NLP – HW2

Ido Shapira Yoav Rabinovich  
319021044 208275735

1a)

1b)

1d)

Perplexity = 113.313

2a)

2b)

A diagram of mathematical equations

Description automatically generated with low confidence

3a)

We think that character-based models will have better understanding of gentle differences between words and sentences. This will contribute to the persistence of “small window” elements of the language prediction like grammar. On the other hand, using character-based models with compared to word-based models will achieve less expressive results and won’t be able to understand semantic meaning as good as word-based models duo to the small granularity which emphasize gentle differences and not “big picture” ideas of sentences.