540  
new best model saved.  
Train 29: 100% | [██████████] | 43/43 [00:02<00:00, 19.50it/s]  
epoch 29: train\_loss = 0.570294, dev\_score = 0.7478  
Train 30: 100% | [██████████] | 43/43 [00:02<00:00, 19.70it/s]  
epoch 30: train\_loss = 0.548208, dev\_score = 0.7674  
new best model saved.  
Train 31: 100% | [██████████] | 43/43 [00:02<00:00, 18.55it/s]  
epoch 31: train\_loss = 0.513545, dev\_score = 0.7592  
Train 32: 100% | [██████████] | 43/43 [00:02<00:00, 19.48it/s]  
epoch 32: train\_loss = 0.492592, dev\_score = 0.7648  
Train 33: 100% | [██████████] | 43/43 [00:02<00:00, 19.95it/s]  
epoch 33: train\_loss = 0.480445, dev\_score = 0.7658  
Train 34: 100% | [██████████] | 43/43 [00:02<00:00, 18.75it/s]  
epoch 34: train\_loss = 0.457371, dev\_score = 0.7670  
Train 35: 100% | [██████████] | 43/43 [00:02<00:00, 18.38it/s]  
epoch 35: train\_loss = 0.436021, dev\_score = 0.7797  
new best model saved.  
Train 36: 100% | [██████████] | 43/43 [00:02<00:00, 18.28it/s]  
epoch 36: train\_loss = 0.417924, dev\_score = 0.7824  
new best model saved.  
Train 37: 100% | [██████████] | 43/43 [00:02<00:00, 16.98it/s]  
epoch 37: train\_loss = 0.413701, dev\_score = 0.7916  
new best model saved.  
Train 38: 100% | [██████████] | 43/43 [00:02<00:00, 19.99it/s]  
epoch 38: train\_loss = 0.386920, dev\_score = 0.7863  
Train 39: 100% | [██████████] | 43/43 [00:02<00:00, 19.87it/s]  
epoch 39: train\_loss = 0.382414, dev\_score = 0.7946  
new best model saved.  
Train 40: 100% | [██████████] | 43/43 [00:02<00:00, 18.10it/s]  
epoch 40: train\_loss = 0.366635, dev\_score = 0.7952  
new best model saved.  
Train 41: 100% | [██████████] | 43/43 [00:02<00:00, 19.62it/s]  
epoch 41: train\_loss = 0.353310, dev\_score = 0.8046  
new best model saved.  
Train 42: 100% | [██████████] | 43/43 [00:02<00:00, 19.88it/s]  
epoch 42: train\_loss = 0.343976, dev\_score = 0.8054  
new best model saved.

Train 43: 100%|██████████| 43/43 [00:02<00:00, 19.33it/s]  
epoch 43: train\_loss = 0.332223, dev\_score = 0.8044  
Train 44: 100%|██████████| 43/43 [00:02<00:00, 19.69it/s]  
epoch 44: train\_loss = 0.320745, dev\_score = 0.8091  
new best model saved.  
Train 45: 100%|██████████| 43/43 [00:02<00:00, 18.10it/s]  
epoch 45: train\_loss = 0.305905, dev\_score = 0.8131  
new best model saved.  
Train 46: 100%|██████████| 43/43 [00:02<00:00, 19.19it/s]  
epoch 46: train\_loss = 0.300202, dev\_score = 0.8125  
Train 47: 100%|██████████| 43/43 [00:02<00:00, 17.73it/s]  
epoch 47: train\_loss = 0.294974, dev\_score = 0.8162  
new best model saved.  
Train 48: 100%|██████████| 43/43 [00:02<00:00, 17.96it/s]  
epoch 48: train\_loss = 0.282700, dev\_score = 0.8166  
new best model saved.  
Train 49: 100%|██████████| 43/43 [00:02<00:00, 19.45it/s]  
epoch 49: train\_loss = 0.273951, dev\_score = 0.8139  
Train 50: 100%|██████████| 43/43 [00:02<00:00, 17.84it/s]  
epoch 50: train\_loss = 0.276123, dev\_score = 0.8222  
new best model saved.  
Train 51: 100%|██████████| 43/43 [00:02<00:00, 19.24it/s]  
epoch 51: train\_loss = 0.268922, dev\_score = 0.8155  
Train 52: 100%|██████████| 43/43 [00:02<00:00, 18.64it/s]  
epoch 52: train\_loss = 0.262830, dev\_score = 0.8205  
Train 53: 100%|██████████| 43/43 [00:02<00:00, 19.40it/s]  
epoch 53: train\_loss = 0.246722, dev\_score = 0.8230  
new best model saved.  
Train 54: 100%|██████████| 43/43 [00:02<00:00, 18.92it/s]  
epoch 54: train\_loss = 0.247758, dev\_score = 0.8266  
new best model saved.  
Train 55: 100%|██████████| 43/43 [00:02<00:00, 19.87it/s]  
epoch 55: train\_loss = 0.244984, dev\_score = 0.8229  
Train 56: 100%|██████████| 43/43 [00:02<00:00, 19.92it/s]  
epoch 56: train\_loss = 0.237419, dev\_score = 0.8306  
new best model saved.  
Train 57: 100%|██████████| 43/43 [00:02<00:00, 19.83it/s]  
epoch 57: train\_loss = 0.223219, dev\_score = 0.8246  
Train 58: 100%|██████████| 43/43 [00:02<00:00, 19.30it/s]  
epoch 58: train\_loss = 0.222821, dev\_score = 0.8305  
Train 59: 100%|██████████| 43/43 [00:02<00:00, 19.73it/s]  
epoch 59: train\_loss = 0.219809, dev\_score = 0.8313  
new best model saved.  
Train 60: 100%|██████████| 43/43 [00:02<00:00, 19.73it/s]  
epoch 60: train\_loss = 0.213532, dev\_score = 0.8309  
Train 61: 100%|██████████| 43/43 [00:02<00:00, 18.65it/s]  
epoch 61: train\_loss = 0.214161, dev\_score = 0.8303  
Train 62: 100%|██████████| 43/43 [00:02<00:00, 19.32it/s]  
epoch 62: train\_loss = 0.209280, dev\_score = 0.8332  
new best model saved.  
Train 63: 100%|██████████| 43/43 [00:02<00:00, 19.34it/s]  
epoch 63: train\_loss = 0.196831, dev\_score = 0.8290  
Train 64: 100%|██████████| 43/43 [00:02<00:00, 17.05it/s]  
epoch 64: train\_loss = 0.203663, dev\_score = 0.8297  
Train 65: 100%|██████████| 43/43 [00:02<00:00, 18.94it/s]  
epoch 65: train\_loss = 0.186320, dev\_score = 0.8374  
new best model saved.  
Train 66: 100%|██████████| 43/43 [00:02<00:00, 20.15it/s]  
epoch 66: train\_loss = 0.186707, dev\_score = 0.8312  
Train 67: 100%|██████████| 43/43 [00:02<00:00, 20.32it/s]  
epoch 67: train\_loss = 0.186238, dev\_score = 0.8287  
Train 68: 100%|██████████| 43/43 [00:02<00:00, 20.27it/s]  
epoch 68: train\_loss = 0.182630, dev\_score = 0.8259  
Train 69: 100%|██████████| 43/43 [00:02<00:00, 20.20it/s]

```
epoch 69: train_loss = 0.178462, dev_score = 0.8308
Train 70: 100%|██████████| 43/43 [00:02<00:00, 20.30it/s]
epoch 70: train_loss = 0.175946, dev_score = 0.8347
Train 71: 100%|██████████| 43/43 [00:02<00:00, 20.62it/s]
epoch 71: train_loss = 0.168787, dev_score = 0.8297
Train 72: 100%|██████████| 43/43 [00:02<00:00, 18.09it/s]
epoch 72: train_loss = 0.171379, dev_score = 0.8337
Train 73: 100%|██████████| 43/43 [00:02<00:00, 20.26it/s]
epoch 73: train_loss = 0.167200, dev_score = 0.8375
new best model saved.
Train 74: 100%|██████████| 43/43 [00:02<00:00, 20.43it/s]
epoch 74: train_loss = 0.169566, dev_score = 0.8425
new best model saved.
Train 75: 100%|██████████| 43/43 [00:03<00:00, 13.89it/s]
epoch 75: train_loss = 0.159839, dev_score = 0.8399
Train 76: 100%|██████████| 43/43 [00:02<00:00, 20.28it/s]
epoch 76: train_loss = 0.157726, dev_score = 0.8451
new best model saved.
Train 77: 100%|██████████| 43/43 [00:02<00:00, 19.89it/s]
epoch 77: train_loss = 0.154736, dev_score = 0.8434
Train 78: 100%|██████████| 43/43 [00:02<00:00, 20.23it/s]
epoch 78: train_loss = 0.146115, dev_score = 0.8477
new best model saved.
Train 79: 100%|██████████| 43/43 [00:02<00:00, 19.71it/s]
epoch 79: train_loss = 0.154326, dev_score = 0.8396
Train 80: 100%|██████████| 43/43 [00:02<00:00, 19.46it/s]
epoch 80: train_loss = 0.150247, dev_score = 0.8317
Train 81: 100%|██████████| 43/43 [00:02<00:00, 19.76it/s]
epoch 81: train_loss = 0.147209, dev_score = 0.8551
new best model saved.
Train 82: 100%|██████████| 43/43 [00:02<00:00, 19.80it/s]
epoch 82: train_loss = 0.144794, dev_score = 0.8464
Train 83: 100%|██████████| 43/43 [00:02<00:00, 18.46it/s]
epoch 83: train_loss = 0.143844, dev_score = 0.8444
Train 84: 100%|██████████| 43/43 [00:02<00:00, 19.57it/s]
epoch 84: train_loss = 0.139526, dev_score = 0.8564
new best model saved.
Train 85: 100%|██████████| 43/43 [00:02<00:00, 19.94it/s]
epoch 85: train_loss = 0.136242, dev_score = 0.8514
Train 86: 100%|██████████| 43/43 [00:02<00:00, 18.47it/s]
epoch 86: train_loss = 0.132652, dev_score = 0.8468
Train 87: 100%|██████████| 43/43 [00:02<00:00, 19.79it/s]
epoch 87: train_loss = 0.130210, dev_score = 0.8458
Train 88: 100%|██████████| 43/43 [00:02<00:00, 19.84it/s]
epoch 88: train_loss = 0.133373, dev_score = 0.8512
Train 89: 100%|██████████| 43/43 [00:02<00:00, 19.29it/s]
epoch 89: train_loss = 0.130217, dev_score = 0.8551
Train 90: 100%|██████████| 43/43 [00:02<00:00, 19.17it/s]
epoch 90: train_loss = 0.128726, dev_score = 0.8515
Train 91: 100%|██████████| 43/43 [00:02<00:00, 18.60it/s]
epoch 91: train_loss = 0.119742, dev_score = 0.8458
Train 92: 100%|██████████| 43/43 [00:02<00:00, 19.45it/s]
epoch 92: train_loss = 0.122361, dev_score = 0.8511
Train 93: 100%|██████████| 43/43 [00:02<00:00, 18.62it/s]
epoch 93: train_loss = 0.120853, dev_score = 0.8592
new best model saved.
Train 94: 100%|██████████| 43/43 [00:02<00:00, 19.28it/s]
epoch 94: train_loss = 0.117250, dev_score = 0.8429
Train 95: 100%|██████████| 43/43 [00:02<00:00, 18.77it/s]
epoch 95: train_loss = 0.116974, dev_score = 0.8510
Train 96: 100%|██████████| 43/43 [00:02<00:00, 18.12it/s]
epoch 96: train_loss = 0.114178, dev_score = 0.8557
Train 97: 100%|██████████| 43/43 [00:02<00:00, 18.15it/s]
```

```
epoch 97: train_loss = 0.112354, dev_score = 0.8518
Train 98: 100%|██████████| 43/43 [00:02<00:00, 18.93it/s]
epoch 98: train_loss = 0.109490, dev_score = 0.8437
Train 99: 100%|██████████| 43/43 [00:02<00:00, 17.93it/s]
epoch 99: train_loss = 0.106192, dev_score = 0.8403
Train 100: 100%|██████████| 43/43 [00:02<00:00, 19.60it/s]
epoch 100: train_loss = 0.102072, dev_score = 0.8557
Training done.
```

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	0.00	0.00	0.00	0.00
XPOS	0.00	0.00	0.00	0.00
UFeats	51.04	50.26	50.65	58.56
AllTags	0.00	0.00	0.00	0.00
Lemmas	0.00	0.00	0.00	0.00
UAS	17.22	16.96	17.09	19.76
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 859 entries from ./amh\_att-ud-1000-train.conllu

Loaded 109 entries from ./amharic\_1000\_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: 54it [00:21, 2.46it/s]

dev 0: 100%|██████████| 7/7 [00:01<00:00, 4.86it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	51.57	50.77	51.17	59.16
XPOS	44.99	44.30	44.64	51.62
UFeats	51.04	50.26	50.65	58.56
AllTags	21.92	21.58	21.75	25.15
Lemmas	0.00	0.00	0.00	0.00
UAS	29.23	28.78	29.00	33.53
LAS	14.41	14.18	14.29	16.53
CLAS	14.70	13.87	14.27	17.03
MLAS	0.34	0.32	0.33	0.40
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 1

Train 1: 54it [00:21, 2.55it/s]

dev 1: 100%|██████████| 7/7 [00:01<00:00, 5.44it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	73.90	72.76	73.33	84.79
XPOS	70.15	69.06	69.60	80.48
UFeats	68.79	67.73	68.25	78.92
AllTags	59.08	58.17	58.62	67.78
Lemmas	0.00	0.00	0.00	0.00
UAS	45.72	45.02	45.37	52.46
LAS	33.51	32.99	33.25	38.44
CLAS	27.45	24.84	26.08	30.50
MLAS	13.37	12.10	12.70	14.85
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 2

Train 2: 54it [00:21, 2.54it/s]

dev 2: 100% | 7/7 [00:01<00:00, 5.35it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	80.06	78.83	79.44	91.86
XPOS	78.50	77.29	77.89	90.06
UFeats	75.05	73.90	74.47	86.11
AllTags	69.73	68.65	69.19	80.00
Lemmas	0.00	0.00	0.00	0.00
UAS	52.71	51.90	52.30	60.48
LAS	41.13	40.49	40.81	47.19
CLAS	34.83	33.71	34.26	41.39
MLAS	22.00	21.29	21.64	26.14
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 3

Train 3: 54it [00:21, 2.52it/s]

dev 3: 100% | 7/7 [00:01<00:00, 5.36it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.00	79.75	80.37	92.93
XPOS	79.65	78.42	79.03	91.38
UFeats	77.14	75.95	76.54	88.50
AllTags	72.55	71.43	71.98	83.23
Lemmas	0.00	0.00	0.00	0.00
UAS	55.53	54.68	55.10	63.71
LAS	43.95	43.27	43.60	50.42
CLAS	37.74	35.48	36.58	43.56
MLAS	27.27	25.65	26.43	31.49
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 4

Train 4: 54it [00:21, 2.57it/s]

dev 4: 100% | 7/7 [00:01<00:00, 5.42it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	78.50	77.29	77.89	90.06
XPOS	77.04	75.85	76.44	88.38
UFeats	77.87	76.67	77.27	89.34
AllTags	70.77	69.68	70.22	81.20
Lemmas	0.00	0.00	0.00	0.00
UAS	59.29	58.38	58.83	68.02
LAS	44.68	43.99	44.33	51.26
CLAS	37.75	39.03	38.38	47.92
MLAS	27.30	28.23	27.76	34.65
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 5

Train 5: 54it [00:20, 2.61it/s]

dev 5: 100% | 7/7 [00:01<00:00, 5.38it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.32	80.06	80.68	93.29
XPOS	80.27	79.03	79.65	92.10
UFeats	78.71	77.49	78.09	90.30
AllTags	74.84	73.69	74.26	85.87
Lemmas	0.00	0.00	0.00	0.00
UAS	60.44	59.51	59.97	69.34
LAS	50.31	49.54	49.92	57.72
CLAS	42.38	40.81	41.58	50.10
MLAS	32.16	30.97	31.55	38.02
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 6

Train 6: 54it [00:18, 2.90it/s]

dev 6: 100% | 7/7 [00:01<00:00, 5.60it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	80.90	79.65	80.27	92.81
XPOS	79.65	78.42	79.03	91.38
UFeats	78.91	77.70	78.30	90.54
AllTags	74.32	73.18	73.74	85.27
Lemmas	0.00	0.00	0.00	0.00
UAS	59.71	58.79	59.24	68.50
LAS	49.37	48.61	48.99	56.65
CLAS	41.37	39.84	40.59	48.91
MLAS	31.16	30.00	30.57	36.83
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 7  
Train 7: 54it [00:17, 3.11it/s]  
dev 7: 100% | 7/7 [00:01<00:00, 6.88it/s]  
Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)  
----- Best dev CoNLLu score: epoch 7 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	80.79	79.55	80.17	92.69
XPOS	79.96	78.73	79.34	91.74
UFeats	78.71	77.49	78.09	90.30
AllTags	74.11	72.97	73.54	85.03
Lemmas	0.00	0.00	0.00	0.00
UAS	61.69	60.74	61.21	70.78
LAS	50.73	49.95	50.34	58.20
CLAS	43.52	42.26	42.88	51.88
MLAS	33.55	32.58	33.06	40.00
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*  
Posdep tagger: Epoch: 8  
Train 8: 54it [00:19, 2.75it/s]  
dev 8: 100% | 7/7 [00:01<00:00, 5.56it/s]  
Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)  
----- Best dev CoNLLu score: epoch 8 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	80.90	79.65	80.27	92.81
UFeats	78.91	77.70	78.30	90.54
AllTags	75.26	74.10	74.68	86.35
Lemmas	0.00	0.00	0.00	0.00
UAS	62.32	61.36	61.83	71.50
LAS	52.51	51.70	52.10	60.24
CLAS	44.68	43.39	44.03	53.27
MLAS	35.71	34.68	35.19	42.57
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*  
Posdep tagger: Epoch: 9  
Train 9: 54it [00:18, 2.86it/s]  
dev 9: 100% | 7/7 [00:01<00:00, 5.18it/s]  
Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)  
----- Best dev CoNLLu score: epoch 9 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.00	79.75	80.37	92.93
UFeats	79.33	78.11	78.72	91.02
AllTags	75.26	74.10	74.68	86.35
Lemmas	0.00	0.00	0.00	0.00
UAS	62.42	61.46	61.94	71.62
LAS	53.24	52.42	52.82	61.08
CLAS	45.14	44.19	44.66	54.26
MLAS	35.75	35.00	35.37	42.97

BLEX | 0.00 | 0.00 | 0.00 | 0.00

\*\*\*\*\*

Posdep tagger: Epoch: 10

Train 10: 54it [00:18, 2.95it/s]

dev 10: 100%|██████████| 7/7 [00:01<00:00, 6.23it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.00	79.75	80.37	92.93
XPOS	79.85	78.62	79.23	91.62
UFeats	78.81	77.60	78.20	90.42
AllTags	74.43	73.28	73.85	85.39
Lemmas	0.00	0.00	0.00	0.00
UAS	61.17	60.23	60.69	70.18
LAS	52.09	51.28	51.68	59.76
CLAS	45.62	44.52	45.06	54.65
MLAS	36.69	35.81	36.24	43.96
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 11

Train 11: 54it [00:18, 3.00it/s]

dev 11: 100%|██████████| 7/7 [00:01<00:00, 6.21it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.05	80.78	81.41	94.13
XPOS	81.11	79.86	80.48	93.05
UFeats	79.23	78.01	78.61	90.90
AllTags	75.16	74.00	74.57	86.23
Lemmas	0.00	0.00	0.00	0.00
UAS	62.21	61.25	61.73	71.38
LAS	52.61	51.80	52.20	60.36
CLAS	45.79	45.65	45.72	56.04
MLAS	35.44	35.32	35.38	43.37
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 12

Train 12: 54it [00:18, 2.95it/s]

dev 12: 100%|██████████| 7/7 [00:01<00:00, 6.24it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.11	79.86	80.48	93.05
XPOS	80.27	79.03	79.65	92.10
UFeats	78.39	77.18	77.78	89.94
AllTags	74.43	73.28	73.85	85.39
Lemmas	0.00	0.00	0.00	0.00
UAS	62.84	61.87	62.35	72.10
LAS	52.71	51.90	52.30	60.48

CLAS	45.08	43.55	44.30	53.47
MLAS	35.89	34.68	35.27	42.57
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 13

Train 13: 54it [00:18, 2.98it/s]

dev 13: 100% | 7/7 [00:01<00:00, 6.24it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.73	80.47	81.10	93.77
XPOS	80.90	79.65	80.27	92.81
UFeats	78.71	77.49	78.09	90.30
AllTags	75.37	74.20	74.78	86.47
Lemmas	0.00	0.00	0.00	0.00
UAS	61.80	60.84	61.32	70.90
LAS	53.34	52.52	52.93	61.20
CLAS	46.83	45.32	46.07	55.64
MLAS	38.00	36.77	37.38	45.15
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 14

Train 14: 54it [00:18, 3.00it/s]

dev 14: 100% | 7/7 [00:01<00:00, 6.27it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.42	80.16	80.79	93.41
XPOS	80.48	79.24	79.85	92.34
UFeats	79.23	78.01	78.61	90.90
AllTags	75.16	74.00	74.57	86.23
Lemmas	0.00	0.00	0.00	0.00
UAS	62.32	61.36	61.83	71.50
LAS	53.24	52.42	52.82	61.08
CLAS	46.57	45.97	46.27	56.44
MLAS	38.07	37.58	37.82	46.14
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 15

Train 15: 54it [00:17, 3.02it/s]

dev 15: 100% | 7/7 [00:01<00:00, 6.25it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.63	80.37	80.99	93.65
XPOS	80.79	79.55	80.17	92.69
UFeats	79.23	78.01	78.61	90.90
AllTags	75.57	74.41	74.99	86.71

Lemmas	0.00	0.00	0.00	0.00
UAS	62.73	61.77	62.25	71.98
LAS	53.03	52.21	52.62	60.84
CLAS	45.93	45.48	45.71	55.84
MLAS	37.30	36.94	37.12	45.35
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 16

Train 16: 54it [00:19, 2.73it/s]

dev 16: 100% | 7/7 [00:01<00:00, 5.45it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.21	79.96	80.58	93.17
XPOS	80.27	79.03	79.65	92.10
UFeats	79.12	77.90	78.51	90.78
AllTags	75.05	73.90	74.47	86.11
Lemmas	0.00	0.00	0.00	0.00
UAS	62.00	61.05	61.52	71.14
LAS	52.71	51.90	52.30	60.48
CLAS	45.56	44.68	45.11	54.85
MLAS	37.66	36.94	37.30	45.35
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 17

Train 17: 54it [00:19, 2.78it/s]

dev 17: 100% | 7/7 [00:01<00:00, 6.21it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.73	80.47	81.10	93.77
XPOS	80.79	79.55	80.17	92.69
UFeats	79.02	77.80	78.40	90.66
AllTags	75.37	74.20	74.78	86.47
Lemmas	0.00	0.00	0.00	0.00
UAS	61.90	60.95	61.42	71.02
LAS	53.24	52.42	52.82	61.08
CLAS	46.50	45.00	45.74	55.25
MLAS	37.50	36.29	36.89	44.55
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 18

Train 18: 54it [00:18, 2.99it/s]

dev 18: 100% | 7/7 [00:01<00:00, 6.28it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	

UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.23	78.01	78.61	90.90
AllTags	75.78	74.61	75.19	86.95
Lemmas	0.00	0.00	0.00	0.00
UAS	62.84	61.87	62.35	72.10
LAS	54.18	53.34	53.75	62.16
CLAS	47.38	46.61	46.99	57.23
MLAS	38.85	38.23	38.54	46.93
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 19

Train 19: 54it [00:18, 2.89it/s]

dev 19: 100% | 7/7 [00:00<00:00, 7.13it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

----- Best dev CoNLLu score: epoch 19 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.67	81.40	82.03	94.85
XPOS	81.73	80.47	81.10	93.77
UFeats	79.12	77.90	78.51	90.78
AllTags	75.57	74.41	74.99	86.71
Lemmas	0.00	0.00	0.00	0.00
UAS	62.42	61.46	61.94	71.62
LAS	54.07	53.24	53.65	62.04
CLAS	47.44	46.29	46.86	56.83
MLAS	38.02	37.10	37.55	45.54
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 20

Train 20: 54it [00:17, 3.06it/s]

dev 20: 100% | 7/7 [00:00<00:00, 7.29it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

----- Best dev CoNLLu score: epoch 20 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.05	80.78	81.41	94.13
XPOS	81.21	79.96	80.58	93.17
UFeats	79.44	78.21	78.82	91.14
AllTags	75.99	74.82	75.40	87.19
Lemmas	0.00	0.00	0.00	0.00
UAS	62.73	61.77	62.25	71.98
LAS	54.07	53.24	53.65	62.04
CLAS	47.15	46.61	46.88	57.23
MLAS	38.66	38.23	38.44	46.93
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 21

Train 21: 54it [00:16, 3.18it/s]

dev 21: 100% | 7/7 [00:01<00:00, 6.25it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

----- Best dev CoNLLu score: epoch 21 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	

Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.73	80.47	81.10	93.77
XPOS	80.79	79.55	80.17	92.69
UFeats	78.91	77.70	78.30	90.54
ALLTags	75.37	74.20	74.78	86.47
Lemmas	0.00	0.00	0.00	0.00
UAS	62.32	61.36	61.83	71.50
LAS	54.49	53.65	54.07	62.51
CLAS	47.39	46.94	47.16	57.62
MLAS	38.93	38.55	38.74	47.33
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 22

Train 22: 54it [00:18, 2.92it/s]

dev 22: 100% | 7/7 [00:01<00:00, 6.21it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

----- Best dev CoNLLu score: epoch 22 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.44	78.21	78.82	91.14
ALLTags	76.30	75.13	75.71	87.54
Lemmas	0.00	0.00	0.00	0.00
UAS	63.88	62.90	63.39	73.29
LAS	54.70	53.85	54.27	62.75
CLAS	47.50	47.58	47.54	58.42
MLAS	38.49	38.55	38.52	47.33
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 23

Train 23: 54it [00:19, 2.82it/s]

dev 23: 100% | 7/7 [00:01<00:00, 6.01it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

----- Best dev CoNLLu score: epoch 23 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.42	80.16	80.79	93.41
XPOS	80.48	79.24	79.85	92.34
UFeats	78.39	77.18	77.78	89.94
ALLTags	74.84	73.69	74.26	85.87
Lemmas	0.00	0.00	0.00	0.00
UAS	63.57	62.59	63.08	72.93
LAS	55.01	54.16	54.58	63.11
CLAS	48.54	48.23	48.38	59.21
MLAS	39.29	39.03	39.16	47.92
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 24

Train 24: 54it [00:18, 2.86it/s]

dev 24: 100% | 7/7 [00:01<00:00, 5.92it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

----- Best dev CoNLLu score: epoch 24 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.42	80.16	80.79	93.41
XPOS	80.48	79.24	79.85	92.34
UFeats	78.39	77.18	77.78	89.94
ALLTags	74.84	73.69	74.26	85.87
Lemmas	0.00	0.00	0.00	0.00
UAS	63.57	62.59	63.08	72.93
LAS	55.01	54.16	54.58	63.11
CLAS	48.54	48.23	48.38	59.21
MLAS	39.29	39.03	39.16	47.92
BLEX	0.00	0.00	0.00	0.00

Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.67	81.40	82.03	94.85
XPOS	81.94	80.68	81.31	94.01
UFeats	80.17	78.93	79.54	91.98
AllTags	76.83	75.64	76.23	88.14
Lemmas	0.00	0.00	0.00	0.00
UAS	63.05	62.08	62.56	72.34
LAS	54.70	53.85	54.27	62.75
CLAS	47.56	47.26	47.41	58.02
MLAS	39.61	39.35	39.48	48.32
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 25

Train 25: 54it [00:19, 2.73it/s]

dev 25: 100% | 7/7 [00:01<00:00, 6.00it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	79.23	78.01	78.61	90.90
AllTags	75.68	74.51	75.09	86.83
Lemmas	0.00	0.00	0.00	0.00
UAS	63.67	62.69	63.18	73.05
LAS	55.01	54.16	54.58	63.11
CLAS	47.48	47.10	47.29	57.82
MLAS	38.86	38.55	38.70	47.33
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 26

Train 26: 54it [00:18, 2.91it/s]

dev 26: 100% | 7/7 [00:01<00:00, 6.22it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.02	77.80	78.40	90.66
AllTags	75.78	74.61	75.19	86.95
Lemmas	0.00	0.00	0.00	0.00
UAS	62.53	61.56	62.04	71.74
LAS	53.86	53.03	53.44	61.80
CLAS	46.15	46.45	46.30	57.03
MLAS	38.30	38.55	38.42	47.33
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 27

Train 27: 54it [00:18, 2.98it/s]

dev 27: 100% | 7/7 [00:01<00:00, 6.24it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.73	80.47	81.10	93.77
XPOS	81.00	79.75	80.37	92.93
UFeats	79.02	77.80	78.40	90.66
AllTags	75.78	74.61	75.19	86.95
Lemmas	0.00	0.00	0.00	0.00
UAS	62.32	61.36	61.83	71.50
LAS	53.34	52.52	52.93	61.20
CLAS	46.48	45.81	46.14	56.24
MLAS	38.46	37.90	38.18	46.53
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 28

Train 28: 54it [00:19, 2.76it/s]

dev 28: 100% | 7/7 [00:01<00:00, 6.31it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	80.90	79.65	80.27	92.81
UFeats	78.71	77.49	78.09	90.30
AllTags	75.05	73.90	74.47	86.11
Lemmas	0.00	0.00	0.00	0.00
UAS	63.15	62.18	62.66	72.46
LAS	54.07	53.24	53.65	62.04
CLAS	47.15	46.77	46.96	57.43
MLAS	38.86	38.55	38.70	47.33
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 29

Train 29: 54it [00:20, 2.62it/s]

dev 29: 100% | 7/7 [00:01<00:00, 6.25it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

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

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.42	80.16	80.79	93.41
XPOS	80.90	79.65	80.27	92.81
UFeats	78.81	77.60	78.20	90.42
AllTags	75.26	74.10	74.68	86.35
Lemmas	0.00	0.00	0.00	0.00
UAS	62.63	61.66	62.14	71.86
LAS	54.07	53.24	53.65	62.04
CLAS	47.17	47.10	47.13	57.82
MLAS	38.61	38.55	38.58	47.33
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 30  
Train 30: 54it [00:18, 2.88it/s]  
dev 30: 100% | ██████████ | 7/7 [00:01<00:00, 5.43it/s]  
Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)  
----- Best dev CoNLLu score: epoch 30-----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.11	79.86	80.48	93.05
UFeats	79.12	77.90	78.51	90.78
AllTags	75.68	74.51	75.09	86.83
Lemmas	0.00	0.00	0.00	0.00
UAS	62.21	61.25	61.73	71.38
LAS	53.55	52.72	53.13	61.44
CLAS	46.84	46.61	46.73	57.23
MLAS	38.25	38.06	38.16	46.73
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*  
Posdep tagger: Epoch: 31  
Train 31: 54it [00:24, 2.25it/s]  
dev 31: 100% | ██████████ | 7/7 [00:01<00:00, 4.59it/s]  
Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)  
----- Best dev CoNLLu score: epoch 31-----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.33	78.11	78.72	91.02
AllTags	76.10	74.92	75.50	87.31
Lemmas	0.00	0.00	0.00	0.00
UAS	62.63	61.66	62.14	71.86
LAS	53.76	52.93	53.34	61.68
CLAS	47.19	45.97	46.57	56.44
MLAS	39.57	38.55	39.05	47.33
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*  
Posdep tagger: Epoch: 32  
Train 32: 54it [00:23, 2.31it/s]  
dev 32: 100% | ██████████ | 7/7 [00:01<00:00, 5.09it/s]  
Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)  
----- Best dev CoNLLu score: epoch 32-----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.05	80.78	81.41	94.13
XPOS	81.42	80.16	80.79	93.41
UFeats	79.44	78.21	78.82	91.14
AllTags	75.89	74.72	75.30	87.07
Lemmas	0.00	0.00	0.00	0.00
UAS	62.73	61.77	62.25	71.98
LAS	54.28	53.44	53.86	62.28
CLAS	47.22	46.61	46.92	57.23
MLAS	39.05	38.55	38.80	47.33
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 33

Train 33: 54it [00:22, 2.44it/s]

dev 33: 100% | 7/7 [00:01<00:00, 5.19it/s]

----- Best dev CoNLLu score: epoch 32 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.11	79.86	80.48	93.05
UFeats	79.33	78.11	78.72	91.02
AllTags	75.89	74.72	75.30	87.07
Lemmas	0.00	0.00	0.00	0.00
UAS	62.42	61.46	61.94	71.62
LAS	54.49	53.65	54.07	62.51
CLAS	47.38	46.61	46.99	57.23
MLAS	39.34	38.71	39.02	47.52
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 34

Train 34: 54it [00:22, 2.45it/s]

dev 34: 100% | 7/7 [00:01<00:00, 5.18it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

----- Best dev CoNLLu score: epoch 34 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.00	79.75	80.37	92.93
UFeats	78.91	77.70	78.30	90.54
AllTags	75.16	74.00	74.57	86.23
Lemmas	0.00	0.00	0.00	0.00
UAS	62.84	61.87	62.35	72.10
LAS	54.80	53.96	54.38	62.87
CLAS	48.20	47.42	47.80	58.22
MLAS	39.51	38.87	39.19	47.72
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 35

Train 35: 54it [00:22, 2.45it/s]

dev 35: 100% | 7/7 [00:01<00:00, 5.21it/s]

----- Best dev CoNLLu score: epoch 34 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.42	80.16	80.79	93.41
XPOS	80.69	79.45	80.06	92.57
UFeats	79.23	78.01	78.61	90.90
AllTags	75.57	74.41	74.99	86.71
Lemmas	0.00	0.00	0.00	0.00
UAS	62.94	61.97	62.45	72.22
LAS	54.49	53.65	54.07	62.51
CLAS	47.56	47.26	47.41	58.02
MLAS	39.61	39.35	39.48	48.32

BLEX		0.00		0.00		0.00		0.00
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Posdep tagger: Epoch: 36

Train 36: 54it [00:22, 2.37it/s]

dev 36: 100% | 7/7 [00:01&lt;00:00, 5.05it/s]

----- Best dev CoNLLu score: epoch 34 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.11	79.86	80.48	93.05
UFeats	78.91	77.70	78.30	90.54
AllTags	75.57	74.41	74.99	86.71
Lemmas	0.00	0.00	0.00	0.00
UAS	63.36	62.38	62.87	72.69
LAS	54.49	53.65	54.07	62.51
CLAS	47.56	47.26	47.41	58.02
MLAS	38.80	38.55	38.67	47.33
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 37

Train 37: 54it [00:22, 2.45it/s]

dev 37: 100% | 7/7 [00:01&lt;00:00, 5.31it/s]

----- Best dev CoNLLu score: epoch 34 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.15	80.88	81.51	94.25
XPOS	81.42	80.16	80.79	93.41
UFeats	79.54	78.31	78.92	91.26
AllTags	75.99	74.82	75.40	87.19
Lemmas	0.00	0.00	0.00	0.00
UAS	62.42	61.46	61.94	71.62
LAS	54.28	53.44	53.86	62.28
CLAS	46.60	46.45	46.53	57.03
MLAS	38.51	38.39	38.45	47.13
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 38

Train 38: 54it [00:20, 2.60it/s]

dev 38: 100% | 7/7 [00:01&lt;00:00, 5.39it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

----- Best dev CoNLLu score: epoch 38 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.02	77.80	78.40	90.66
AllTags	75.68	74.51	75.09	86.83
Lemmas	0.00	0.00	0.00	0.00
UAS	62.94	61.97	62.45	72.22
LAS	54.70	53.85	54.27	62.75

CLAS	47.50	47.42	47.46	58.22
MLAS	39.26	39.19	39.23	48.12
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 39

Train 39: 54it [00:19, 2.78it/s]

dev 39: 100% | 7/7 [00:01<00:00, 5.55it/s]

----- Best dev CoNLLu score: epoch 38 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.42	80.16	80.79	93.41
UFeats	78.60	77.39	77.99	90.18
AllTags	75.26	74.10	74.68	86.35
Lemmas	0.00	0.00	0.00	0.00
UAS	62.53	61.56	62.04	71.74
LAS	54.28	53.44	53.86	62.28
CLAS	46.67	46.29	46.48	56.83
MLAS	37.24	36.94	37.09	45.35
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 40

Train 40: 54it [00:18, 2.90it/s]

dev 40: 100% | 7/7 [00:01<00:00, 6.15it/s]

----- Best dev CoNLLu score: epoch 38 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.21	79.96	80.58	93.17
UFeats	79.02	77.80	78.40	90.66
AllTags	75.57	74.41	74.99	86.71
Lemmas	0.00	0.00	0.00	0.00
UAS	63.05	62.08	62.56	72.34
LAS	54.28	53.44	53.86	62.28
CLAS	46.83	46.45	46.64	57.03
MLAS	37.89	37.58	37.73	46.14
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 41

Train 41: 54it [00:18, 2.93it/s]

dev 41: 100% | 7/7 [00:01<00:00, 6.13it/s]

----- Best dev CoNLLu score: epoch 38 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.73	80.47	81.10	93.77
XPOS	81.00	79.75	80.37	92.93
UFeats	78.81	77.60	78.20	90.42
AllTags	75.16	74.00	74.57	86.23
Lemmas	0.00	0.00	0.00	0.00
UAS	62.32	61.36	61.83	71.50
LAS	54.59	53.75	54.17	62.63
CLAS	47.56	47.26	47.41	58.02
MLAS	39.45	39.19	39.32	48.12

BLEX		0.00		0.00		0.00		0.00
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Posdep tagger: Epoch: 42

Train 42: 54it [00:18, 2.90it/s]

dev 42: 100% | 7/7 [00:01&lt;00:00, 6.14it/s]

Saving adapter weights to ... ./amharic\_1000\_pipeline/xlm-roberta-base/customized-mwt/customized-mwt.tagger.mdl (15.45 MB)

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	0.00	0.00	0.00	0.00
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 43

Train 43: 54it [00:18, 2.85it/s]

dev 43: 100% | 7/7 [00:01&lt;00:00, 5.07it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.73	80.47	81.10	93.77
XPOS	81.00	79.75	80.37	92.93
UFeats	78.71	77.49	78.09	90.30
AllTags	75.26	74.10	74.68	86.35
Lemmas	0.00	0.00	0.00	0.00
UAS	62.84	61.87	62.35	72.10
LAS	53.97	53.13	53.55	61.92
CLAS	46.46	46.61	46.54	57.23
MLAS	37.94	38.06	38.00	46.73
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 44

Train 44: 54it [00:21, 2.55it/s]

dev 44: 100% | 7/7 [00:01&lt;00:00, 5.47it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.21	79.96	80.58	93.17
UFeats	79.75	78.52	79.13	91.50
AllTags	76.20	75.03	75.61	87.43
Lemmas	0.00	0.00	0.00	0.00
UAS	62.32	61.36	61.83	71.50
LAS	54.18	53.34	53.75	62.16

CLAS	46.75	46.45	46.60	57.03
MLAS	39.12	38.87	39.00	47.72
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 45

Train 45: 54it [00:21, 2.51it/s]

dev 45: 100% | 7/7 [00:01<00:00, 5.30it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.00	79.75	80.37	92.93
UFeats	79.12	77.90	78.51	90.78
AllTags	75.68	74.51	75.09	86.83
Lemmas	0.00	0.00	0.00	0.00
UAS	62.11	61.15	61.63	71.26
LAS	54.18	53.34	53.75	62.16
CLAS	46.99	46.61	46.80	57.23
MLAS	38.54	38.23	38.38	46.93
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 46

Train 46: 54it [00:18, 2.90it/s]

dev 46: 100% | 7/7 [00:01<00:00, 6.16it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	79.85	78.62	79.23	91.62
AllTags	76.30	75.13	75.71	87.54
Lemmas	0.00	0.00	0.00	0.00
UAS	62.94	61.97	62.45	72.22
LAS	55.01	54.16	54.58	63.11
CLAS	47.24	46.94	47.09	57.62
MLAS	38.64	38.39	38.51	47.13
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 47

Train 47: 54it [00:18, 2.91it/s]

dev 47: 100% | 7/7 [00:01<00:00, 6.20it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.21	79.96	80.58	93.17
UFeats	79.85	78.62	79.23	91.62
AllTags	75.99	74.82	75.40	87.19
Lemmas	0.00	0.00	0.00	0.00
UAS	63.57	62.59	63.08	72.93
LAS	54.91	54.06	54.48	62.99

CLAS	47.64	47.26	47.45	58.02
MLAS	39.67	39.35	39.51	48.32
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 48

Train 48: 54it [00:18, 2.92it/s]

dev 48: 100% | 7/7 [00:01<00:00, 6.22it/s]

-- Best dev CoNLLu score: epoch 42 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.05	80.78	81.41	94.13
XPOS	81.32	80.06	80.68	93.29
UFeats	79.85	78.62	79.23	91.62
AllTags	76.30	75.13	75.71	87.54
Lemmas	0.00	0.00	0.00	0.00
UAS	63.26	62.28	62.77	72.57
LAS	55.11	54.27	54.69	63.23
CLAS	47.97	47.58	47.77	58.42
MLAS	39.84	39.52	39.68	48.51
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 49

Train 49: 54it [00:18, 2.92it/s]

dev 49: 100% | 7/7 [00:01<00:00, 6.25it/s]

-- Best dev CoNLLu score: epoch 42 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.42	80.16	80.79	93.41
XPOS	80.79	79.55	80.17	92.69
UFeats	79.65	78.42	79.03	91.38
AllTags	75.78	74.61	75.19	86.95
Lemmas	0.00	0.00	0.00	0.00
UAS	63.47	62.49	62.97	72.81
LAS	55.32	54.47	54.89	63.47
CLAS	48.14	48.06	48.10	59.01
MLAS	40.23	40.16	40.19	49.31
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 50

Train 50: 54it [00:19, 2.81it/s]

dev 50: 100% | 7/7 [00:01<00:00, 5.29it/s]

-- Best dev CoNLLu score: epoch 42 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.32	80.06	80.68	93.29
XPOS	80.69	79.45	80.06	92.57
UFeats	79.12	77.90	78.51	90.78
AllTags	75.57	74.41	74.99	86.71
Lemmas	0.00	0.00	0.00	0.00
UAS	63.67	62.69	63.18	73.05
LAS	54.80	53.96	54.38	62.87
CLAS	47.27	47.42	47.34	58.22

MLAS	39.23	39.35	39.29	48.32
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 51

Train 51: 54it [00:20, 2.62it/s]

dev 51: 100% | 7/7 [00:01<00:00, 5.47it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.11	79.86	80.48	93.05
UFeats	79.44	78.21	78.82	91.14
AllTags	76.10	74.92	75.50	87.31
Lemmas	0.00	0.00	0.00	0.00
UAS	63.36	62.38	62.87	72.69
LAS	55.32	54.47	54.89	63.47
CLAS	48.45	47.90	48.18	58.81
MLAS	40.29	39.84	40.06	48.91
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 52

Train 52: 54it [00:20, 2.60it/s]

dev 52: 100% | 7/7 [00:01<00:00, 5.37it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	79.33	78.11	78.72	91.02
AllTags	76.30	75.13	75.71	87.54
Lemmas	0.00	0.00	0.00	0.00
UAS	63.88	62.90	63.39	73.29
LAS	55.53	54.68	55.10	63.71
CLAS	48.37	47.90	48.14	58.81
MLAS	39.25	38.87	39.06	47.72
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 53

Train 53: 54it [00:20, 2.58it/s]

dev 53: 100% | 7/7 [00:01<00:00, 5.44it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.11	79.86	80.48	93.05
UFeats	79.44	78.21	78.82	91.14
AllTags	75.99	74.82	75.40	87.19
Lemmas	0.00	0.00	0.00	0.00
UAS	63.88	62.90	63.39	73.29
LAS	55.64	54.78	55.20	63.83
CLAS	48.69	47.90	48.29	58.81
MLAS	40.33	39.68	40.00	48.71

BLEX		0.00		0.00		0.00		0.00
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Posdep tagger: Epoch: 54  
Train 54: 54it [00:20, 2.65it/s]  
dev 54: 100% | 7/7 [00:01<00:00, 5.44it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.15	80.88	81.51	94.25
XPOS	81.00	79.75	80.37	92.93
UFeats	78.91	77.70	78.30	90.54
AllTags	75.78	74.61	75.19	86.95
Lemmas	0.00	0.00	0.00	0.00
UAS	63.26	62.28	62.77	72.57
LAS	54.80	53.96	54.38	62.87
CLAS	48.23	48.23	48.23	59.21
MLAS	39.52	39.52	39.52	48.51
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 55  
Train 55: 54it [00:20, 2.58it/s]  
dev 55: 100% | 7/7 [00:01<00:00, 5.48it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.46	81.19	81.82	94.61
XPOS	81.63	80.37	80.99	93.65
UFeats	78.91	77.70	78.30	90.54
AllTags	75.99	74.82	75.40	87.19
Lemmas	0.00	0.00	0.00	0.00
UAS	62.73	61.77	62.25	71.98
LAS	53.97	53.13	53.55	61.92
CLAS	46.66	46.13	46.39	56.63
MLAS	38.34	37.90	38.12	46.53
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 56  
Train 56: 54it [00:21, 2.55it/s]  
dev 56: 100% | 7/7 [00:01<00:00, 5.28it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.11	79.86	80.48	93.05
UFeats	79.33	78.11	78.72	91.02
AllTags	75.78	74.61	75.19	86.95
Lemmas	0.00	0.00	0.00	0.00
UAS	63.57	62.59	63.08	72.93
LAS	55.22	54.37	54.79	63.35
CLAS	48.05	47.74	47.90	58.61
MLAS	39.45	39.19	39.32	48.12

BLEX		0.00		0.00		0.00		0.00
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Posdep tagger: Epoch: 57

Train 57: 54it [00:21, 2.56it/s]

dev 57: 100% | 7/7 [00:01&lt;00:00, 6.11it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.00	79.75	80.37	92.93
UFeats	79.02	77.80	78.40	90.66
AllTags	75.68	74.51	75.09	86.83
Lemmas	0.00	0.00	0.00	0.00
UAS	63.15	62.18	62.66	72.46
LAS	54.28	53.44	53.86	62.28
CLAS	46.93	46.77	46.85	57.43
MLAS	39.00	38.87	38.93	47.72
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 58

Train 58: 54it [00:20, 2.65it/s]

dev 58: 100% | 7/7 [00:01&lt;00:00, 5.23it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.75	78.52	79.13	91.50
AllTags	76.41	75.23	75.82	87.66
Lemmas	0.00	0.00	0.00	0.00
UAS	62.63	61.66	62.14	71.86
LAS	54.91	54.06	54.48	62.99
CLAS	47.52	46.45	46.98	57.03
MLAS	40.10	39.19	39.64	48.12
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 59

Train 59: 54it [00:21, 2.48it/s]

dev 59: 100% | 7/7 [00:01&lt;00:00, 6.03it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.63	80.37	80.99	93.65
XPOS	81.00	79.75	80.37	92.93
UFeats	79.02	77.80	78.40	90.66
AllTags	75.78	74.61	75.19	86.95
Lemmas	0.00	0.00	0.00	0.00
UAS	62.73	61.77	62.25	71.98
LAS	54.59	53.75	54.17	62.63
CLAS	47.55	46.94	47.24	57.62

MLAS	39.05	38.55	38.80	47.33
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 60

Train 60: 54it [00:20, 2.64it/s]

dev 60: 100% | 7/7 [00:01<00:00, 5.99it/s]

-- Best dev CoNLLu score: epoch 42 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.15	80.88	81.51	94.25
XPOS	81.21	79.96	80.58	93.17
UFeats	79.85	78.62	79.23	91.62
AllTags	76.41	75.23	75.82	87.66
Lemmas	0.00	0.00	0.00	0.00
UAS	62.94	61.97	62.45	72.22
LAS	54.70	53.85	54.27	62.75
CLAS	46.82	46.29	46.55	56.83
MLAS	39.31	38.87	39.09	47.72
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 61

Train 61: 54it [00:20, 2.58it/s]

dev 61: 100% | 7/7 [00:01<00:00, 5.14it/s]

-- Best dev CoNLLu score: epoch 42 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.57	81.29	81.93	94.73
XPOS	81.84	80.58	81.20	93.89
UFeats	80.17	78.93	79.54	91.98
AllTags	76.83	75.64	76.23	88.14
Lemmas	0.00	0.00	0.00	0.00
UAS	63.15	62.18	62.66	72.46
LAS	54.70	53.85	54.27	62.75
CLAS	47.38	46.61	46.99	57.23
MLAS	39.84	39.19	39.51	48.12
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 62

Train 62: 54it [00:21, 2.54it/s]

dev 62: 100% | 7/7 [00:01<00:00, 5.28it/s]

-- Best dev CoNLLu score: epoch 42 --

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.63	80.37	80.99	93.65
XPOS	80.79	79.55	80.17	92.69
UFeats	80.06	78.83	79.44	91.86
AllTags	75.99	74.82	75.40	87.19
Lemmas	0.00	0.00	0.00	0.00
UAS	63.36	62.38	62.87	72.69
LAS	54.91	54.06	54.48	62.99
CLAS	47.93	46.77	47.35	57.43
MLAS	39.83	38.87	39.35	47.72
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 63

Train 63: 54it [00:55, 1.02s/it]

dev 63: 100% | 7/7 [00:05<00:00, 1.22it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.05	80.78	81.41	94.13
XPOS	81.32	80.06	80.68	93.29
UFeats	79.44	78.21	78.82	91.14
AllTags	76.20	75.03	75.61	87.43
Lemmas	0.00	0.00	0.00	0.00
UAS	62.94	61.97	62.45	72.22
LAS	55.01	54.16	54.58	63.11
CLAS	47.71	47.10	47.40	57.82
MLAS	40.36	39.84	40.10	48.91
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 64

Train 64: 54it [00:55, 1.03s/it]

dev 64: 100% | 7/7 [00:01<00:00, 5.34it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.05	80.78	81.41	94.13
XPOS	81.32	80.06	80.68	93.29
UFeats	79.12	77.90	78.51	90.78
AllTags	75.99	74.82	75.40	87.19
Lemmas	0.00	0.00	0.00	0.00
UAS	63.15	62.18	62.66	72.46
LAS	54.80	53.96	54.38	62.87
CLAS	47.94	46.94	47.43	57.62
MLAS	40.20	39.35	39.77	48.32
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 65

Train 65: 54it [00:21, 2.51it/s]

dev 65: 100% | 7/7 [00:02<00:00, 2.47it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.42	80.16	80.79	93.41
UFeats	79.12	77.90	78.51	90.78
AllTags	75.89	74.72	75.30	87.07
Lemmas	0.00	0.00	0.00	0.00
UAS	63.36	62.38	62.87	72.69
LAS	55.74	54.88	55.31	63.95
CLAS	49.01	47.90	48.45	58.81
MLAS	40.43	39.52	39.97	48.51
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 66

Train 66: 54it [01:33, 1.73s/it]

dev 66: 100% | 7/7 [00:01<00:00, 4.96it/s]

-- Best dev CoNLLu score: epoch 42 --

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.11	79.86	80.48	93.05
UFeats	79.23	78.01	78.61	90.90
AllTags	75.68	74.51	75.09	86.83
Lemmas	0.00	0.00	0.00	0.00
UAS	63.47	62.49	62.97	72.81
LAS	55.11	54.27	54.69	63.23
CLAS	48.19	47.26	47.72	58.02
MLAS	39.64	38.87	39.25	47.72
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 67

Train 67: 54it [00:21, 2.45it/s]

dev 67: 100% | 7/7 [00:01<00:00, 5.10it/s]

-- Best dev CoNLLu score: epoch 42 --

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.05	80.78	81.41	94.13
XPOS	81.21	79.96	80.58	93.17
UFeats	79.33	78.11	78.72	91.02
AllTags	76.20	75.03	75.61	87.43
Lemmas	0.00	0.00	0.00	0.00
UAS	62.73	61.77	62.25	71.98
LAS	54.91	54.06	54.48	62.99
CLAS	48.12	47.42	47.77	58.22
MLAS	39.93	39.35	39.64	48.32
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 68

Train 68: 54it [00:21, 2.46it/s]

dev 68: 100% | 7/7 [00:01<00:00, 5.24it/s]

-- Best dev CoNLLu score: epoch 42 --

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.36	81.09	81.72	94.49
XPOS	81.42	80.16	80.79	93.41
UFeats	79.33	78.11	78.72	91.02
AllTags	75.78	74.61	75.19	86.95
Lemmas	0.00	0.00	0.00	0.00
UAS	63.15	62.18	62.66	72.46
LAS	55.74	54.88	55.31	63.95
CLAS	48.68	47.58	48.12	58.42
MLAS	40.26	39.35	39.80	48.32
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 69

Train 69: 54it [00:21, 2.56it/s]

dev 69: 100% | 7/7 [00:01<00:00, 5.39it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.15	80.88	81.51	94.25
XPOS	81.52	80.27	80.89	93.53
UFeats	79.44	78.21	78.82	91.14
AllTags	76.10	74.92	75.50	87.31
Lemmas	0.00	0.00	0.00	0.00
UAS	63.36	62.38	62.87	72.69
LAS	55.43	54.57	55.00	63.59
CLAS	48.77	47.90	48.33	58.81
MLAS	40.23	39.52	39.87	48.51
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 70

Train 70: 54it [00:21, 2.50it/s]

dev 70: 100% | 7/7 [00:01<00:00, 5.36it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.11	79.86	80.48	93.05
UFeats	79.65	78.42	79.03	91.38
AllTags	76.10	74.92	75.50	87.31
Lemmas	0.00	0.00	0.00	0.00
UAS	63.88	62.90	63.39	73.29
LAS	56.26	55.40	55.83	64.55
CLAS	49.34	48.55	48.94	59.60
MLAS	40.98	40.32	40.65	49.50
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 71

Train 71: 54it [00:21, 2.53it/s]

dev 71: 100% | 7/7 [00:01<00:00, 5.40it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.21	79.96	80.58	93.17
UFeats	79.02	77.80	78.40	90.66
AllTags	75.89	74.72	75.30	87.07
Lemmas	0.00	0.00	0.00	0.00
UAS	63.15	62.18	62.66	72.46
LAS	55.11	54.27	54.69	63.23
CLAS	48.44	47.58	48.01	58.42
MLAS	39.74	39.03	39.38	47.92
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 72  
Train 72: 54it [00:20, 2.57it/s]

dev 72: 100% | 7/7 [00:01<00:00, 5.50it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.36	81.09	81.72	94.49
XPOS	81.52	80.27	80.89	93.53
UFeats	79.33	78.11	78.72	91.02
AllTags	76.20	75.03	75.61	87.43
Lemmas	0.00	0.00	0.00	0.00
UAS	63.47	62.49	62.97	72.81
LAS	55.53	54.68	55.10	63.71
CLAS	48.69	47.90	48.29	58.81
MLAS	39.84	39.19	39.51	48.12
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 73

Train 73: 54it [00:20, 2.63it/s]

dev 73: 100% | 7/7 [00:01<00:00, 5.30it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.11	79.86	80.48	93.05
UFeats	79.54	78.31	78.92	91.26
AllTags	76.20	75.03	75.61	87.43
Lemmas	0.00	0.00	0.00	0.00
UAS	63.57	62.59	63.08	72.93
LAS	55.53	54.68	55.10	63.71
CLAS	48.85	48.06	48.46	59.01
MLAS	40.33	39.68	40.00	48.71
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 74

Train 74: 54it [00:21, 2.57it/s]

dev 74: 100% | 7/7 [00:01<00:00, 5.23it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.15	80.88	81.51	94.25
XPOS	81.42	80.16	80.79	93.41
UFeats	79.54	78.31	78.92	91.26
AllTags	76.20	75.03	75.61	87.43
Lemmas	0.00	0.00	0.00	0.00
UAS	63.26	62.28	62.77	72.57
LAS	55.22	54.37	54.79	63.35
CLAS	48.52	47.74	48.13	58.61
MLAS	39.84	39.19	39.51	48.12
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 75

Train 75: 54it [00:21, 2.48it/s]

dev 75: 100% | 7/7 [00:01<00:00, 4.99it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.32	80.06	80.68	93.29
UFeats	79.23	78.01	78.61	90.90
AllTags	75.89	74.72	75.30	87.07
Lemmas	0.00	0.00	0.00	0.00
UAS	63.36	62.38	62.87	72.69
LAS	55.01	54.16	54.58	63.11
CLAS	48.11	47.10	47.60	57.82
MLAS	39.54	38.71	39.12	47.52
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 76

Train 76: 54it [00:22, 2.39it/s]

dev 76: 100% | 7/7 [00:01<00:00, 4.90it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.21	79.96	80.58	93.17
UFeats	79.33	78.11	78.72	91.02
AllTags	75.99	74.82	75.40	87.19
Lemmas	0.00	0.00	0.00	0.00
UAS	63.05	62.08	62.56	72.34
LAS	54.38	53.55	53.96	62.40
CLAS	47.47	46.94	47.20	57.62
MLAS	39.15	38.71	38.93	47.52
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 77

Train 77: 54it [00:37, 1.45it/s]

dev 77: 100% | 7/7 [00:03<00:00, 1.84it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.73	80.47	81.10	93.77
XPOS	81.00	79.75	80.37	92.93
UFeats	79.12	77.90	78.51	90.78
AllTags	75.68	74.51	75.09	86.83
Lemmas	0.00	0.00	0.00	0.00
UAS	62.84	61.87	62.35	72.10
LAS	54.38	53.55	53.96	62.40
CLAS	47.46	46.77	47.12	57.43
MLAS	38.79	38.23	38.51	46.93
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 78

Train 78: 54it [01:40, 1.86it/s]

dev 78: 100% | 7/7 [00:01<00:00, 5.41it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.11	79.86	80.48	93.05
UFeats	79.23	78.01	78.61	90.90
AllTags	75.68	74.51	75.09	86.83
Lemmas	0.00	0.00	0.00	0.00
UAS	63.36	62.38	62.87	72.69
LAS	55.11	54.27	54.69	63.23
CLAS	47.96	47.42	47.69	58.22
MLAS	39.15	38.71	38.93	47.52
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 79

Train 79: 54it [00:31, 1.74it/s]

dev 79: 100% | 7/7 [00:01<00:00, 4.99it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.73	80.47	81.10	93.77
XPOS	81.00	79.75	80.37	92.93
UFeats	79.23	78.01	78.61	90.90
AllTags	75.68	74.51	75.09	86.83
Lemmas	0.00	0.00	0.00	0.00
UAS	63.15	62.18	62.66	72.46
LAS	54.70	53.85	54.27	62.75
CLAS	47.72	47.26	47.49	58.02
MLAS	38.93	38.55	38.74	47.33
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 80

Train 80: 54it [01:04, 1.20s/it]

dev 80: 100% | 7/7 [00:01<00:00, 4.12it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.21	79.96	80.58	93.17
UFeats	79.54	78.31	78.92	91.26
AllTags	76.10	74.92	75.50	87.31
Lemmas	0.00	0.00	0.00	0.00
UAS	63.15	62.18	62.66	72.46
LAS	54.80	53.96	54.38	62.87
CLAS	48.03	47.10	47.56	57.82
MLAS	39.47	38.71	39.09	47.52
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 81  
Train 81: 54it [01:07, 1.26s/it]

dev 81: 100% | 7/7 [00:01<00:00, 4.82it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.21	79.96	80.58	93.17
UFeats	79.75	78.52	79.13	91.50
AllTags	76.26	75.03	75.61	87.43
Lemmas	0.00	0.00	0.00	0.00
UAS	63.26	62.28	62.77	72.57
LAS	55.22	54.37	54.79	63.35
CLAS	48.20	47.42	47.80	58.22
MLAS	39.84	39.19	39.51	48.12
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 82

Train 82: 54it [00:30, 1.78it/s]

dev 82: 100% | 7/7 [00:01<00:00, 3.79it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.21	79.96	80.58	93.17
UFeats	79.44	78.21	78.82	91.14
AllTags	75.99	74.82	75.40	87.19
Lemmas	0.00	0.00	0.00	0.00
UAS	63.26	62.28	62.77	72.57
LAS	54.49	53.65	54.07	62.51
CLAS	46.97	46.29	46.63	56.83
MLAS	38.95	38.39	38.67	47.13
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 83

Train 83: 54it [00:30, 1.74it/s]

dev 83: 100% | 7/7 [00:04<00:00, 1.64it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.84	80.58	81.20	93.89
XPOS	81.11	79.86	80.48	93.05
UFeats	79.65	78.42	79.03	91.38
AllTags	76.10	74.92	75.50	87.31
Lemmas	0.00	0.00	0.00	0.00
UAS	63.57	62.59	63.08	72.93
LAS	55.11	54.27	54.69	63.23
CLAS	48.20	47.42	47.80	58.22
MLAS	39.84	39.19	39.51	48.12
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 84  
Train 84: 54it [02:01, 2.24s/it]

dev 84: 100% | 7/7 [00:01<00:00, 4.87it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.11	79.86	80.48	93.05
UFeats	79.54	78.31	78.92	91.26
AllTags	75.89	74.72	75.30	87.07
Lemmas	0.00	0.00	0.00	0.00
UAS	63.26	62.28	62.77	72.57
LAS	55.01	54.16	54.58	63.11
CLAS	47.79	47.10	47.44	57.82
MLAS	39.61	39.03	39.32	47.92
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 85

Train 85: 54it [00:23, 2.32it/s]

dev 85: 100% | 7/7 [00:03<00:00, 2.17it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.21	79.96	80.58	93.17
UFeats	79.54	78.31	78.92	91.26
AllTags	75.99	74.82	75.40	87.19
Lemmas	0.00	0.00	0.00	0.00
UAS	63.57	62.59	63.08	72.93
LAS	55.01	54.16	54.58	63.11
CLAS	47.95	47.26	47.60	58.02
MLAS	39.61	39.03	39.32	47.92
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 86

Train 86: 54it [02:04, 2.31s/it]

dev 86: 100% | 7/7 [00:01<00:00, 5.14it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.05	80.78	81.41	94.13
XPOS	81.42	80.16	80.79	93.41
UFeats	79.54	78.31	78.92	91.26
AllTags	76.30	75.13	75.71	87.54
Lemmas	0.00	0.00	0.00	0.00
UAS	63.57	62.59	63.08	72.93
LAS	54.80	53.96	54.38	62.87
CLAS	47.79	47.10	47.44	57.82
MLAS	39.28	38.71	38.99	47.52
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 87  
Train 87: 54it [00:23, 2.28it/s]

dev 87: 100% | ██████████ | 7/7 [00:01<00:00, 4.85it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.05	80.78	81.41	94.13
XPOS	81.32	80.06	80.68	93.29
UFeats	79.54	78.31	78.92	91.26
AllTags	76.20	75.03	75.61	87.43
Lemmas	0.00	0.00	0.00	0.00
UAS	63.67	62.69	63.18	73.05
LAS	55.22	54.37	54.79	63.35
CLAS	48.27	47.26	47.76	58.02
MLAS	39.70	38.87	39.28	47.72
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 88

Train 88: 54it [00:24, 2.17it/s]

dev 88: 100% | ██████████ | 7/7 [00:01<00:00, 4.92it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.05	80.78	81.41	94.13
XPOS	81.32	80.06	80.68	93.29
UFeats	79.44	78.21	78.82	91.14
AllTags	76.20	75.03	75.61	87.43
Lemmas	0.00	0.00	0.00	0.00
UAS	63.67	62.69	63.18	73.05
LAS	55.43	54.57	55.00	63.59
CLAS	48.68	47.58	48.12	58.42
MLAS	39.93	39.03	39.48	47.92
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 89

Train 89: 54it [00:24, 2.18it/s]

dev 89: 100% | ██████████ | 7/7 [00:01<00:00, 5.36it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.05	80.78	81.41	94.13
XPOS	81.42	80.16	80.79	93.41
UFeats	79.33	78.11	78.72	91.02
AllTags	76.10	74.92	75.50	87.31
Lemmas	0.00	0.00	0.00	0.00
UAS	63.57	62.59	63.08	72.93
LAS	55.32	54.47	54.89	63.47
CLAS	48.44	47.58	48.01	58.42
MLAS	39.74	39.03	39.38	47.92
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 90  
Train 90: 54it [01:07, 1.26s/it]

dev 90: 100% | 7/7 [00:01<00:00, 3.64it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.23	78.01	78.61	90.90
AllTags	75.99	74.82	75.40	87.19
Lemmas	0.00	0.00	0.00	0.00
UAS	63.57	62.59	63.08	72.93
LAS	55.43	54.57	55.00	63.59
CLAS	48.60	47.74	48.17	58.61
MLAS	39.90	39.19	39.54	48.12
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 91  
Train 91: 54it [01:20, 1.48s/it]

dev 91: 100% | 7/7 [00:01<00:00, 4.90it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.73	80.47	81.10	93.77
UFeats	79.33	78.11	78.72	91.02
AllTags	76.20	75.03	75.61	87.43
Lemmas	0.00	0.00	0.00	0.00
UAS	63.78	62.80	63.28	73.17
LAS	55.64	54.78	55.20	63.83
CLAS	48.77	47.90	48.33	58.81
MLAS	40.23	39.52	39.87	48.51
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 92  
Train 92: 54it [00:54, 1.00s/it]

dev 92: 100% | 7/7 [00:02<00:00, 3.31it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.23	78.01	78.61	90.90
AllTags	75.99	74.82	75.40	87.19
Lemmas	0.00	0.00	0.00	0.00
UAS	63.57	62.59	63.08	72.93
LAS	55.53	54.68	55.10	63.71
CLAS	48.60	47.74	48.17	58.61
MLAS	40.07	39.35	39.71	48.32
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 93

Train 93: 54it [00:22, 2.36it/s]

dev 93: 100% | 7/7 [00:01<00:00, 5.86it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.33	78.11	78.72	91.02
AllTags	76.10	74.92	75.50	87.31
Lemmas	0.00	0.00	0.00	0.00
UAS	63.67	62.69	63.18	73.05
LAS	55.53	54.68	55.10	63.71
CLAS	48.77	47.90	48.33	58.81
MLAS	40.23	39.52	39.87	48.51
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 94

Train 94: 54it [00:31, 1.73it/s]

dev 94: 100% | 7/7 [00:08<00:00, 1.26s/it]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.44	78.21	78.82	91.14
AllTags	76.20	75.03	75.61	87.43
Lemmas	0.00	0.00	0.00	0.00
UAS	63.67	62.69	63.18	73.05
LAS	55.32	54.47	54.89	63.47
CLAS	48.52	47.74	48.13	58.61
MLAS	40.16	39.52	39.84	48.51
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 95

Train 95: 54it [01:48, 2.01s/it]

dev 95: 100% | 7/7 [00:01<00:00, 5.39it/s]

----- Best dev CoNLLu score: epoch 42 -----

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.44	78.21	78.82	91.14
AllTags	76.20	75.03	75.61	87.43
Lemmas	0.00	0.00	0.00	0.00
UAS	63.67	62.69	63.18	73.05
LAS	55.43	54.57	55.00	63.59
CLAS	48.60	47.74	48.17	58.61
MLAS	40.23	39.52	39.87	48.51
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 96  
Train 96: 54it [00:20, 2.62it/s]

dev 96: 100% | 7/7 [00:01<00:00, 5.74it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.54	78.31	78.92	91.26
AllTags	76.30	75.13	75.71	87.54
Lemmas	0.00	0.00	0.00	0.00
UAS	63.78	62.80	63.28	73.17
LAS	55.53	54.68	55.10	63.71
CLAS	48.69	47.90	48.29	58.81
MLAS	40.16	39.52	39.84	48.51
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 97

Train 97: 54it [00:20, 2.64it/s]

dev 97: 100% | 7/7 [00:01<00:00, 4.96it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.65	78.42	79.03	91.38
AllTags	76.41	75.23	75.82	87.66
Lemmas	0.00	0.00	0.00	0.00
UAS	63.78	62.80	63.28	73.17
LAS	55.53	54.68	55.10	63.71
CLAS	48.61	47.90	48.25	58.81
MLAS	40.10	39.52	39.81	48.51
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 98

Train 98: 54it [00:22, 2.45it/s]

dev 98: 100% | 7/7 [00:01<00:00, 5.21it/s]

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	81.94	80.68	81.31	94.01
XPOS	81.32	80.06	80.68	93.29
UFeats	79.65	78.42	79.03	91.38
AllTags	76.41	75.23	75.82	87.66
Lemmas	0.00	0.00	0.00	0.00
UAS	63.78	62.80	63.28	73.17
LAS	55.53	54.68	55.10	63.71
CLAS	48.61	47.90	48.25	58.81
MLAS	40.10	39.52	39.81	48.51
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

```

Posdep tagger: Epoch: 99
Train 99: 54it [00:21, 2.47it/s]
dev 99: 100%|██████████| 7/7 [00:01<00:00, 5.24it/s]
----- Best dev CoNLLu score: epoch 42 -----
Metric | Precision | Recall | F1 Score | AlignndAcc
-----+-----+-----+-----+-----+
Tokens | 98.99 | 99.19 | 99.09 |
Sentences | 96.33 | 98.13 | 97.22 |
Words | 87.16 | 85.82 | 86.48 |
UPOS | 81.94 | 80.68 | 81.31 | 94.01 |
XPOS | 81.32 | 80.06 | 80.68 | 93.29 |
UFeats | 79.65 | 78.42 | 79.03 | 91.38 |
AllTags | 76.41 | 75.23 | 75.82 | 87.66 |
Lemmas | 0.00 | 0.00 | 0.00 | 0.00 |
UAS | 63.78 | 62.80 | 63.28 | 73.17 |
LAS | 55.53 | 54.68 | 55.10 | 63.71 |
CLAS | 48.61 | 47.90 | 48.25 | 58.81 |
MLAS | 40.10 | 39.52 | 39.81 | 48.51 |
BLEX | 0.00 | 0.00 | 0.00 | 0.00 |

```

```

Setting up training config...
Initialized lemmatizer trainer
Training dictionary-based lemmatizer
Dev F1 = 84.93

```

```

Training seq2seq-based lemmatizer
Train 1: 100%|██████████| 161/161 [00:32<00:00, 4.98it/s]
Ensembling dict with seq2seq model
Saving new best model to ... /amharic_1000_pipeline/xlm-roberta-base/customized-mwt/customized-mwt_lemmatizer.pt

```

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

```

Train 2: 100%|██████████| 161/161 [00:46<00:00, 3.48it/s]
Ensembling dict with seq2seq model

```

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

```

Train 3: 100%|██████████| 161/161 [00:29<00:00, 5.43it/s]
Ensembling dict with seq2seq model

```

Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 4: 100% | 161/161 [00:06<00:00, 24.77it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 5: 100% | 161/161 [00:05<00:00, 27.65it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 6: 100% | 161/161 [00:05<00:00, 29.98it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20

UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 7: 100% | 161/161 [00:06<00:00, 26.24it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 8: 100% | 161/161 [00:06<00:00, 26.24it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 9: 100% | 161/161 [00:06<00:00, 26.05it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 10: 100% | 161/161 [00:06<00:00, 26.11it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
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Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 11: 100% | 161/161 [00:06<00:00, 26.31it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 12: 100% | 161/161 [00:06<00:00, 26.34it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 13: 100% | 161/161 [00:06<00:00, 26.24it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53

LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 14: 100% | 161/161 [00:06<00:00, 26.40it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 15: 100% | 161/161 [00:06<00:00, 26.52it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 16: 100% | 161/161 [00:06<00:00, 26.44it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 17: 100% | 161/161 [00:05<00:00, 26.97it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 18: 100% | 161/161 [00:05<00:00, 26.85it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 19: 100% | 161/161 [00:05<00:00, 26.87it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 20: 100% | 161/161 [00:06<00:00, 26.80it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53

LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 21: 100% | 161/161 [00:05<00:00, 26.86it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 22: 100% | 161/161 [00:05<00:00, 27.46it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 23: 100% | 161/161 [00:05<00:00, 27.27it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 24: 100% | 161/161 [00:06<00:00, 26.52it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 25: 100% | 161/161 [00:06<00:00, 26.13it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 26: 100% | 161/161 [00:05<00:00, 27.41it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 27: 100% | 161/161 [00:06<00:00, 25.69it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19

CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 28: 100% | 161/161 [00:05<00:00, 26.93it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 29: 100% | 161/161 [00:06<00:00, 26.59it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 30: 100% | 161/161 [00:05<00:00, 26.92it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 31: 100% | 161/161 [00:05<00:00, 26.97it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	

Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 32: 100% | 161/161 [00:05<00:00, 27.06it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 33: 100% | 161/161 [00:06<00:00, 26.59it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 34: 100% | 161/161 [00:06<00:00, 26.64it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53

LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 35: 100%|██████████| 161/161 [00:06<00:00, 26.73it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 36: 100%|██████████| 161/161 [00:06<00:00, 26.29it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 37: 100%|██████████| 161/161 [00:06<00:00, 25.44it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 38: 100%|██████████| 161/161 [00:06<00:00, 26.61it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	

Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 39: 100% | 161/161 [00:06<00:00, 26.64it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 40: 100% | 161/161 [00:05<00:00, 26.96it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 41: 100% | 161/161 [00:06<00:00, 26.04it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19

CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 42: 100% | 161/161 [00:06<00:00, 25.69it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 43: 100% | 161/161 [00:05<00:00, 26.88it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 44: 100% | 161/161 [00:06<00:00, 26.48it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 45: 100% | 161/161 [00:06<00:00, 26.72it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	

Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 46: 100% | 161/161 [00:06<00:00, 26.45it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 47: 100% | 161/161 [00:06<00:00, 26.33it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 48: 100% | 161/161 [00:06<00:00, 26.41it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80

MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 49: 100% | 161/161 [00:06<00:00, 25.35it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 50: 100% | 161/161 [00:06<00:00, 25.79it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 51: 100% | 161/161 [00:06<00:00, 26.07it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 52: 100% | 161/161 [00:06<00:00, 26.32it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	

UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 53: 100% | 161/161 [00:06<00:00, 26.67it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 54: 100% | 161/161 [00:06<00:00, 26.49it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 55: 100% | 161/161 [00:06<00:00, 26.77it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70

BLEX		48.29		47.90		48.10		58.81
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Train 56: 100% | 161/161 [00:05&lt;00:00, 27.14it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 57: 100% | 161/161 [00:05&lt;00:00, 27.18it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 58: 100% | 161/161 [00:05&lt;00:00, 27.05it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 59: 100% | 161/161 [00:05&lt;00:00, 27.84it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37

XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 60: 100% | 161/161 [00:05<00:00, 28.08it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 61: 100% | 161/161 [00:05<00:00, 27.47it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 62: 100% | 161/161 [00:05<00:00, 26.86it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 63: 100% | 161/161 [00:06<00:00, 26.56it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 64: 100% | 161/161 [00:06<00:00, 26.77it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 65: 100% | 161/161 [00:06<00:00, 26.57it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 66: 100% | 161/161 [00:06<00:00, 26.72it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	

UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 67: 100% | [██████████] | 161/161 [00:06<00:00, 26.81it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 68: 100% | [██████████] | 161/161 [00:06<00:00, 26.81it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 69: 100% | [██████████] | 161/161 [00:06<00:00, 26.53it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 70: 100% | 161/161 [00:06<00:00, 26.60it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 71: 100% | 161/161 [00:05<00:00, 27.03it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 72: 100% | 161/161 [00:06<00:00, 26.77it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 73: 100% | 161/161 [00:06<00:00, 26.27it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37

XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 74: 100% | 161/161 [00:06<00:00, 26.75it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 75: 100% | 161/161 [00:06<00:00, 26.40it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 76: 100% | 161/161 [00:06<00:00, 26.65it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 77: 100% | 161/161 [00:05<00:00, 26.92it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 78: 100% | 161/161 [00:06<00:00, 26.80it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 79: 100% | 161/161 [00:06<00:00, 26.46it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 80: 100% | 161/161 [00:06<00:00, 26.47it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53

UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 81: 100% | 161/161 [00:05<00:00, 27.02it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 82: 100% | 161/161 [00:05<00:00, 26.89it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 83: 100% | 161/161 [00:06<00:00, 26.63it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 84: 100% | 161/161 [00:05<00:00, 27.22it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 85: 100% | ██████████ | 161/161 [00:06<00:00, 26.65it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 86: 100% | ██████████ | 161/161 [00:06<00:00, 26.32it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 87: 100% | ██████████ | 161/161 [00:06<00:00, 26.58it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86

AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 88: 100% | 161/161 [00:06<00:00, 26.73it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 89: 100% | 161/161 [00:06<00:00, 26.50it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 90: 100% | 161/161 [00:06<00:00, 26.57it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 91: 100% | ██████████ | 161/161 [00:06<00:00, 26.83it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 92: 100% | ██████████ | 161/161 [00:05<00:00, 26.99it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 93: 100% | ██████████ | 161/161 [00:05<00:00, 27.53it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 94: 100% | ██████████ | 161/161 [00:05<00:00, 27.22it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54

Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 95: 100% | 161/161 [00:06<00:00, 26.69it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 96: 100% | 161/161 [00:06<00:00, 26.44it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 97: 100% | 161/161 [00:05<00:00, 26.84it/s]

Ensembling dict with seq2seq model

Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 98: 100% | 161/161 [00:06<00:00, 26.42it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 99: 100% | 161/161 [00:06<00:00, 26.36it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

Train 100: 100% | 161/161 [00:06<00:00, 26.41it/s]

Ensembling dict with seq2seq model				
Metric	Precision	Recall	F1 Score	AlignndAcc
Tokens	98.99	99.19	99.09	
Sentences	96.33	98.13	97.22	
Words	87.16	85.82	86.48	
UPOS	82.25	80.99	81.62	94.37
XPOS	81.52	80.27	80.89	93.53
UFeats	80.06	78.83	79.44	91.86
AllTags	76.30	75.13	75.71	87.54
Lemmas	85.59	84.28	84.93	98.20
UAS	64.09	63.10	63.59	73.53
LAS	55.95	55.09	55.52	64.19
CLAS	49.11	48.71	48.91	59.80
MLAS	40.81	40.48	40.65	49.70
BLEX	48.29	47.90	48.10	58.81

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_1000_pipeline')
(trankit_amh) gusjembda@GU.GU.SE@mltgpu:~/MLT-Thesis-Trankit$
```