Programming Assignment 5

Jason Stock

Model Results

The default parameters specified in `run.py` provided sufficient results on the full dataset. Specifically, we use a `batch_size=1024,` `n_epochs=10,` and `lr=0.0005.` The UAS achieved on the dev and test set are as follows:

- **dev** UAS: 88.34
- **test** UAS: 88.71

Analyzing Parse Errors

1.
   - **Error Type:** Verb Phrase Attachment Error
   - **Incorrect dependency:** wedding → fearing
   - **Correct dependency:** heading → fearing

2.
   - **Error Type:** Coordination Attachment Error
   - **Incorrect dependency:** makes → rescue
   - **Correct dependency:** rush → rescue

3.
   - **Error Type:** Prepositional Phrase Attachment Error
   - **Incorrect dependency:** named → Midland
   - **Correct dependency:** guy → Midland

4.
   - **Error Type:** Modifier Attachment Error
   - **Incorrect dependency:** elements → most
   - **Correct dependency:** crucial → most