

Eric Martin

PA4

## RESULTS

Epoch 10 out of 10

Average Train Loss: 0.027853901981319668

**Evaluating on dev set**

**- dev UAS: 88.45**

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TESTING

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Restoring the best model weights found on the dev set

**Final evaluation on test set**

**- test UAS: 88.71**

Done!

*I did a little messing around with hyperparameters but didn't come up with anything of significant improvement so I didn't include it.*

### 1.1 Analyzing Parse Errors

i. "I disembarked and was heading to a wedding fearing my death."

**Error type:** Modifier Attachment Error

**Incorrect dependency:** wedding → fearing

"fearing my death" is incorrectly attached to "wedding."

**Correct dependency:** I → fearing

It should be attached to "I was heading," to show that the speaker was fearing their death while heading to the wedding.

ii. "It makes me want to rush out and rescue people from dilemmas of their own making."

**Error type:** Coordination Attachment Error

**Incorrect dependency:** rush → rescue

I think "to rush out" and "rescue people" shouldn't be coordinated

**Correct dependency:** want → rescue

"to rush out" and "to rescue people" should both be coordinated to "want," to show the person wants to perform both actions.

iii. "It is on loan from a guy named Joe O'Neill in Midland, Texas."

**Error type:** Prepositional Phrase Attachment Error

**Incorrect dependency:** loan → from

"from a guy named Joe O'Neill" is attached to "loan."

**Correct dependency:** is → from

"from a guy named Joe O'Neill" should be attached to "is," showing the source of the loan is Joe

iv. "Brian has been one of the most crucial elements to the success of Mozilla software."

**Error type:** Verb Phrase Attachment Error

**Incorrect dependency:** one → of

"of the most crucial elements" is attached to "one."

**Correct dependency:** has been → one

Not really sure on this one.