```
gusjembda@GU.GU.SE@edus X
/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 dis
able this warning
  warnings.warn(
*********
Posdep tagger: Epoch: 0
Train 0: 54it [00:26, 2.04it/s]
                                           | 7/7 [00:01<00:00. 4.84it/s]
dev 0: 100%
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
                                                   14.44
AllTags
                14.44
                            14.44
                                       14.44
                            0.29
                                        0.29
                                                   0.29
Lemmas
                 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]
                                           | 7/7 [00:01<00:00, 5.14it/s]
dev 1: 100%
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	j i
Words	100.00	100.00	100.00	j
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 Sentences Words UPOS	100.00 100.00 100.00 100.00 87.67	100.00 100.00 100.00 87.67	100.00 100.00 100.00 87.67	 87.67

XPOS	85.95	85.95	85.95	85.95
UFeats	84.03	84.03	84.03	84.03
AllTags	74.67	74.67	74.67	74.67
Lemmas	0.29	0.29	0.29	0.29
UAS	70.46	70.46	70.46	70.46
LAS	51.91	51.91	51.91	51.91
CLAS	44.54	45.02	44.78	45.02
MLAS	26.31	26.59	26.45	26.59
BLEX	0.00	0.00	0.00	0.00
	*****	****		
	ger: Epoch: 3			
	4it [00:22, 2.	.37it/s]		
dev 3: 100				7/7 [00:01<00:00, 4.88it/s]
Saving ada	pter weights to			xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
		Best	dev CoNLLu	score: epoch 3
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	89.67	89.67	89.67	89.67
XPOS	87.86	87.86	87.86	87.86
UFeats	86.71	86.71	86.71	86.71
AllTags	79.45	79.45	79.45	79.45
Lemmas	0.29	0.29	0.29	0.29
UAS	74.47	74.47	74.47	74.47
LAS	55.16	55.16	55.16	55.16
CLAS	47.95	47.73	47.84	47.73
MLAS	32.47	32.33	32.40	32.33
BLEX	0.00	0.00	0.00	0.00
	*************** ger: Epoch: 4			
	4it [00:22, 2.	41it/s]		
dev 4: 100		· · · · · · ·		7/7 [00:01<00:00, 5.17it/s]
		o/Amh		xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
				score: epoch 4
Metric	Precision	Recall		
	-+			Actyline
Tokens	100.00	100.00	100.00	i
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	89.96			89.96
		89.96	89.96 88.05	
XPOS	88.05	88.05		88.05
UFeats	87.95	87.95	87.95	87.95
AllTags	80.98	80.98	80.98	80.98
Lemmas	0.29	0.29	0.29	0.29
UAS	81.17	81.17	81.17	81.17
LAS	60.61	60.61	60.61	60.61
CLAS	53.88	53.47	53.68	53.47
MLAS	38.20	37.92	38.06	37.92
BLEX	0.00	0.00	0.00	0.00
*****	*****	****		
Posdep tag	ger: Epoch: 5			
	4it [00:22, 2.	.36it/sl		
dev 5: 100				7/7 [00:01<00:00, 5.24it/s]
		o /Amb		xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
ada				score: epoch 5
Motnic	Drocision			AliandAcc
Metric	Precision	Recall		Actignated
Tokons	100.00	100 00	100 00	
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	

Words	100.00	100.00	100.00		
				00.15	
UPOS	90.15	90.15	90.15	90.15	
XPOS	88.72	88.72	88.72	88.72	
UFeats	88.91	88.91	88.91	88.91	
AllTags	81.84	81.84	81.84	81.84	
Lemmas	0.29	0.29	0.29	0.29	
UAS	80.88	80.88	80.88	80.88	
LAS	61.85	61.85	61.85	61.85	
CLAS	54.53	54.53	54.53	54.53	
MLAS	39.58	39.58	39.58	39.58	
BLEX	0.00	0.00	0.00	0.00	
*******	******	*****			
Posden tagg	er: Epoch: 6				
		un:+/-1			
	<u>it [00:22, 2</u>	.431T/S]			
dev 6: 100%				7 [00:01<00:00, 5.21it/s]	
ache paive2	ter weights t	o /Amb		n-roberta-base/customized-mwt-ner/customized-mwt-	ner tagger mdl (15 61 MR)
Javing adap	cer weights t				rer.eagger.mat (13.01 MB)
				ore: epoch 6	
Metric	Precision	Recall	F1 Score	AligndAcc	
		400			
Tokens	100.00	100.00	100.00		
Sentences	100.00	100.00	100.00		
Words	100.00	100.00	100.00		
UPOS	91.01	91.01	91.01	91.01	
XP0S	89.39	89.39	89.39	89.39	
UFeats	91.20	91.20	91.20	91.20	
AllTags	84.23	84.23	84.23	84.23	
Lemmas	0.29	0.29	0.29	0.29	
UAS	83.94	83.94	83.94	83.94	
LAS	65.87	65.87	65.87	65.87	
	58.12	58.91	58.51	58.91	
CLAS					
MLAS	45.01	45.62	45.31	45.62	
BLEX	0.00	0.00	0.00	0.00	
*****	******	*****			
Posden tagg	er: Epoch: 7				
	it [00:22, 2	#11++/cl			
		.411(/5]		F	
dev 7: 100%				7 [00:01<00:00, 4.85it/s]	
Saving adap	ter weights t	o/Amh	parser dir/	n-roberta-base/customized-mwt-ner/customized-mwt-	ner.tagger.mdl (15.61 MR)
aaap					11. 11.9911 1 (10101 110)
				ore: epoch 7	
Metric	Precision	Recall	F1 Score	AligndAcc	
	++		+		
Taliana	100 00	100 00	100.00		
Tokens	100.00	100.00	100.00		
Sentences	100.00	100.00	100.00		
Nords	100.00	100.00	100.00		
				00.03	
JP0S	90.92	90.92	90.92	90.92	
XPOS	89.58	89.58	89.58	89.58	
JFeats	90.73	90.73	90.73	90.73	
AllTags	84.42	84.42	84.42	84.42	
Lemmas	0.29	0.29	0.29	0.29	
UAS					
	84.23	84.23	84.23	84.23	
LAS	66.25	66.25	66.25	66.25	
CLAS	57.93	58.46	58.20	58.46	
MLAS	46.26	46.68	46.47	46.68	
BLEX	0.00	0.00	0.00	0.00	
*******	******	*****			
Posdep tagg	er: Epoch: 8				
		112:1+/-1			
	it [00:22, 2	431t/S]			
dev 8: 100%				7 [00:01<00:00, 5.10it/s]	
	ter weights t	0 /Amb		n-roberta-base/customized-mwt-ner/customized-mwt-	ner tagger mdl (15 61 MP)
Saving adap	cci weights t				ici.caggei.mae (10.01 hb)
Saving adap 		Best	dev CoNLLu	ore: epoch 8	ici.caggei.mac (10.01 hb)
		Best	dev CoNLLu	ore: epoch 8	rer : eagger : mar (10.01 hb)
Saving adap Metric 			dev CoNLLu	ore: epoch 8	ici.cagger.mac (10.01 hb)

Tokens	100.00	100.00	100.00	I	
		100.00		ł	
Sentences	100.00		100.00	!	
Words	100.00	100.00	100.00	04 50	
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 tagge	er: Epoch: 9				
Train 9: 54i	it [00:22, :	2.43it/sl			
dev 9: 100%				7/7 [00:01<00:0	00. 4.93it/s]
		to/Amh			se/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	l	
Sentences	100.00	100.00	100.00	i	
Words	100.00	100.00	100.00	i	
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	
LAS	86.14	86.14	86.14	:	
	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	

	er: Epoch: 1				
	lit [00:22,	2.42it/s]		_ /	
dev 10: 100%				7/7 [00:01<00:0	00, 5.25it/s]
Saving adapt	ter weights				se/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
					0
Metric	Precision	Recall	F1 Score	AligndAcc	
		+		+	
Tokens	100.00	100.00	100.00	!	
Sentences	100.00	100.00	100.00	ļ	
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	
DEEX	0.10	0.10	0.10	0.10	
*****		++++++			

Posdep tagger: Epoch: 11 Train 11: 54it [00:22, 2.43it/s] dev 11: 100%

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)

Maturia		Best Recall		score: epoch
Metric	Precision +		F1 Score	AligndAcc +
Tokens	100.00	100.00	100.00	İ
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	l
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]

		Deac	dev Contla	score. epoch
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	i
Sentences	100.00	100.00	100.00	ĺ
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%| The second of th

		Best	dev CoNLLu s	score: epoch
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	+
Sentences	100.00	100.00	100.00	İ
Words	100.00	100.00	100.00	İ
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-----
                          Recall | F1 Score | AligndAcc
Metric
          | Precision |
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
                                                 66.47
                66.27
                           66.47
                                      66.37
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
               100.00
                          100.00
                                     100.00
Sentences
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
                           0.15
BLEX
                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
                                                 90.92
UFeats
                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
                                                 68.28
                                      68.38
MLAS
                           55.14
                                                 55.14
                55.30
                                      55.22
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----Recall | F1 Score | AligndAcc Metric Precision Tokens 100.00 100.00 100.00 100.00 100.00 Sentences 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 54.83 54.92 55.00 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 100.00 100.00 100.00 100.00 100.00 100.00 Words 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 0.29 Lemmas 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------Recall | F1 Score | AligndAcc Metric Precision Tokens 100.00 100.00 100.00 100.00 100.00 Sentences 100.00 100.00 Words 100.00 100.00 UPOS 92.26 92.26 92.26 92.26 XPOS 90.44 90.44 90.44 90.44 92.16 **UFeats** 92.16 92.16 92.16 AllTags 86.04 86.04 86.04 86.04

Lemmas

UAS

LAS

CLAS

0.29

88.43

72.47

66.31

0.29

88.43

72.47

66.31

0.29

88.43

72.47

66.31

0.29

88.43

72.47

MLAS BLEX	53.32 0.15	53.32 0.15	53.32 0.15	53.32 0.15	
Posdep tagge	********* er: Epoch: 20 4it [00:22,)			
dev 20: 1009	8	o/Amh	_parser_dir/	xlm-roberta-b	0:00, 5.21it/s] ase/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
Metric	Precision	Best Recall 		score: epoch AligndAcc +	20
Tokens	100.00	100.00	100.00	i	
Sentences	100.00	100.00	100.00		
Words	100.00	100.00	100.00	01 (10	
UPOS XPOS	91.40	91.40	91.40	91.40	
UFeats	89.87 91.87	89.87 91.87	89.87 91.87	89.87 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	
	*****	and a dealer dealer de			
	er: Epoch: 21 4it [00:22,				
dev 21: 1009		2.391(/3]		7/7 [00.01<00	0:00, 5.16it/s]
		·O /Amh	parser dir/	/// [00.01.00 xlm-roberta-b	rase/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
Metric	Precision	Best		score: epoch	21
	+		+	+	
Tokens	100.00	100.00	100.00	l	
Sentences	100.00	100.00	100.00		
Words	100.00	100.00	100.00		
UPOS	92.16	92.16	92.16	92.16	
XPOS UFeats	90.63 91.20	90.63 91.20	90.63 91.20	90.63 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	
ale de de de de de de de de de d	*****	ما و ماد ماد ماد ماد ماد ماد ماد ماد			
	********** er: Epoch: 22				
	4it [00:22.				
dev 22: 1009		_, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		7/7 [00:01<06	0:00, 5.05it/s]
		o/Amh			pase/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
		Best	dev CoNLLu :	score: epoch	
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	İ	
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	

85.76

85.76

AllTags

85.76

mmas	0.29	0.29	0.29	0.29			
.s .s	87.76 72.28	87.76 72.28	87.76 72.28	87.76 72.28			
AS	66.11	66.01	66.06	66.01			
AS	55.37	55.29	55.33	55.29			
EX	0.15	0.15	0.15				
	******	ماد ماد ماد ماد ماد					
	: Epoch: 23	*****					
	t [00:22, 2	2.41it/s]					
v 23: 100%		/Amb		7/7 [00:01<00:00	, 5.25it/s] /customized-mwt-ner/cust	tomizod-mut-non to	agon md] (15 61
.villy adapte				score: epoch 23-			gger.mat (13.01
tric	Precision	Recall					
kens	100.00	100.00	100.00	i			
ntences	100.00	100.00	100.00				
rds	100.00	100.00	100.00				
os	92.73	92.73	92.73	92.73			
os	91.11	91.11	91.11	91.11			
eats	91.59	91.59	91.59	91.59			
lTags	86.42	86.42	86.42	86.42			
mmas	0.29	0.29	0.29	0.29			
.s	87.67	87.67	87.67	87.67			
S	72.75	72.75	72.75	72.75			
AS AS	67.47	67.67	67.57	67.67			
EX I	54.52 0.15	54.68 0.15	54.60 0.15	54.68 0.15			
sdep tagger	*********** : Epoch: 24 :t [00:22, 2			7/7 [00:01<00:06	. 5.23it/s]		
sdep tagger ain 24: 54i v 24: 100%	r: Epoch: 24 .t [00:22, 2	2.41it/s]	_parser_dir/	xlm-roberta-base	customized-mwt-ner/cust	tomized-mwt-ner.ta	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100%	r: Epoch: 24 .t [00:22, 2	2.41it/s]	_parser_dir/ dev CoNLLu	xlm-roberta-base		tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte tric	r: Epoch: 24 tt [00:22, 2 er weights to	2.41it/s] o/Amh Best Recall	_parser_dir/ dev CoNLLu F1 Score	xlm-roberta-base score: epoch 24-	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte	r: Epoch: 24 tt [00:22, 22 rr weights to Precision 100.00	2.41it/s] 0/Amh Best Recall 100.00	parser_dir/ dev CoNLLu F1 Score 	xlm-roberta-base score: epoch 24-	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte 	r: Epoch: 24 tt [00:22, 2 er weights to	2.41it/s] o/Amh Best Recall	_parser_dir/ dev CoNLLu F1 Score	xlm-roberta-base score: epoch 24-	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte 	r weights to Precision 100.00 100.00	2.41it/s] b/Amh Best Recall 100.00 100.00	parser_dir/ dev CoNLLu F1 Score 	xlm-roberta-base score: epoch 24-	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte 	Precision 100.00 100.00 100.00	2.41it/s] 2.41it/s] 3/Amh Best Recall 100.00 100.00 100.00	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 100.00	xlm-roberta-base score: epoch 24- AligndAcc + 	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte 	Precision 100.00 100.00 100.00 100.00 93.59	2.41it/s] 2.41it/s] 2.41it/s] 3.60.41it/s 4.60.41it/s 4.60.41it/s 6.60.41it/s parser_dir/ dev CoNLLu F1 Score 100.00 100.00 100.00 93.59	xlm-roberta-base score: epoch 24- AligndAcc + 93.59	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61	
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 100.00 23.59 92.07 92.16 87.48	2.41it/s] 2.41it/s] 3/Amh Best Recall 100.00 100.00 100.00 93.59 92.07 92.16 87.48	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 93.59 92.07 92.16 87.48	xlm-roberta-base score: epoch 24- AligndAcc + 93.59 92.07 92.16 87.48	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29	2.41it/s] 0/Amh Best Recall 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 93.59 92.07 92.16 87.48 0.29	xlm-roberta-base score: epoch 24- AligndAcc +	customized-mwt-ner/cust	comized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte	r weights to recision 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72	2.41it/s] 2.41it/s] 3/Amh Best Recall 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 93.09 92.07 92.16 87.48 0.29 88.72	xlm-roberta-base score: epoch 24- AligndAcc +	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47	2.41it/s] 2.41it/s] 3/Amh Best Recall 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47	xlm-roberta-base score: epoch 24- AligndAcc + 93.59 92.07 92.16 87.48 0.29 88.72 74.47	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93	2.41it/s] 2.41it/s] 2.41it/s] 3Amh Recall 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 69.03	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.98	xlm-roberta-base score: epoch 24- AligndAcc +	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93 57.77	2.41it/s] 2.41it/s] 2.41it/s] 3Amh Recall 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 69.03 57.85	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.98 57.81	xlm-roberta-base score: epoch 24- AligndAcc +	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93	2.41it/s] 2.41it/s] 2.41it/s] 3Amh Recall 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 69.03	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.98 57.81	xlm-roberta-base score: epoch 24- AligndAcc +	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte	r weights to recision 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93 57.77 0.15	2.41it/s] 2.41it/s] 2.41it/s] 3Amh	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.98 57.81	xlm-roberta-base score: epoch 24- AligndAcc +	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte	r weights to recision 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93 57.77 0.15 25.45	2.41it/s] 2.41it/s] 3/Amh Best Recall 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 69.03 57.85 0.15	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.98 57.81	xlm-roberta-base score: epoch 24- AligndAcc +	customized-mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte	r weights to recision 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93 57.77 0.15 100.00	2.41it/s] 2.41it/s] 3/Amh Best Recall 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 69.03 57.85 0.15	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 100.09 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.98 57.81 0.15	xlm-roberta-base score: epoch 24- AligndAcc +	customized mwt-ner/cust	tomized-mwt-ner.ta 	gger.mdl (15.61
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93 57.77 0.15	2.41it/s] 2.41it/s] 2.41it/s] 2.41it/s] 2.42it/s] 2.43it/s]	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 100.09 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.98 57.81 0.15	xlm-roberta-base score: epoch 24- AligndAcc +	/customized-mwt-ner/cust		
sdep tagger ain 24: 54i v 24: 100% ving adapte	r weights to recision 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93 57.77 0.15 100.00	2.41it/s] 2.41it/s] 2.41it/s] 2.41it/s] 2.42it/s] 2.43it/s]	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.98 57.81 0.15	xlm-roberta-base score: epoch 24- AligndAcc +	/customized-mwt-ner/cust		
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93 57.77 0.15 ***********************************	2.41it/s] 2.41it/s] 2.41it/s] 2.41it/s] 2.42it/s] 2.43it/s] 3.48 3.48 3.29 88.72 74.47 69.03 57.85 0.15	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.749 68.98 57.81 0.15	xlm-roberta-base score: epoch 24- AligndAcc +	/customized-mwt-ner/cust		
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93 57.77 0.15	2.41it/s] 2.41it/s] 2.41it/s] 2.41it/s] 2.42it/s] 2.43it/s]	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.98 57.81 0.15	xlm-roberta-base score: epoch 24- AligndAcc +	/customized-mwt-ner/cust		
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93 57.77 0.15 ***********************************	2.41it/s] 2.41it/s] 2.41it/s] 2.41it/s] 2.42it/s] 2.43it/s] 3.48 3.48 3.29 88.72 74.47 69.03 57.85 0.15	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.749 68.98 57.81 0.15	xlm-roberta-base score: epoch 24- AligndAcc +	/customized-mwt-ner/cust		
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93 57.77 0.15 Example 100.22, 22 Precision 100.00 100.00	2.41it/s] 2.41it/s] 2.41it/s] 3/Amh Recall 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 69.03 57.85 0.15	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.98 57.81 0.15 parser_dir/ dev CoNLLu F1 Score 100.00 100.00	xlm-roberta-base score: epoch 24- AligndAcc +	/customized-mwt-ner/cust		
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93 57.77 0.15 ***********************************	2.41it/s] 2.41it/s] 2.41it/s] 3/Amh Recall 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 69.03 57.85 0.15 ****** 2.43it/s] 3/Amh Best Recall 100.00 100.00 100.00 100.00	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.98 57.81 0.15 parser_dir/ dev CoNLLu F1 Score 100.00 100.00 100.00	xlm-roberta-base score: epoch 24- AligndAcc +	/customized-mwt-ner/cust		
sdep tagger ain 24: 54i v 24: 100% ving adapte	Precision 100.00 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.93 57.77 0.15 Example 100.22, 22 Precision 100.00 100.00	2.41it/s] 2.41it/s] 3/Amh	parser_dir/ dev CoNLLu F1 Score 100.00 100.00 100.00 93.59 92.07 92.16 87.48 0.29 88.72 74.47 68.98 57.81 0.15 parser_dir/ dev CoNLLu F1 Score 100.00 100.00	xlm-roberta-base score: epoch 24- AligndAcc +	/customized-mwt-ner/cust		

UFeats	91.40	91.40	91.40	91.40
AllTags Lemmas	85.66 0.29	85.66 0.29	85.66 0.29	85.66 0.29
UAS	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		
********	*****	*****		
	er: Epoch: 26			
	4it [00:22,			
dev 26: 100				7/7 [00:01<00:00, 5.19it/s]
Saving adap	ter weights t		_parser_dir/:	xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
	·			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 CLAS	72.18	72.18	72.18	72.18
MLAS	66.22	67.52 54.98	66.87 54.45	67.52 54.98
BLEX	0.15	0.15		
DLLX	0.10	0.15	0.15	0.13
*****	*****	****		
Posdep tagg	er: Epoch: 27	7		
Train 27: 5	4it [00:22,	2.40it/s]		
dev 27: 100	%			7/7 [00:01<00:00, 5.18it/s]
Saving adap	ter weights t			xlm-roberta-base/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
				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

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]

Recall | F1 Score | AligndAcc Metric Precision

Tokens 100.00 100.00 100.00 100.00 100.00 100.00 Sentences

Words	100.00	100.00	100.00		
UPOS	91.87	91.87	91.87	91.87	
XP0S	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	
	*****	a ala ala ala ala ala			

	er: Epoch: 29 64it [00:22, 2	un:+/-1			
		.431T/S]		7/17 [00:01:400:00	F 25:4/-1
dev 29: 100		/^ /		7/7 [00:01<00:00,	
Saving adap	ter weights to				customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
Metric	Precision	Recall	F1 Score	AligndAcc	
	++-	+	4.00		
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	
*****	*****	****			
	er: Epoch: 30				
Train 30: 5	4it [00:22, 2	2.45it/s]			
dev 30: 100				7/7 [00:01<00:00,	
Saving adap	ter weights to	/Amh_	parser_dir/	klm-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	
distributed at a second		ad about about			
	******	*****			
	er: Epoch: 31				
	4it [00:22, 2	2.361t/s]		/= [00 00	
dev 31: 100				7/7 [00:01<00:00,	
Saving adap	ter weights to				customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 MB)
				score: epoch 31	
Metric	Precision	Recall	F1 Score	AligndAcc	
	+			L	

okens 100.00 100.00 100.00 entences 100.00 100.00 100.00 ords 100.00 100.00 100.00 OS 92.54 92.54 92.54 92.54	
entences 100.00 100.00 100.00	
ords 100.00 100.00 100.00	
0S 91.11 91.11 91.11 91.11	
Feats 91.20 91.20 91.20 91.20	
lTags 85.56 85.56 85.56 85.56	
emmas 0.29 0.29 0.29 NS 89.48 89.48 89.48 89.48	
_AS	
LEA 0.30 0.30 0.30	

sdep tagger: Epoch: 32	
rain 32: 54it [00:22, 2.44it/s]	
v 32: 100% 5.16it/s]	(15 (1)
aving 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 32	
etric Precision Recall F1 Score AligndAcc	
entences 100.00 100.00 100.00	
ords 100.00 100.00 100.00	
POS 92.16 92.16 92.16 92.16	
OS 90.44 90.44 90.44 90.44	
eats 91.01 91.01 91.01 91.01	
lTags 85.18 85.18 85.18 85.18	
enmas 0.29 0.29 0.29 0.29	
NS 90.06 90.06 90.06 90.06	
AS 75.05 75.05 75.05 75.05	
AS 75.05 7	
EX 0.15 0.15 0.15 0.15	

osdep tagger: Epoch: 33	
rain 33: 54it [00:22, 2.41it/s]	
ev 33: 100%	
etric Precision Recall F1 Score AligndAcc	
okens 100.00 100.00 100.00	
entences 100.00 100.00 100.00	
ords 100.00 100.00 100.00	
0S 92.64 92.64 92.64 92.64	
90.92 90.92 90.92 90.92	
POS 90.92 90.92 90.92 90.92 Feats 91.20 91.20 91.20 91.20	
POS 90.92 90.92 90.92 90.92 Feats 91.20 91.20 91.20 91.20 LLTags 85.37 85.37 85.37 85.37	
POS 90.92 90.92 90.92 90.92 Teats 91.20 91.20 91.20 91.20 POS 85.37 85.37 85.37 85.37 POS 85.37 85.37 85.37 POS 85.37 85.37 85.37 POS 90.92 90.92 90.29	
POS 90.92 90.92 90.92 90.92 Feats 91.20 91.20 91.20 91.20 LLTags 85.37 85.37 85.37 85.37 emmas 0.29 0.29 0.29 0.29 AS 88.34 88.34 88.34 88.34	
90.92 90.92 90.92 90.92 Feats 91.20 91.20 91.20 LLTags 85.37 85.37 85.37 emmas 0.29 0.29 0.29 AS 88.34 88.34 88.34 AS 73.33 73.33 73.33	
90.92 90.92 90.92 90.92 Feats 91.20 91.20 91.20 LLTags 85.37 85.37 85.37 emmas 0.29 0.29 0.29 AS 88.34 88.34 88.34 AS 73.33 73.33 73.33 AS 66.37 66.47 66.42 66.47	
90.92 90.92 90.92 90.92 Feats 91.20 91.20 91.20 LLTags 85.37 85.37 85.37 emmas 0.29 0.29 0.29 AS 88.34 88.34 88.34 AS 73.33 73.33 73.33	

Posdep tagger: Epoch: 34 Train 34: 54it [00:22, 2.40it/s]

| 7/7 [00:01<00:00, 5.23it/s] --- Best dev CoNLLu score: epoch 32------Recall | F1 Score | AligndAcc dev 34: 100% | Precision | Metric

T-1	100.00	100.00	100.00	+		
Tokens	100.00	100.00	100.00			
Sentences	100.00	100.00	100.00	}		
Words	100.00	100.00	100.00	01 07		
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 tagg	er: Epoch: 35	5				
	4it [00:22,					
dev 35: 1009				7/7 [00:01<00:00.	5.21it/s]	
		Rest		score: epoch 32		
Metric	Precision	Recall		AligndAcc		
	FIECISION	necatt		+		
Tokens	100 00	100.00	100.00			
	100.00		:			
Sentences	100.00	100.00	100.00			
Words	100.00	100.00	100.00	00.06		
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		
*****	******	*****				
	er: Epoch: 36					
	4it [00:23,					
dev 36: 1009		2.331(/5]		7/7 [00:01<00:00,	4.52it/s]	
	°1	Post	dov CoNLL	score: epoch 32	4.3211/5]	
Motnie	Drocision					
Metric	Precision	Recall	FI Score	AligndAcc		
T-1	100.00	100.00	100.00	+		
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		
	0.10	0.10	0.10	0.10		
****	******	*****				
	er: Epoch: 37					
	4it [00:22,					
dev 37: 1009		2.391(/5]		7/7 [00:01<00:00.	5.18it/s]	
dev 37: 100	6 I	D '			3.101T/S]	
Metric	l D			score: epoch 32-		
	Precision	Recall	FI Score	AligndAcc		

Tokens	100.00	100.00	100.00	1		
Sentences	100.00	100.00	100.00	i		
Words	100.00	100.00	100.00	i		
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		
CLAS			74.09	67.67		
	67.27 56.16	67.67 56.50	67.47	56.50		
MLAS	0.30	0.30	56.33			
BLEX	0.30	0.30	0.30	0.30		
*****	*****	****				
Posdep tagg	er: Epoch: 38	3				
	4it [00:22,					
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			
BLEX	0.30	0.30	0.30	0.30		
ale ale ale ale ale ale ale ale ale ale	*****	L de de de de de de				
	er: Epoch: 39					
	4it [00:22,					
dev 39: 100		Z.301t/3]		7/7 [00:01<00:00	5.18it/sl	
	~ 	Best		score: epoch 32-		
Metric	Precision	Recall		AligndAcc		
	+	+	+	+		
Tokens	100.00	100.00	100.00	1		
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		
	0.10	0.10	0.15	0.10		
*****	*****	****				
Posdep tagg	er: Epoch: 40	9				
Train 40: 5	4it [00:22,	2.36it/s]				

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 L00:01<00:00,	4.53it/s
		Best de	v CoNLLu s	core: 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-----

HECTIC	160121011	, Recatt	LI 2016	HEIGHUACE
Tokens	100.00	100.00	100.00	
Sentences	100.00	100.00	100.00	ĺ
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
BLFX	0.15	0.15	0.15	0.15

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

| 7/7 [00:01<00:00, 4.27it/s] dev 43: 100% Best dev CoNLLu score: epoch 32-----

Precision Recall | F1 Score | AligndAcc Metric

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]

		Best	dev CoNLLu	score: epoch
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	i
Sentences	100.00	100.00	100.00	1
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%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%| | 100%|

		Best	dev CoNLLu	score: epoch	46
Metric	Precision			AligndAcc	
Tokens	100.00	100.00	100.00	i	
Sentences	100.00	100.00	100.00	İ	
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 AllTags	91.40 85.66	91.40 85.66	91.40 85.66	91.40 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 tagge					
Train 47: 54 dev 47: 100%		2.321t/S]		7/7 [00:01<0	0:00, 5.09it/s]
	41	Best		score: epoch	
Metric	Precision	Recall		AligndAcc	
Tokens	100.00	100.00	100.00	+ 	
Sentences	100.00	100.00	100.00	i	
Words	100.00	100.00	100.00	İ	
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 0.29	86.04	86.04 0.29	
Lemmas UAS	0.29 89.10	89.10	0.29 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 tagge	er: Epoch: 48	3			
	lit [00:23,	2.26it/s]			
dev 48: 100%	6				0:00, 5.10it/s]
Metric	Precision			score: epoch AligndAcc	46
		Recatt		+	
Tokens	100.00	100.00	100.00		
Sentences	100.00	100.00	100.00		
Words	100.00	100.00	100.00	02 (15	
UPOS XPOS	92.45 90.82	92.45 90.82	92.45 90.82	92.45	
NPUS	91.68	90.82	90.82	90.82	
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 BLEX	56.86 0.30	56.95 0.30	56.91 0.30	56.95 0.30	
			0.50	0.50	

Posdep tagge					
Tasia 40. Eu					
Train 49: 54	. 	2.331t/s]		7/7 [00:01<0	0.00 5 13i+/sl
Train 49: 54 dev 49: 100%	. 			7/7 [00:01<00 score: epoch	

	++·	+-	+	
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 s	score: epoch
Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	i
Sentences	100.00	100.00	100.00	İ
Words	100.00	100.00	100.00	İ
UP0S	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	i
Words	100.00	100.00	100.00	i
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]

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

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	İ	
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 s	score: epoch
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]

Train 54. 5	41 <u>C [00.23,</u>	2.2011/5]				
dev 54: 1009	%			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		
RIFY	i 6.15 i	ด 15	n 15	i e 15		

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

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

				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	92.35	92.35	92.35	92.35	
XPOS	90.92	90.92	90.92	90.92	
UFeats	92.16	92.16	92.16	92.16	
AllTags	86.14	86.14	86.14	86.14	
Lemmas	0.29	0.29	0.29	0.29	
UAS	88.05	88.05	88.05	88.05	
LAS	73.71	73.71	73.71	73.71	
CLAS	67.12	67.22	67.17	67.22	
MLAS	57.32	57.40	57.36	57.40	
BLEX	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 56 Train 56: 54it [00:23, 2.26it/s]

dev 56: 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)

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	86.52	86.52	86.52	86.52
Lemmas	0.29	0.29	0.29	0.29
UAS	89.20	89.20	89.20	89.20
LAS	74.86	74.86	74.86	74.86
CLAS	69.02	69.34	69.18	69.34
MLAS	58.50	58.76	58.63	58.76
BLEX	0.30	0.30	0.30	0.30

Posdep tagger: Epoch: 57

Train 57: 54it [00:23, 2.29it/s]

dev 57: 100%

| 7/7 [00:01<00:00, 5.07it/s] -- Best dev CoNLLu score: epoch 56-----

Metric	Precision	Recall	F1 Score	AligndAcc
Tokens	100.00	100.00	100.00	i
Sentences	100.00	100.00	100.00	
Words	100.00	100.00	100.00	
UPOS	92.26	92.26	92.26	92.26
XPOS	90.82	90.82	90.82	90.82
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	89.39	89.39	89.39	89.39
LAS	74.57	74.57	74.57	74.57
CLAS	68.42	68.73	68.58	68.73
MLAS	56.84	57.10	56.97	57.10
BLEX	0.30	0.30	0.30	0.30

Posdep tagger: Epoch: 58 Train 58: 54it [00:24, 2.22it/s]

dev 58: 1009	%			7/7 [00:01<00		01it/s]	
				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	i			
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			

	er: Epoch: 5						
	4it [00:23,						
dev 59: 1009		_,		7/7 [00:01<00	:00, 4	98it/s]	
	<u> </u>	Best		score: epoch			
Metric	Precision	Recall		AligndAcc			
	+	+	+	+			
Tokens	100.00	100.00	100.00	!			
Sentences	100.00	100.00	100.00	!			
Words	100.00	100.00	100.00	01.70			
UPOS	91.78	91.78	91.78	91.78			
XPOS	90.25	90.25	90.25	90.25			
UFeats AllTags	90.82 85.18	90.82 85.18	90.82 85.18	90.82 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			

	er: Epoch: 6						
dev 60: 1009	4it [00:23,	2.271t/s]		7/7 [00:01<00		55i+/cl	
	· · · · · · · · · · · · · · · · · · ·	Best		score: epoch			
Metric	Precision						
	+		+	÷			
Tokens	100.00	100.00	100.00				
Sentences	100.00	100.00	100.00				
Words	100.00	100.00	100.00	00 50			
UPOS	92.73	92.73	92.73	92.73			
XPOS	90.82	90.82	90.82	90.82			
UFeats	91.59	91.59 86.04	91.59	91.59			
AllTags Lemmas	86.04 0.29	0.29	86.04 0.29	86.04 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			
*****	*****	*****					
Doedon ton	F 6	1					

Posdep tagger: Epoch: 61 Train 61: 54it [00:24, 2.25it/s] dev 61: 100%|

| 7/7 [00:01<00:00, 4.94it/s]

Metric	Precision	Best Recall		score: epoch AligndAcc
	+	+	+	
Tokens	100.00	100.00	100.00	ļ
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	91.59	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	89.01	89.01	89.01	89.01
LAS	74.76	74.76	74.76	74.76
CLAS	69.15	68.73	68.94	68.73
MLAS	56.53	56.19	56.36	56.19
BLEX	0.15	0.15	0.15	0.15

Posdep tagger: Epoch: 62 Train 62: 54it [00:24, 2.23it/s] dev 62: 100%| | 7/7 [00:01<00:00, 5.05it/s]

		Best	dev CoNLLu	score: epoch	56
Metric	Precision	Recall	F1 Score	AligndAcc	
	+			·+	
Tokens	100.00	100.00	100.00	1	
Sentences	100.00	100.00	100.00		
Words	100.00	100.00	100.00	1	
UPOS	92.64	92.64	92.64	92.64	
XPOS	91.01	91.01	91.01	91.01	
UFeats	91.78	91.78	91.78	91.78	
AllTags	86.42	86.42	86.42	86.42	
Lemmas	0.29	0.29	0.29	0.29	
UAS	88.53	88.53	88.53	88.53	
LAS	73.90	73.90	73.90	73.90	
CLAS	68.13	67.82	67.98	67.82	
MLAS	56.75	56.50	56.62	56.50	
BLEX	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 63 Train 63: 54it [00:24, 2.17it/s]

11411 05. 0	. <u> </u>	2.1,10,5			
dev 63: 100)%			7/7 [00:01<00:00,	
		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	i	
Words	100.00	100.00	100.00	i	
UPOS	92.54	92.54	92.54	92.54	
XPOS	90.63	90.63	90.63	90.63	
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	89.29	89.29	89.29	89.29	
LAS	74.57	74.57	74.57	74.57	
CLAS	68.92	69.34	69.13	69.34	
MLAS	56.31	56.65	56.48	56.65	
BLEX	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 64 Train 64: 54it [00:24, 2.24it/s] dev 64: 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	1	
Sentences	100.00	100.00	100.00	İ	
Words	100.00	100.00	100.00	İ	
UPOS	92.93	92.93	92.93	92.93	
XPOS	91.01	91.01	91.01	91.01	
UFeats	91.40	91.40	91.40	91.40	
AllTags	85.95	85.95	85.95	85.95	
Lemmas	0.29	0.29	0.29	0.29	
UAS	88.81	88.81	88.81	88.81	
LAS	74.00	74.00	74.00	74.00	
CLAS	68.07	68.58	68.32	68.58	
MLAS	56.22	56.65	56.43	56.65	
BLEX	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 65 Train 65: 54it [00:24, 2.21it/s]

dev 65: 100% | 7/7 [00:01<00:00, 5.06it/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	j	
Words	100.00	100.00	100.00	j	
UPOS	92.83	92.83	92.83	92.83	
XPOS	90.63	90.63	90.63	90.63	
UFeats	91.01	91.01	91.01	91.01	
AllTags	85.47	85.47	85.47	85.47	
Lemmas	0.29	0.29	0.29	0.29	
UAS	90.82	90.82	90.82	90.82	
LAS	75.72	75.72	75.72	75.72	
CLAS	69.52	69.94	69.73	69.94	
MLAS	57.96	58.31	58.13	58.31	
BLEX	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 66 Train 66: 54it [00:24. 2.16it/s]

ITATII 00. 3	74IC [00.24,	2.101(/5]				
dev 66: 100	0%			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	92.45	92.45	92.45	92.45		
XPOS	91.01	91.01	91.01	91.01		
UFeats	91.49	91.49	91.49	91.49		
AllTags	85.85	85.85	85.85	85.85		
Lemmas	0.29	0.29	0.29	0.29		
UAS	89.20	89.20	89.20	89.20		
LAS	74.47	74.47	74.47	74.47		
CLAS	68.89	68.58	68.74	68.58		
MLAS	56.75	56.50	56.62	56.50		
DLEV	0 15 1	0.15	0.15	0 15		

Posdep tagger: Epoch: 67 Train 67: 54it [00:24, 2.24it/s] dev 67: 100%| 7/7 [00:01<00:00, 4.74it/s]

Metric	 Precision	Best Recall	dev CoNLLu s F1 Score	score: epoch AliandAcc
	+	+		+
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	91.87	91.87	91.87	91.87
AllTags	86.14	86.14	86.14	86.14
Lemmas	0.29	0.29	0.29	0.29
UAS	89.67	89.67	89.67	89.67
LAS	74.57	74.57	74.57	74.57
CLAS	68.98	69.18	69.08	69.18
MLAS	57.53	57.70	57.62	57.70
BLEX	0.15	0.15	0.15	0.15

Posdep tagger: Epoch: 68 Train 68: 54it [00:24, 2.19it/s] dev 68: 100%| | 7/7 [00:01<00:00, 5.02it/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	j	
Words	100.00	100.00	100.00	İ	
UPOS	92.54	92.54	92.54	92.54	
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	89.96	89.96	89.96	89.96	
LAS	75.05	75.05	75.05	75.05	
CLAS	69.08	69.18	69.13	69.18	
MLAS	57.47	57.55	57.51	57.55	
BLEX	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 69 Train 69: 54it [00:23, 2.30it/s]

dev 69: 100	. <u> </u>	2.3020,53		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	ĺ		
Words	100.00	100.00	100.00	ĺ		
UPOS	92.45	92.45	92.45	92.45		
XPOS	90.73	90.73	90.73	90.73		
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	90.06	90.06	90.06	90.06		
LAS	75.33	75.33	75.33	75.33		
CLAS	69.18	69.18	69.18	69.18		
MLAS	57.85	57.85	57.85	57.85		
BLEX	0.15	0.15	0.15	0.15		

Posdep tagger: Epoch: 70 Train 70: 54it [00:24, 2.22it/s] dev 70: 100%| | 7/7 [00:01<00:00, 5.00it/s]

Metric	Precision	Best Recall		score: epoch AligndAcc
Tokens	+ 100.00	100.00	100.00	+
Sentences	100.00	100.00	100.00	i
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	İ	
Words	100.00	100.00	100.00	İ	
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]

1101111 /2: 0	. <u> </u>	2.2310/33			
dev 72: 100	1%			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	İ	
Words	100.00	100.00	100.00	İ	
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]

				score: epoch 5	66
1etric 	Precision	Recall 	F1 Score +	Alignaacc +	
Tokens	100.00	100.00	100.00	i	
Sentences	100.00	100.00	100.00	i	
Words	100.00	100.00	100.00	i	
JP0S	92.54	92.54	92.54	92.54	
XP0S	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	
_emmas	0.29	0.29	0.29	0.29	
JAS	89.67	89.67	89.67	89.67	
_AS	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 tagg	er: Epoch: 74	1			
	4it [00:23,				
dev 74: 100				7/7 [00:01<00:	00, 4.51it/s]
Saving adap	ter weights t	to/Amh			.se/customized-mwt-ner/customized-mwt-ner.tagger.mdl (15.61 N
		Best	dev CoNLLu	score: epoch '	74
Metric	Precision	Recall	F1 Score	AligndAcc	
Tokens	100.00	100.00	100.00	i	
Sentences	100.00	100.00	100.00	i	
Vords	100.00	100.00	100.00	i	
JPOS	92.54	92.54	92.54	92.54	
XP0S	91.01	91.01	91.01	91.01	
JFeats	91.40	91.40	91.40	91.40	
AllTags	85.85	85.85	85.85	85.85	
_emmas	0.29	0.29	0.29	0.29	
JAS	90.34	90.34	90.34	90.34	
_AS	75.81	75.81	75.81	75.81	
CLAS	69.34	69.34	69.34	69.34	
1LAS	58.61	58.61	58.61	58.61	
BLEX	0.15	0.15	0.15	0.15	
****	*****	****			
	er: Epoch: 75				
	4it [00:24,				
dev 75: 100		2.221(/3]		7/7 [00.01<00	00, 4.98it/s]
		Best		score: epoch '	
Metric	Precision	Recall		AligndAcc	
 Tokens	100.00	+ 100.00	+ 100.00	+ 	
okens Sentences	100.00	100.00	100.00		
sentences Vords			100.00		
voras JPOS	100.00	100.00		02 54	
	92.54	92.54	92.54	92.54	
(POS	90.92	90.92 91.26	90.92	90.92	
HERAT S	9 70	9 70	9 70	9 1 70	

UFeats

AllTags Lemmas

UAS

LAS

CLAS

MLAS

BLEX

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

91.20

85.66

0.29

89.96

74.67

67.87

56.41

0.15

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

91.20

85.66

0.29

89.96

74.67

67.92

56.45

0.15

91.20

85.66

0.29

89.96

74.67 67.98 56.50 0.15

91.20

85.66

0.29

89.96

74.67

67.98

56.50

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 91.20 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 89.67 89.67 89.67 89.67 LAS 75.14 75.14 75.14 75.14				dev CoNLLu s	
Sentences 100.00 100.00 100.00 100.00 Words 100.00 100.00 100.00 100.00 100.00 UPOS 92.64 92.64 92.64 92.64 92.64 92.64 Yes.64 <td< td=""><td>Metric</td><td>Precision</td><td>Recall</td><td>F1 Score</td><td>AligndAcc</td></td<>	Metric	Precision	Recall	F1 Score	AligndAcc
Sentences 100.00 100.00 100.00 100.00 Words 100.00 100.00 100.00 100.00 UPOS 92.64 92.64 92.64 92.64 XPOS 90.92 90.92 90.92 90.92 UFeats 91.20 91.20 91.20 91.20 AllTags 85.66 85.66 85.66 85.66 85.66 Lemmas 0.29 0.29 0.29 0.29 UAS 89.67 89.67 89.67 89.67 LAS 75.14 75.14 75.14 75.14		+	+	+	+
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 91.20 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 89.67 89.67 89.67 89.67 LAS 75.14 75.14 75.14 75.14	Tokens	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 91.20 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 89.67 89.67 89.67 89.67 LAS 75.14 75.14 75.14 75.14	Sentences	100.00	100.00	100.00	
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 85.66 Lemmas 0.29 0.29 0.29 0.29 UAS 89.67 89.67 89.67 89.67 LAS 75.14 75.14 75.14 75.14	Words	100.00	100.00	100.00	
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 89.67 89.67 89.67 89.67 LAS 75.14 75.14 75.14 75.14	UPOS	92.64	92.64	92.64	92.64
AllTags 85.66 85.66 85.66 85.66 Lemmas 0.29	XPOS	90.92	90.92	90.92	90.92
Lemmas 0.29 0.29 0.29 0.29 UAS 89.67 89.67 89.67 89.67 LAS 75.14 75.14 75.14 75.14	UFeats	91.20	91.20	91.20	91.20
UAS 89.67	AllTags	85.66	85.66	85.66	85.66
LAS 75.14 75.14 75.14 75.14	Lemmas	0.29	0.29	0.29	0.29
	UAS	89.67	89.67	89.67	89.67
CLAS 68.84 68.73 68.78 68.73	LAS	75.14	75.14	75.14	75.14
	CLAS	68.84	68.73	68.78	68.73
MLAS 57.79 57.70 57.75 57.70	MLAS	57.79	57.70	57.75	57.70
BLEX 0.15 0.15 0.15 0.15	BLEX	0.15	0.15	0.15	0.15

Posdep tagger: Epoch: 77 Train 77: 54it [00:25, 2.10it/s] dev 77: 100% | 7/7 [00:01<00:00, 4.87it/s]

		Best	dev CoNLLu s	score: epoch
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	91.11	91.11	91.11	91.11
AllTags	85.95	85.95	85.95	85.95
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	68.98	69.18	69.08	69.18
MLAS	57.68	57.85	57.77	57.85
BLEX	0.15	0.15	0.15	0.15

Posdep tagger: Epoch: 78

	11t [00:24,	2.201t/s]		7/7 [00.01.00.00	// OF:+/-1	
dev 78: 1009	6	Post		7/7 [00:01<00:00, score: epoch 74		
Metric	Precision			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	91.20	91.20	91.20	91.20		
AllTags	85.85	85.85	85.85	85.85		
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	68.83	69.03	68.93	69.03		
MLAS	57.98	58.16	58.07	58.16		
BLEX	0.15	0.15	0.15	0.15		

Posdep tagger: Epoch: 79 Train 79: 54it [00:24, 2.21it/s] dev 79: 100%| | 7/7 [00:01<00:00, 4.95it/s]

M 1 *		חכשנ	dev Conttu s	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	92.45	92.45	92.45	92.45	
XPOS	90.82	90.82	90.82	90.82	
UFeats	90.82	90.82	90.82	90.82	
AllTags	85.28	85.28	85.28	85.28	
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	69.58	69.79	69.68	69.79	
MLAS	57.68	57.85	57.77	57.85	
BLEX	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 80 Train 80: 54it [00:24, 2.22it/s] dev 80: 100%| | 7/7 [00:01<00:00, 4.98it/s]

		Best	dev CoNLLu	'/4	
Metric	Precision	Recall	F1 Score	AligndAcc	
Tokens	100.00	100.00	100.00	+ 	
Sentences	100.00	100.00	100.00	i	
Words	100.00	100.00	100.00	i	
UPOS	92.64	92.64	92.64	92.64	
XPOS	90.92	90.92	90.92	90.92	
UFeats	91.20	91.20	91.20	91.20	
AllTags	85.76	85.76	85.76	85.76	
Lemmas	0.29	0.29	0.29	0.29	
UAS	89.77	89.77	89.77	89.77	
LAS	75.43	75.43	75.43	75.43	
CLAS	69.23	69.34	69.28	69.34	
MLAS	57.62	57.70	57.66	57.70	
BLEX	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 81 Train 81: 54it [00:23, 2.26it/s]

dev 81: 100	%			7/7 [00:01<00:00	, 4.65it/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	j		
Words	100.00	100.00	100.00	İ		
UPOS	93.02	93.02	93.02	93.02		
XPOS	91.30	91.30	91.30	91.30		
UFeats	91.11	91.11	91.11	91.11		
AllTags	85.95	85.95	85.95	85.95		
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	69.03	69.03	69.03	69.03		
MLAS	58.31	58.31	58.31	58.31		
BLEX	0.15	0.15	0.15	0.15		

Posdep tagger: Epoch: 82 Train 82: 54it [00:23, 2.29it/s]

dev 82: 100%| | 7/7 [00:01<00:00, 4.99it/s]

 Metric	 Precision	Best Recall	dev CoNLLu : F1 Score	
	+			+
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

	er: Epoch: 83			
	4it [00:24,	2.201t/s]		7/5 500 01-00
dev 83: 1009		//		7/7 [00:01<00
Saving adapt	te <mark>r weights t</mark>			
Metric	 Precision	Best Recall		score: epoch AligndAcc
Metric	Precision	Recall	FI Score	ALIGNOACC
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	89.96 75.81			89.96 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
ale ale ale ale ale ale ale ale ale ale	de ale ale ale ale ale ale ale ale ale al	le ale ale ale ale ale		

	er: Epoch: 84			
	4it [00:25,	2.151T/S]		7/7 [00:01-00
dev 84: 1009	6	D		7/7 [00:01<00
Motnic	Drocicion		dev Conllu s	score: epoch 8

	uev 04. 100	٥			/// L00.01 \00.00,	4.001C/3]	
			Best	dev CoNLLu	score: epoch 83		
	Metric	Precision	Recall	F1 Score	AligndAcc		
		+	⊦ -	+	+		
ı	Tokens	100.00	100.00	100.00			
	Sentences	100.00	100.00	100.00	l		
	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		
ı	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	l .	
Sentences	100.00	100.00	100.00	İ	
Words	100.00	100.00	100.00	İ	
UPOS	93.12	93.12	93.12	93.12	
XPOS	91.49	91.49	91.49	91.49	
UFeats	91.20	91.20	91.20	91.20	
AllTags	86.14	86.14	86.14	86.14	
Lemmas	0.29	0.29	0.29	0.29	
UAS	89.01	89.01	89.01	89.01	
LAS	75.14	75.14	75.14	75.14	
CLAS	69.28	69.49	69.38	69.49	
MLAS	58.28	58.46	58.37	58.46	
BLEX	0.15	0.15	0.15	0.15	
DLEA	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 86 Train 86: 54it [00:24, 2.22it/s] dev 86: 100%| | 7/7 [00:01<00:00, 5.01it/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	1	
Words	100.00	100.00	100.00	1	
UPOS	92.73	92.73	92.73	92.73	
XPOS	91.11	91.11	91.11	91.11	
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	89.01	89.01	89.01	89.01	
LAS	75.33	75.33	75.33	75.33	
CLAS	69.47	69.79	69.63	69.79	
MLAS	58.50	58.76	58.63	58.76	
BLEX	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 87 Train 87: 54it [00:25, 2.13it/s]

dev 87: 100	%			7/7 [00:01<00:00	, 4.91it/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	j		
Words	100.00	100.00	100.00	İ		
UPOS	93.02	93.02	93.02	93.02		
XPOS	91.40	91.40	91.40	91.40		
UFeats	91.40	91.40	91.40	91.40		
AllTags	86.14	86.14	86.14	86.14		
Lemmas	0.29	0.29	0.29	0.29		
UAS	89.48	89.48	89.48	89.48		
LAS	75.24	75.24	75.24	75.24		
CLAS	69.17	69.49	69.33	69.49		
MLAS	58.20	58.46	58.33	58.46		
BLEX	0.15	0.15	0.15	0.15		

Posdep tagger: Epoch: 88 Train 88: 54<u>it [00:25, 2.12it/s]</u> dev 88: 100%|

7/7 [00:01<00:00, 4.96it/s]

M - +			dev CoNLLu :	
Metric	Precision +	Recall	F1 Score	AligndAcc +
Tokens	100.00	100.00	100.00	j
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	85.95	85.95	85.95	85.95
Lemmas	0.29	0.29	0.29	0.29
UAS	89.29	89.29	89.29	89.29
LAS	74.86	74.86	74.86	74.86
CLAS	68.72	69.03	68.88	69.03
MLAS	58.35	58.61	58.48	58.61
BLEX	0.15	0.15	0.15	0.15

Posdep tagger: Epoch: 89
Train 89: 54it [00:26, 2.05it/s]
dev 89: 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	i	
UPOS	93.12	93.12	93.12	93.12	
XPOS	91.59	91.59	91.59	91.59	
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	89.29	89.29	89.29	89.29	
LAS	75.14	75.14	75.14	75.14	
CLAS	69.17	69.49	69.33	69.49	
MLAS	58.50	58.76	58.63	58.76	
BLEX	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 90 Train 90: 54it [00:24, 2.23it/s]

ITATII 90. J	41 <u>C [00.24,</u>	2.2311/3]			
dev 90: 1009	8			7/7 [00:01<00:0	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	92.83	92.83	92.83	92.83	
XPOS	91.30	91.30	91.30	91.30	
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	89.39	89.39	89.39	89.39	
LAS	75.24	75.24	75.24	75.24	
CLAS	68.83	69.03	68.93	69.03	

59.13

0.15

59.21

0.15

MLAS

BLEX

Posdep tagger: Epoch: 91 Train 91: 54it [00:23, 2.27it/s]

59.04

0.15

| 7/7 [00:01<00:00, 4.17it/s] dev 91: 100%|

59.21

Metric	Precision	Best Recall		score: epoch AligndAcc
	+ 100.00	100.00	+	+ !
Tokens		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]

1101111 22. 0	. <u> </u>	2.2320/33			
dev 93: 100	%			7/7 [00:01<00:00,	
		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	i	
Words	100.00	100.00	100.00	i	
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%|

		Best	dev CoNLLu	score: epoch
Metric	Precision	Recall	F1 Score	AligndAcc
	+	+	+	· +
Tokens	100.00	100.00	100.00	I
Sentences	100.00	100.00	100.00	i
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	89.58	89.58	89.58	89.58
LAS	75.43	75.43	75.43	75.43
CLAS	69.23	69.34	69.28	69.34
MLAS	58.82	58.91	58.87	58.91
BLEX	0.15	0.15	0.15	0.15

Posdep tagger: Epoch: 95 Train 95: 54it [00:24, 2.23it/s] dev 95: 100%| | 7/7 [00:01<00:00, 4.95it/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	i	
Words	100.00	100.00	100.00	İ	
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	89.29	89.29	89.29	89.29	
LAS	75.05	75.05	75.05	75.05	
CLAS	68.83	69.03	68.93	69.03	
MLAS	58.58	58.76	58.67	58.76	
BLEX	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 96 Train 96: 54it [00:24, 2.22it/s]

dev 96: 1009	6	2.2210/33		7/7 [00:01<00:00, 5.01it/s] ev CoNLLu score: epoch 83 F1 Score AligndAcc	
		Best	dev CoNLLu	score: epoch 83	 -
Metric	Precision	Recall	F1 Score	AligndAcc	
Tokens	100.00	100.00	100 00	+ 	
Sentences	100.00	100.00		i	
Words	100.00	100.00	100.00	j	
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	75.33	75.33	75.33	75.33	
CLAS	69.13	69.34	69.23	69.34	
MLAS	59.19	59.37	59.28	59.37	
BLEX	0.15	0.15	0.15	0.15	

Posdep tagger: Epoch: 97 Train 97: 54it [00:24, 2.22it/s] dev 97: 100%| 7/7 [00:01<00:00, 4.51it/s]

Metric	Precision	Best Recall	dev CoNLLu F1 Score	score: epoch AligndAcc
Tokens	++ 100.00	100.00	+ 100.00	+
Sentences	100.00	100.00	100.00	İ
Words	100.00	100.00	100.00	İ
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		AligndAcc	
	+		!	+	
Tokens	100.00	100.00	100.00		
Sentences	100.00	100.00	100.00		
Words	100.00	100.00	100.00	1	
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	<u> </u>	
				!	
Words	100.00	100.00	100.00	ļ	
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	

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