

/home/gusjembda@GU.GU.SE/miniconda3/envs/trankit/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 [00:26, 2.04it/s]  
dev 0: 100% | 7/7 [00:01<00:00, 4.84it/s]  
Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	38.91	38.91	38.91	38.91
XPOS	30.02	30.02	30.02	30.02
UFeats	60.90	60.90	60.90	60.90
AllTags	14.44	14.44	14.44	14.44
Lemmas	0.29	0.29	0.29	0.29
UAS	40.63	40.63	40.63	40.63
LAS	17.59	17.59	17.59	17.59
CLAS	14.38	19.49	16.55	19.49
MLAS	0.67	0.91	0.77	0.91
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*  
Posdep tagger: Epoch: 1  
Train 1: 54it [00:23, 2.33it/s]  
dev 1: 100% | 7/7 [00:01<00:00, 5.14it/s]  
Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	81.17	81.17	81.17	81.17
XPOS	77.44	77.44	77.44	77.44
UFeats	77.34	77.34	77.34	77.34
AllTags	62.05	62.05	62.05	62.05
Lemmas	0.29	0.29	0.29	0.29
UAS	60.04	60.04	60.04	60.04
LAS	40.06	40.06	40.06	40.06
CLAS	34.00	30.97	32.41	30.97
MLAS	14.76	13.44	14.07	13.44
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*  
Posdep tagger: Epoch: 2  
Train 2: 54it [00:23, 2.34it/s]  
dev 2: 100% | 7/7 [00:01<00:00, 5.03it/s]  
Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	87.67	87.67	87.67	87.67





Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	91.78	91.78	91.78	91.78
XPOS	90.25	90.25	90.25	90.25
UFeats	91.20	91.20	91.20	91.20
AllTags	85.37	85.37	85.37	85.37
Lemmas	0.29	0.29	0.29	0.29
UAS	86.33	86.33	86.33	86.33
LAS	67.78	67.78	67.78	67.78
CLAS	61.36	61.18	61.27	61.18
MLAS	48.94	48.79	48.87	48.79
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 9

Train 9: 54it [00:22, 2.43it/s]

dev 9: 100%|████████████████████| 7/7 [00:01<00:00, 4.93it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	91.11	91.11	91.11	91.11
XPOS	89.87	89.87	89.87	89.87
UFeats	90.82	90.82	90.82	90.82
AllTags	84.23	84.23	84.23	84.23
Lemmas	0.29	0.29	0.29	0.29
UAS	86.14	86.14	86.14	86.14
LAS	66.25	66.25	66.25	66.25
CLAS	58.20	58.46	58.33	58.46
MLAS	46.62	46.83	46.72	46.83
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 10

Train 10: 54it [00:22, 2.42it/s]

dev 10: 100%|████████████████████| 7/7 [00:01<00:00, 5.25it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.07	92.07	92.07	92.07
XPOS	90.63	90.63	90.63	90.63
UFeats	91.87	91.87	91.87	91.87
AllTags	85.28	85.28	85.28	85.28
Lemmas	0.29	0.29	0.29	0.29
UAS	86.23	86.23	86.23	86.23
LAS	68.83	68.83	68.83	68.83
CLAS	62.73	62.54	62.63	62.54
MLAS	48.79	48.64	48.71	48.64
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 11

Train 11: 54it [00:22, 2.43it/s]

dev 11: 100%|████████████████████| 7/7 [00:01<00:00, 5.23it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

----- Best dev CoNLLu score: epoch 11-----				
Metric	Precision	Recall	F1 Score	AligndAcc
-----				
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.45	92.45	92.45	92.45
XPOS	90.73	90.73	90.73	90.73
UFeats	90.92	90.92	90.92	90.92
AllTags	84.70	84.70	84.70	84.70
Lemmas	0.29	0.29	0.29	0.29
UAS	86.04	86.04	86.04	86.04
LAS	68.16	68.16	68.16	68.16
CLAS	61.76	61.48	61.62	61.48
MLAS	47.65	47.43	47.54	47.43
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 12

Train 12: 54it [00:22, 2.45it/s]

dev 12: 100%|████████████████████| 7/7 [00:01<00:00, 5.19it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

----- Best dev CoNLLu score: epoch 12-----				
Metric	Precision	Recall	F1 Score	AligndAcc
-----				
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	91.30	91.30	91.30	91.30
XPOS	89.58	89.58	89.58	89.58
UFeats	91.01	91.01	91.01	91.01
AllTags	84.42	84.42	84.42	84.42
Lemmas	0.29	0.29	0.29	0.29
UAS	87.28	87.28	87.28	87.28
LAS	70.94	70.94	70.94	70.94
CLAS	64.54	65.71	65.12	65.71
MLAS	51.63	52.57	52.10	52.57
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 13

Train 13: 54it [00:22, 2.40it/s]

dev 13: 100%|████████████████████| 7/7 [00:01<00:00, 5.28it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

----- Best dev CoNLLu score: epoch 13-----				
Metric	Precision	Recall	F1 Score	AligndAcc
-----				
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.45	92.45	92.45	92.45
XPOS	90.73	90.73	90.73	90.73
UFeats	91.59	91.59	91.59	91.59
AllTags	85.85	85.85	85.85	85.85
Lemmas	0.29	0.29	0.29	0.29
UAS	86.52	86.52	86.52	86.52
LAS	70.55	70.55	70.55	70.55
CLAS	64.19	63.90	64.04	63.90
MLAS	52.81	52.57	52.69	52.57
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

```

Posdep tagger: Epoch: 14
Train 14: 54it [00:22, 2.43it/s]
dev 14: 100%|████████████████████| 7/7 [00:01<00:00, 5.08it/s]
Saving adapter weights to ... ./Amh_parser_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
----- Best dev CoNLLu score: epoch 14-----
Metric | Precision | Recall | F1 Score | AligndAcc
-----+-----+-----+-----+-----
Tokens | 100.00 | 100.00 | 100.00 | 
Sentences | 100.00 | 100.00 | 100.00 | 
Words | 100.00 | 100.00 | 100.00 | 
UPOS | 92.45 | 92.45 | 92.45 | 92.45
XPOS | 90.92 | 90.92 | 90.92 | 90.92
UFeats | 91.97 | 91.97 | 91.97 | 91.97
AllTags | 86.42 | 86.42 | 86.42 | 86.42
Lemmas | 0.29 | 0.29 | 0.29 | 0.29
UAS | 86.90 | 86.90 | 86.90 | 86.90
LAS | 71.61 | 71.61 | 71.61 | 71.61
CLAS | 66.27 | 66.47 | 66.37 | 66.47
MLAS | 53.92 | 54.08 | 54.00 | 54.08
BLEX | 0.00 | 0.00 | 0.00 | 0.00

*****
Posdep tagger: Epoch: 15
Train 15: 54it [00:22, 2.43it/s]
dev 15: 100%|████████████████████| 7/7 [00:01<00:00, 5.17it/s]
Saving adapter weights to ... ./Amh_parser_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
----- Best dev CoNLLu score: epoch 15-----
Metric | Precision | Recall | F1 Score | AligndAcc
-----+-----+-----+-----+-----
Tokens | 100.00 | 100.00 | 100.00 | 
Sentences | 100.00 | 100.00 | 100.00 | 
Words | 100.00 | 100.00 | 100.00 | 
UPOS | 92.45 | 92.45 | 92.45 | 92.45
XPOS | 91.01 | 91.01 | 91.01 | 91.01
UFeats | 91.30 | 91.30 | 91.30 | 91.30
AllTags | 85.18 | 85.18 | 85.18 | 85.18
Lemmas | 0.29 | 0.29 | 0.29 | 0.29
UAS | 87.86 | 87.86 | 87.86 | 87.86
LAS | 71.80 | 71.80 | 71.80 | 71.80
CLAS | 65.87 | 66.47 | 66.17 | 66.47
MLAS | 51.65 | 52.11 | 51.88 | 52.11
BLEX | 0.15 | 0.15 | 0.15 | 0.15

*****
Posdep tagger: Epoch: 16
Train 16: 54it [00:22, 2.38it/s]
dev 16: 100%|████████████████████| 7/7 [00:01<00:00, 5.24it/s]
Saving adapter weights to ... ./Amh_parser_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
----- Best dev CoNLLu score: epoch 16-----
Metric | Precision | Recall | F1 Score | AligndAcc
-----+-----+-----+-----+-----
Tokens | 100.00 | 100.00 | 100.00 | 
Sentences | 100.00 | 100.00 | 100.00 | 
Words | 100.00 | 100.00 | 100.00 | 
UPOS | 92.54 | 92.54 | 92.54 | 92.54
XPOS | 90.82 | 90.82 | 90.82 | 90.82
UFeats | 90.92 | 90.92 | 90.92 | 90.92
AllTags | 85.56 | 85.56 | 85.56 | 85.56
Lemmas | 0.29 | 0.29 | 0.29 | 0.29
UAS | 87.00 | 87.00 | 87.00 | 87.00
LAS | 72.94 | 72.94 | 72.94 | 72.94
CLAS | 68.48 | 68.28 | 68.38 | 68.28
MLAS | 55.30 | 55.14 | 55.22 | 55.14
BLEX | 0.15 | 0.15 | 0.15 | 0.15

```

\*\*\*\*\*

Posdep tagger: Epoch: 17

Train 17: 54it [00:22, 2.38it/s]

dev 17: 100% | 7/7 [00:01<00:00, 4.52it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	91.87	91.87	91.87	91.87
XPOS	90.25	90.25	90.25	90.25
UFeats	92.35	92.35	92.35	92.35
AllTags	85.85	85.85	85.85	85.85
Lemmas	0.29	0.29	0.29	0.29
UAS	86.33	86.33	86.33	86.33
LAS	72.18	72.18	72.18	72.18
CLAS	66.67	66.47	66.57	66.47
MLAS	55.00	54.83	54.92	54.83
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 18

Train 18: 54it [00:22, 2.40it/s]

dev 18: 100% | 7/7 [00:01<00:00, 5.25it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.54	92.54	92.54	92.54
XPOS	90.82	90.82	90.82	90.82
UFeats	92.07	92.07	92.07	92.07
AllTags	86.52	86.52	86.52	86.52
Lemmas	0.29	0.29	0.29	0.29
UAS	88.53	88.53	88.53	88.53
LAS	72.37	72.37	72.37	72.37
CLAS	65.42	66.01	65.71	66.01
MLAS	55.39	55.89	55.64	55.89
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 19

Train 19: 54it [00:22, 2.35it/s]

dev 19: 100% | 7/7 [00:01<00:00, 5.21it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.26	92.26	92.26	92.26
XPOS	90.44	90.44	90.44	90.44
UFeats	92.16	92.16	92.16	92.16
AllTags	86.04	86.04	86.04	86.04
Lemmas	0.29	0.29	0.29	0.29
UAS	88.43	88.43	88.43	88.43
LAS	72.47	72.47	72.47	72.47
CLAS	66.31	66.31	66.31	66.31

MLAS	53.32	53.32	53.32	53.32
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 20

Train 20: 54it [00:22, 2.42it/s]

dev 20: 100% [ ] 7/7 [00:01<00:00, 5.21it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	91.40	91.40	91.40	91.40
XPOS	89.87	89.87	89.87	89.87
UFeats	91.87	91.87	91.87	91.87
AllTags	85.47	85.47	85.47	85.47
Lemmas	0.29	0.29	0.29	0.29
UAS	88.72	88.72	88.72	88.72
LAS	73.04	73.04	73.04	73.04
CLAS	67.88	67.67	67.78	67.67
MLAS	56.52	56.34	56.43	56.34
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 21

Train 21: 54it [00:22, 2.39it/s]

dev 21: 100% [ ] 7/7 [00:01<00:00, 5.16it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.16	92.16	92.16	92.16
XPOS	90.63	90.63	90.63	90.63
UFeats	91.20	91.20	91.20	91.20
AllTags	85.37	85.37	85.37	85.37
Lemmas	0.29	0.29	0.29	0.29
UAS	88.15	88.15	88.15	88.15
LAS	71.89	71.89	71.89	71.89
CLAS	66.21	66.31	66.26	66.31
MLAS	53.09	53.17	53.13	53.17
BLEX	0.00	0.00	0.00	0.00

\*\*\*\*\*

Posdep tagger: Epoch: 22

Train 22: 54it [00:22, 2.43it/s]

dev 22: 100% [ ] 7/7 [00:01<00:00, 5.05it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	91.97	91.97	91.97	91.97
XPOS	90.34	90.34	90.34	90.34
UFeats	91.59	91.59	91.59	91.59
AllTags	85.76	85.76	85.76	85.76



Lemmas	0.29	0.29	0.29	0.29
UAS	87.76	87.76	87.76	87.76
LAS	72.28	72.28	72.28	72.28
CLAS	66.11	66.01	66.06	66.01
MLAS	55.37	55.29	55.33	55.29
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 23

Train 23: 54it [00:22, 2.41it/s]

dev 23: 100%|████████████████████| 7/7 [00:01<00:00, 5.25it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.73	92.73	92.73	92.73
XPOS	91.11	91.11	91.11	91.11
UFeats	91.59	91.59	91.59	91.59
AllTags	86.42	86.42	86.42	86.42
Lemmas	0.29	0.29	0.29	0.29
UAS	87.67	87.67	87.67	87.67
LAS	72.75	72.75	72.75	72.75
CLAS	67.47	67.67	67.57	67.67
MLAS	54.52	54.68	54.60	54.68
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 24

Train 24: 54it [00:22, 2.41it/s]

dev 24: 100%|████████████████████| 7/7 [00:01<00:00, 5.23it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	93.59	93.59	93.59	93.59
XPOS	92.07	92.07	92.07	92.07
UFeats	92.16	92.16	92.16	92.16
AllTags	87.48	87.48	87.48	87.48
Lemmas	0.29	0.29	0.29	0.29
UAS	88.72	88.72	88.72	88.72
LAS	74.47	74.47	74.47	74.47
CLAS	68.93	69.03	68.98	69.03
MLAS	57.77	57.85	57.81	57.85
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 25

Train 25: 54it [00:22, 2.43it/s]

dev 25: 100%|████████████████████| 7/7 [00:01<00:00, 5.25it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	91.78	91.78	91.78	91.78
XPOS	90.25	90.25	90.25	90.25

UFeats	91.40	91.40	91.40	91.40
AllTags	85.66	85.66	85.66	85.66
Lemmas	0.29	0.29	0.29	0.29
UAS	87.57	87.57	87.57	87.57
LAS	72.75	72.75	72.75	72.75
CLAS	66.67	66.77	66.72	66.77
MLAS	54.30	54.38	54.34	54.38
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 26

Train 26: 54it [00:22, 2.42it/s]

dev 26: 100%|████████████████████| 7/7 [00:01<00:00, 5.19it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
-----				
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	91.78	91.78	91.78	91.78
XPOS	90.06	90.06	90.06	90.06
UFeats	90.63	90.63	90.63	90.63
AllTags	85.18	85.18	85.18	85.18
Lemmas	0.29	0.29	0.29	0.29
UAS	87.09	87.09	87.09	87.09
LAS	72.18	72.18	72.18	72.18
CLAS	66.22	67.52	66.87	67.52
MLAS	53.93	54.98	54.45	54.98
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 27

Train 27: 54it [00:22, 2.40it/s]

dev 27: 100%|████████████████████| 7/7 [00:01<00:00, 5.18it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
-----				
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.16	92.16	92.16	92.16
XPOS	90.63	90.63	90.63	90.63
UFeats	91.11	91.11	91.11	91.11
AllTags	85.28	85.28	85.28	85.28
Lemmas	0.29	0.29	0.29	0.29
UAS	89.01	89.01	89.01	89.01
LAS	74.00	74.00	74.00	74.00
CLAS	68.64	68.43	68.53	68.43
MLAS	55.61	55.44	55.52	55.44
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 28

Train 28: 54it [00:23, 2.31it/s]

dev 28: 100%|████████████████████| 7/7 [00:01<00:00, 5.23it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
-----				
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	

Words	100.00	100.00	100.00	
UPOS	91.87	91.87	91.87	91.87
XPOS	90.34	90.34	90.34	90.34
UFeats	90.73	90.73	90.73	90.73
AllTags	85.09	85.09	85.09	85.09
Lemmas	0.29	0.29	0.29	0.29
UAS	87.76	87.76	87.76	87.76
LAS	72.47	72.47	72.47	72.47
CLAS	66.57	67.37	66.97	67.37
MLAS	53.28	53.93	53.60	53.93
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 29

Train 29: 54it [00:22, 2.43it/s]

dev 29: 100%|████████████████████| 7/7 [00:01<00:00, 5.25it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.35	92.35	92.35	92.35
XPOS	90.73	90.73	90.73	90.73
UFeats	91.68	91.68	91.68	91.68
AllTags	85.95	85.95	85.95	85.95
Lemmas	0.29	0.29	0.29	0.29
UAS	88.91	88.91	88.91	88.91
LAS	72.85	72.85	72.85	72.85
CLAS	65.92	66.31	66.11	66.31
MLAS	55.71	56.04	55.87	56.04
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 30

Train 30: 54it [00:22, 2.45it/s]

dev 30: 100%|████████████████████| 7/7 [00:01<00:00, 5.22it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	91.97	91.97	91.97	91.97
XPOS	90.44	90.44	90.44	90.44
UFeats	91.68	91.68	91.68	91.68
AllTags	85.76	85.76	85.76	85.76
Lemmas	0.29	0.29	0.29	0.29
UAS	89.10	89.10	89.10	89.10
LAS	74.28	74.28	74.28	74.28
CLAS	69.03	69.03	69.03	69.03
MLAS	56.19	56.19	56.19	56.19
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 31

Train 31: 54it [00:22, 2.36it/s]

dev 31: 100%|████████████████████| 7/7 [00:01<00:00, 4.86it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

----- Best dev CoNLLu score: epoch 31-----

Metric	Precision	Recall	F1 Score	AligndAcc
--------	-----------	--------	----------	-----------



Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	91.97	91.97	91.97	91.97
XPOS	90.44	90.44	90.44	90.44
UFeats	90.92	90.92	90.92	90.92
AllTags	85.09	85.09	85.09	85.09
Lemmas	0.29	0.29	0.29	0.29
UAS	88.05	88.05	88.05	88.05
LAS	72.85	72.85	72.85	72.85
CLAS	66.62	66.92	66.77	66.92
MLAS	55.04	55.29	55.16	55.29
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 35

Train 35: 54it [00:22, 2.40it/s]

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

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.26	92.26	92.26	92.26
XPOS	90.54	90.54	90.54	90.54
UFeats	91.30	91.30	91.30	91.30
AllTags	85.37	85.37	85.37	85.37
Lemmas	0.29	0.29	0.29	0.29
UAS	87.86	87.86	87.86	87.86
LAS	73.23	73.23	73.23	73.23
CLAS	67.12	67.82	67.47	67.82
MLAS	56.35	56.95	56.65	56.95
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 36

Train 36: 54it [00:23, 2.33it/s]

dev 36: 100%|████████████████████| 7/7 [00:01<00:00, 4.52it/s]

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.35	92.35	92.35	92.35
XPOS	90.63	90.63	90.63	90.63
UFeats	91.78	91.78	91.78	91.78
AllTags	85.66	85.66	85.66	85.66
Lemmas	0.29	0.29	0.29	0.29
UAS	89.58	89.58	89.58	89.58
LAS	74.00	74.00	74.00	74.00
CLAS	67.73	67.52	67.62	67.52
MLAS	56.06	55.89	55.98	55.89
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 37

Train 37: 54it [00:22, 2.39it/s]

dev 37: 100%|████████████████████| 7/7 [00:01<00:00, 5.18it/s]

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

Metric	Precision	Recall	F1 Score	AligndAcc
--------	-----------	--------	----------	-----------

Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.73	92.73	92.73	92.73
XPOS	91.11	91.11	91.11	91.11
UFeats	91.97	91.97	91.97	91.97
AllTags	86.42	86.42	86.42	86.42
Lemmas	0.29	0.29	0.29	0.29
UAS	88.91	88.91	88.91	88.91
LAS	74.09	74.09	74.09	74.09
CLAS	67.27	67.67	67.47	67.67
MLAS	56.16	56.50	56.33	56.50
BLEX	0.30	0.30	0.30	0.30

\*\*\*\*\*

Posdep tagger: Epoch: 38

Train 38: 54it [00:22, 2.36it/s]

dev 38: 100% | 7/7 [00:01<00:00, 4.39it/s]

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.16	92.16	92.16	92.16
XPOS	90.34	90.34	90.34	90.34
UFeats	91.59	91.59	91.59	91.59
AllTags	85.95	85.95	85.95	85.95
Lemmas	0.29	0.29	0.29	0.29
UAS	88.24	88.24	88.24	88.24
LAS	73.80	73.80	73.80	73.80
CLAS	68.28	68.28	68.28	68.28
MLAS	56.65	56.65	56.65	56.65
BLEX	0.30	0.30	0.30	0.30

\*\*\*\*\*

Posdep tagger: Epoch: 39

Train 39: 54it [00:22, 2.36it/s]

dev 39: 100% | 7/7 [00:01<00:00, 5.18it/s]

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.64	92.64	92.64	92.64
XPOS	91.01	91.01	91.01	91.01
UFeats	91.40	91.40	91.40	91.40
AllTags	86.23	86.23	86.23	86.23
Lemmas	0.29	0.29	0.29	0.29
UAS	88.24	88.24	88.24	88.24
LAS	73.23	73.23	73.23	73.23
CLAS	67.17	67.37	67.27	67.37
MLAS	55.42	55.59	55.51	55.59
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 40

Train 40: 54it [00:22, 2.36it/s]

dev 40: 100% | 7/7 [00:01<00:00, 5.09it/s]

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

Metric	Precision	Recall	F1 Score	AligndAcc
--------	-----------	--------	----------	-----------

Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.73	92.73	92.73	92.73
XPOS	91.11	91.11	91.11	91.11
UFeats	92.07	92.07	92.07	92.07
AllTags	86.81	86.81	86.81	86.81
Lemmas	0.29	0.29	0.29	0.29
UAS	88.53	88.53	88.53	88.53
LAS	73.61	73.61	73.61	73.61
CLAS	67.57	67.67	67.62	67.67
MLAS	56.41	56.50	56.45	56.50
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 41

Train 41: 54it [00:23, 2.26it/s]

dev 41: 100%|████████████████████| 7/7 [00:01<00:00, 4.53it/s]

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.54	92.54	92.54	92.54
XPOS	90.92	90.92	90.92	90.92
UFeats	92.07	92.07	92.07	92.07
AllTags	85.76	85.76	85.76	85.76
Lemmas	0.29	0.29	0.29	0.29
UAS	87.38	87.38	87.38	87.38
LAS	73.04	73.04	73.04	73.04
CLAS	67.88	67.67	67.78	67.67
MLAS	55.91	55.74	55.82	55.74
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 42

Train 42: 54it [00:23, 2.34it/s]

dev 42: 100%|████████████████████| 7/7 [00:01<00:00, 5.15it/s]

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.16	92.16	92.16	92.16
XPOS	90.34	90.34	90.34	90.34
UFeats	91.20	91.20	91.20	91.20
AllTags	84.99	84.99	84.99	84.99
Lemmas	0.29	0.29	0.29	0.29
UAS	88.24	88.24	88.24	88.24
LAS	74.38	74.38	74.38	74.38
CLAS	68.82	69.34	69.07	69.34
MLAS	56.97	57.40	57.19	57.40
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 43

Train 43: 54it [00:23, 2.31it/s]

dev 43: 100%|████████████████████| 7/7 [00:01<00:00, 4.27it/s]

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

Metric	Precision	Recall	F1 Score	AligndAcc
--------	-----------	--------	----------	-----------

Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.16	92.16	92.16	92.16
XPOS	90.44	90.44	90.44	90.44
UFeats	91.59	91.59	91.59	91.59
AllTags	85.66	85.66	85.66	85.66
Lemmas	0.29	0.29	0.29	0.29
UAS	87.48	87.48	87.48	87.48
LAS	73.61	73.61	73.61	73.61
CLAS	68.43	68.43	68.43	68.43
MLAS	56.50	56.50	56.50	56.50
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 44

Train 44: 54it [00:23, 2.30it/s]

dev 44: 100%|████████████████████| 7/7 [00:01<00:00, 5.16it/s]

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

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.64	92.64	92.64	92.64
XPOS	91.20	91.20	91.20	91.20
UFeats	91.40	91.40	91.40	91.40
AllTags	85.66	85.66	85.66	85.66
Lemmas	0.29	0.29	0.29	0.29
UAS	89.01	89.01	89.01	89.01
LAS	74.76	74.76	74.76	74.76
CLAS	68.17	68.28	68.23	68.28
MLAS	55.81	55.89	55.85	55.89
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 45

Train 45: 54it [00:23, 2.34it/s]

dev 45: 100%|████████████████████| 7/7 [00:01<00:00, 5.15it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

----- Best dev CoNLLu score: epoch 45-----

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.16	92.16	92.16	92.16
XPOS	90.54	90.54	90.54	90.54
UFeats	90.82	90.82	90.82	90.82
AllTags	84.99	84.99	84.99	84.99
Lemmas	0.29	0.29	0.29	0.29
UAS	89.01	89.01	89.01	89.01
LAS	75.43	75.43	75.43	75.43
CLAS	69.64	69.64	69.64	69.64
MLAS	57.55	57.55	57.55	57.55
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 46

Train 46: 54it [00:23, 2.28it/s]

dev 46: 100%|████████████████████| 7/7 [00:01<00:00, 5.11it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)



----- Best dev CoNLLu score: epoch 46-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.45	92.45	92.45	92.45
XPOS	90.92	90.92	90.92	90.92
UFeats	91.40	91.40	91.40	91.40
AllTags	85.66	85.66	85.66	85.66
Lemmas	0.29	0.29	0.29	0.29
UAS	88.91	88.91	88.91	88.91
LAS	74.95	74.95	74.95	74.95
CLAS	69.44	69.34	69.39	69.34
MLAS	57.79	57.70	57.75	57.70
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 47

Train 47: 54it [00:23, 2.32it/s]

dev 47: 100%|████████████████████| 7/7 [00:01<00:00, 5.09it/s]

----- Best dev CoNLLu score: epoch 46-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.64	92.64	92.64	92.64
XPOS	90.92	90.92	90.92	90.92
UFeats	91.59	91.59	91.59	91.59
AllTags	86.04	86.04	86.04	86.04
Lemmas	0.29	0.29	0.29	0.29
UAS	89.10	89.10	89.10	89.10
LAS	74.38	74.38	74.38	74.38
CLAS	68.43	68.43	68.43	68.43
MLAS	57.10	57.10	57.10	57.10
BLEX	0.30	0.30	0.30	0.30

\*\*\*\*\*

Posdep tagger: Epoch: 48

Train 48: 54it [00:23, 2.26it/s]

dev 48: 100%|████████████████████| 7/7 [00:01<00:00, 5.10it/s]

----- Best dev CoNLLu score: epoch 46-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.45	92.45	92.45	92.45
XPOS	90.82	90.82	90.82	90.82
UFeats	91.68	91.68	91.68	91.68
AllTags	85.95	85.95	85.95	85.95
Lemmas	0.29	0.29	0.29	0.29
UAS	88.72	88.72	88.72	88.72
LAS	73.90	73.90	73.90	73.90
CLAS	67.72	67.82	67.77	67.82
MLAS	56.86	56.95	56.91	56.95
BLEX	0.30	0.30	0.30	0.30

\*\*\*\*\*

Posdep tagger: Epoch: 49

Train 49: 54it [00:23, 2.33it/s]

dev 49: 100%|████████████████████| 7/7 [00:01<00:00, 5.13it/s]

----- Best dev CoNLLu score: epoch 46-----				
Metric	Precision	Recall	F1 Score	AligndAcc

Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.54	92.54	92.54	92.54
XPOS	90.82	90.82	90.82	90.82
UFeats	90.73	90.73	90.73	90.73
AllTags	85.47	85.47	85.47	85.47
Lemmas	0.29	0.29	0.29	0.29
UAS	88.91	88.91	88.91	88.91
LAS	73.71	73.71	73.71	73.71
CLAS	67.17	67.37	67.27	67.37
MLAS	55.57	55.74	55.66	55.74
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 50

Train 50: 54it [00:23, 2.29it/s]

dev 50: 100% | 7/7 [00:01<00:00, 5.04it/s]

----- Best dev CoNLLu score: epoch 46 -----

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.73	92.73	92.73	92.73
XPOS	91.11	91.11	91.11	91.11
UFeats	91.49	91.49	91.49	91.49
AllTags	86.04	86.04	86.04	86.04
Lemmas	0.29	0.29	0.29	0.29
UAS	88.62	88.62	88.62	88.62
LAS	73.80	73.80	73.80	73.80
CLAS	67.93	67.82	67.88	67.82
MLAS	56.58	56.50	56.54	56.50
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 51

Train 51: 54it [00:24, 2.23it/s]

dev 51: 100% | 7/7 [00:01<00:00, 4.94it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

----- Best dev CoNLLu score: epoch 51 -----

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.83	92.83	92.83	92.83
XPOS	91.01	91.01	91.01	91.01
UFeats	91.78	91.78	91.78	91.78
AllTags	86.14	86.14	86.14	86.14
Lemmas	0.29	0.29	0.29	0.29
UAS	89.39	89.39	89.39	89.39
LAS	74.95	74.95	74.95	74.95
CLAS	69.35	69.03	69.19	69.03
MLAS	58.12	57.85	57.99	57.85
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 52

Train 52: 54it [00:23, 2.33it/s]

dev 52: 100% | 7/7 [00:01<00:00, 5.04it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

----- Best dev CoNLLu score: epoch 52-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.54	92.54	92.54	92.54
XPOS	91.01	91.01	91.01	91.01
UFeats	91.78	91.78	91.78	91.78
AllTags	86.14	86.14	86.14	86.14
Lemmas	0.29	0.29	0.29	0.29
UAS	89.87	89.87	89.87	89.87
LAS	75.24	75.24	75.24	75.24
CLAS	69.34	69.34	69.34	69.34
MLAS	58.01	58.01	58.01	58.01
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 53

Train 53: 54it [00:23, 2.27it/s]

dev 53: 100% | 7/7 [00:01<00:00, 5.04it/s]

----- Best dev CoNLLu score: epoch 52-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.45	92.45	92.45	92.45
XPOS	90.73	90.73	90.73	90.73
UFeats	91.30	91.30	91.30	91.30
AllTags	85.85	85.85	85.85	85.85
Lemmas	0.29	0.29	0.29	0.29
UAS	88.53	88.53	88.53	88.53
LAS	74.57	74.57	74.57	74.57
CLAS	69.08	69.18	69.13	69.18
MLAS	57.32	57.40	57.36	57.40
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 54

Train 54: 54it [00:23, 2.26it/s]

dev 54: 100% | 7/7 [00:01<00:00, 5.05it/s]

----- Best dev CoNLLu score: epoch 52-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.26	92.26	92.26	92.26
XPOS	90.34	90.34	90.34	90.34
UFeats	90.63	90.63	90.63	90.63
AllTags	84.99	84.99	84.99	84.99
Lemmas	0.29	0.29	0.29	0.29
UAS	87.19	87.19	87.19	87.19
LAS	72.75	72.75	72.75	72.75
CLAS	67.12	67.52	67.32	67.52
MLAS	54.20	54.53	54.37	54.53
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 55

Train 55: 54it [00:23, 2.32it/s]

dev 55: 100% | 7/7 [00:01<00:00, 4.90it/s]



dev 58: 100%|████████████████████| 7/7 [00:01<00:00, 5.01it/s]

----- Best dev CoNLLu score: epoch 56 -----

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.07	92.07	92.07	92.07
XPOS	90.63	90.63	90.63	90.63
UFeats	91.01	91.01	91.01	91.01
AllTags	85.56	85.56	85.56	85.56
Lemmas	0.29	0.29	0.29	0.29
UAS	88.72	88.72	88.72	88.72
LAS	74.67	74.67	74.67	74.67
CLAS	69.31	69.94	69.62	69.94
MLAS	57.04	57.55	57.29	57.55
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 59

Train 59: 54it [00:23, 2.26it/s]

dev 59: 100%|████████████████████| 7/7 [00:01<00:00, 4.98it/s]

----- Best dev CoNLLu score: epoch 56 -----

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	91.78	91.78	91.78	91.78
XPOS	90.25	90.25	90.25	90.25
UFeats	90.82	90.82	90.82	90.82
AllTags	85.18	85.18	85.18	85.18
Lemmas	0.29	0.29	0.29	0.29
UAS	88.34	88.34	88.34	88.34
LAS	73.71	73.71	73.71	73.71
CLAS	67.07	67.67	67.37	67.67
MLAS	55.69	56.19	55.94	56.19
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 60

Train 60: 54it [00:23, 2.27it/s]

dev 60: 100%|████████████████████| 7/7 [00:01<00:00, 4.55it/s]

----- Best dev CoNLLu score: epoch 56 -----

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.73	92.73	92.73	92.73
XPOS	90.82	90.82	90.82	90.82
UFeats	91.59	91.59	91.59	91.59
AllTags	86.04	86.04	86.04	86.04
Lemmas	0.29	0.29	0.29	0.29
UAS	88.53	88.53	88.53	88.53
LAS	74.57	74.57	74.57	74.57
CLAS	69.22	69.64	69.43	69.64
MLAS	56.46	56.80	56.63	56.80
BLEX	0.30	0.30	0.30	0.30

\*\*\*\*\*

Posdep tagger: Epoch: 61

Train 61: 54it [00:24, 2.25it/s]

dev 61: 100%|████████████████████| 7/7 [00:01<00:00, 4.94it/s]









----- Best dev CoNLLu score: epoch 56-----				
Metric	Precision	Recall	F1 Score	AligndAcc
-----				
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.16	92.16	92.16	92.16
XPOS	90.44	90.44	90.44	90.44
UFeats	91.78	91.78	91.78	91.78
AllTags	85.85	85.85	85.85	85.85
Lemmas	0.29	0.29	0.29	0.29
UAS	88.72	88.72	88.72	88.72
LAS	74.57	74.57	74.57	74.57
CLAS	69.41	68.88	69.14	68.88
MLAS	57.38	56.95	57.16	56.95
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 71

Train 71: 54it [00:23, 2.25it/s]

dev 71: 100%|████████████████████| 7/7 [00:01<00:00, 4.99it/s]

----- Best dev CoNLLu score: epoch 56-----				
Metric	Precision	Recall	F1 Score	AligndAcc
-----				
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.54	92.54	92.54	92.54
XPOS	90.92	90.92	90.92	90.92
UFeats	91.49	91.49	91.49	91.49
AllTags	85.56	85.56	85.56	85.56
Lemmas	0.29	0.29	0.29	0.29
UAS	89.01	89.01	89.01	89.01
LAS	74.86	74.86	74.86	74.86
CLAS	69.85	69.64	69.74	69.64
MLAS	57.58	57.40	57.49	57.40
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 72

Train 72: 54it [00:24, 2.23it/s]

dev 72: 100%|████████████████████| 7/7 [00:01<00:00, 5.01it/s]

----- Best dev CoNLLu score: epoch 56-----				
Metric	Precision	Recall	F1 Score	AligndAcc
-----				
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.35	92.35	92.35	92.35
XPOS	90.73	90.73	90.73	90.73
UFeats	91.30	91.30	91.30	91.30
AllTags	85.56	85.56	85.56	85.56
Lemmas	0.29	0.29	0.29	0.29
UAS	89.96	89.96	89.96	89.96
LAS	75.53	75.53	75.53	75.53
CLAS	70.15	69.94	70.05	69.94
MLAS	58.48	58.31	58.40	58.31
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 73

Train 73: 54it [00:24, 2.19it/s]

dev 73: 100%|████████████████████| 7/7 [00:01<00:00, 5.03it/s]

----- Best dev CoNLLu score: epoch 56-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.54	92.54	92.54	92.54
XPOS	90.92	90.92	90.92	90.92
UFeats	91.40	91.40	91.40	91.40
AllTags	85.76	85.76	85.76	85.76
Lemmas	0.29	0.29	0.29	0.29
UAS	89.67	89.67	89.67	89.67
LAS	75.43	75.43	75.43	75.43
CLAS	69.23	69.34	69.28	69.34
MLAS	58.22	58.31	58.26	58.31
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 74

Train 74: 54it [00:23, 2.28it/s]

dev 74: 100%|████████████████████| 7/7 [00:01<00:00, 4.51it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

----- Best dev CoNLLu score: epoch 74-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.54	92.54	92.54	92.54
XPOS	91.01	91.01	91.01	91.01
UFeats	91.40	91.40	91.40	91.40
AllTags	85.85	85.85	85.85	85.85
Lemmas	0.29	0.29	0.29	0.29
UAS	90.34	90.34	90.34	90.34
LAS	75.81	75.81	75.81	75.81
CLAS	69.34	69.34	69.34	69.34
MLAS	58.61	58.61	58.61	58.61
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 75

Train 75: 54it [00:24, 2.22it/s]

dev 75: 100%|████████████████████| 7/7 [00:01<00:00, 4.98it/s]

----- Best dev CoNLLu score: epoch 74-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.54	92.54	92.54	92.54
XPOS	90.92	90.92	90.92	90.92
UFeats	91.20	91.20	91.20	91.20
AllTags	85.66	85.66	85.66	85.66
Lemmas	0.29	0.29	0.29	0.29
UAS	89.96	89.96	89.96	89.96
LAS	74.67	74.67	74.67	74.67
CLAS	67.87	67.98	67.92	67.98
MLAS	56.41	56.50	56.45	56.50
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 76

Train 76: 54it [00:24, 2.21it/s]

dev 76: 100%|████████████████████| 7/7 [00:01<00:00, 5.04it/s]





Best dev CoNLLu score: epoch 74-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.54	92.54	92.54	92.54
XPOS	90.82	90.82	90.82	90.82
UFeats	91.20	91.20	91.20	91.20
AllTags	85.66	85.66	85.66	85.66
Lemmas	0.29	0.29	0.29	0.29
UAS	90.06	90.06	90.06	90.06
LAS	75.72	75.72	75.72	75.72
CLAS	69.02	69.34	69.18	69.34
MLAS	58.65	58.91	58.78	58.91
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 83

Train 83: 54it [00:24, 2.20it/s]

dev 83: 100%|████████████████████| 7/7 [00:01<00:00, 4.62it/s]

Saving adapter weights to ... ./Amh\_parser\_dir/xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)

Best dev CoNLLu score: epoch 83-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.83	92.83	92.83	92.83
XPOS	91.30	91.30	91.30	91.30
UFeats	91.30	91.30	91.30	91.30
AllTags	86.14	86.14	86.14	86.14
Lemmas	0.29	0.29	0.29	0.29
UAS	89.96	89.96	89.96	89.96
LAS	75.81	75.81	75.81	75.81
CLAS	69.17	69.49	69.33	69.49
MLAS	59.10	59.37	59.23	59.37
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 84

Train 84: 54it [00:25, 2.15it/s]

dev 84: 100%|████████████████████| 7/7 [00:01<00:00, 4.53it/s]

Best dev CoNLLu score: epoch 83-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.83	92.83	92.83	92.83
XPOS	91.20	91.20	91.20	91.20
UFeats	91.49	91.49	91.49	91.49
AllTags	86.23	86.23	86.23	86.23
Lemmas	0.29	0.29	0.29	0.29
UAS	89.48	89.48	89.48	89.48
LAS	75.53	75.53	75.53	75.53
CLAS	69.49	69.49	69.49	69.49
MLAS	58.01	58.01	58.01	58.01
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 85

Train 85: 54it [00:23, 2.28it/s]

dev 85: 100%|████████████████████| 7/7 [00:01<00:00, 5.03it/s]





----- Best dev CoNLLu score: epoch 83-----				
Metric	Precision	Recall	F1 Score	AligndAcc
-----				
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.93	92.93	92.93	92.93
XPOS	91.40	91.40	91.40	91.40
UFeats	91.59	91.59	91.59	91.59
AllTags	86.33	86.33	86.33	86.33
Lemmas	0.29	0.29	0.29	0.29
UAS	89.20	89.20	89.20	89.20
LAS	75.33	75.33	75.33	75.33
CLAS	69.34	69.34	69.34	69.34
MLAS	58.91	58.91	58.91	58.91
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 92

Train 92: 54it [00:24, 2.19it/s]

dev 92: 100%|████████████████████| 7/7 [00:01<00:00, 4.59it/s]

----- Best dev CoNLLu score: epoch 83-----				
Metric	Precision	Recall	F1 Score	AligndAcc
-----				
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.93	92.93	92.93	92.93
XPOS	91.40	91.40	91.40	91.40
UFeats	91.30	91.30	91.30	91.30
AllTags	86.04	86.04	86.04	86.04
Lemmas	0.29	0.29	0.29	0.29
UAS	89.67	89.67	89.67	89.67
LAS	75.43	75.43	75.43	75.43
CLAS	69.49	69.49	69.49	69.49
MLAS	58.91	58.91	58.91	58.91
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 93

Train 93: 54it [00:24, 2.23it/s]

dev 93: 100%|████████████████████| 7/7 [00:01<00:00, 5.02it/s]

----- Best dev CoNLLu score: epoch 83-----				
Metric	Precision	Recall	F1 Score	AligndAcc
-----				
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.83	92.83	92.83	92.83
XPOS	91.30	91.30	91.30	91.30
UFeats	91.40	91.40	91.40	91.40
AllTags	86.23	86.23	86.23	86.23
Lemmas	0.29	0.29	0.29	0.29
UAS	89.67	89.67	89.67	89.67
LAS	75.43	75.43	75.43	75.43
CLAS	69.23	69.34	69.28	69.34
MLAS	58.97	59.06	59.02	59.06
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 94

Train 94: 54it [00:24, 2.24it/s]

dev 94: 100%|████████████████████| 7/7 [00:01<00:00, 5.02it/s]





----- Best dev CoNLLu score: epoch 83-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.93	92.93	92.93	92.93
XPOS	91.40	91.40	91.40	91.40
UFeats	91.40	91.40	91.40	91.40
AllTags	86.33	86.33	86.33	86.33
Lemmas	0.29	0.29	0.29	0.29
UAS	89.39	89.39	89.39	89.39
LAS	75.24	75.24	75.24	75.24
CLAS	68.98	69.18	69.08	69.18
MLAS	59.04	59.21	59.13	59.21
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 98

Train 98: 54it [00:24, 2.24it/s]

dev 98: 100%|████████████████████| 7/7 [00:01<00:00, 4.39it/s]

----- Best dev CoNLLu score: epoch 83-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.93	92.93	92.93	92.93
XPOS	91.40	91.40	91.40	91.40
UFeats	91.40	91.40	91.40	91.40
AllTags	86.33	86.33	86.33	86.33
Lemmas	0.29	0.29	0.29	0.29
UAS	89.39	89.39	89.39	89.39
LAS	75.24	75.24	75.24	75.24
CLAS	68.98	69.18	69.08	69.18
MLAS	59.04	59.21	59.13	59.21
BLEX	0.15	0.15	0.15	0.15

\*\*\*\*\*

Posdep tagger: Epoch: 99

Train 99: 54it [00:25, 2.08it/s]

dev 99: 100%|████████████████████| 7/7 [00:01<00:00, 4.99it/s]

----- Best dev CoNLLu score: epoch 83-----				
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.93	92.93	92.93	92.93
XPOS	91.40	91.40	91.40	91.40
UFeats	91.40	91.40	91.40	91.40
AllTags	86.33	86.33	86.33	86.33
Lemmas	0.29	0.29	0.29	0.29
UAS	89.39	89.39	89.39	89.39
LAS	75.24	75.24	75.24	75.24
CLAS	68.98	69.18	69.08	69.18
MLAS	59.04	59.21	59.13	59.21
BLEX	0.15	0.15	0.15	0.15

(trankit) [gusjembda@GU.GU.SE@eduserv MLT-Thesis]\$

