NLU course project

Gianluigi Vazzoler (257846)

University of Trento

gianluigi.vazzoler@studenti.unitn.it

Dear students,
here you can find a complete description of the sections that you need to write for the mini-report. You have to write a mini-report of **max 1 page (references, tables and images are excluded from the count)** for each last exercise of labs 4 (LM) and 5 (NLU). **Reports longer than 1 page will not be checked.** The purpose of this is to give you a way to report cleanly the results and give you space to describe what you have done and/or the originality that you have added to the exercise.
If you did part A only, you have to just report the results in a table with a small description.

1. Introduction (approx. 100 words)

- *a summary of what you have done*

2. Implementation details (max approx. 200-300 words)

Do not explain the backbone deep neural network (e.g. RNN or BERT). Instead, focus on what you did on top of it. **Add references if you take inspiration from the code of others** As shown in previous studies [1], Hidden Markov Models...

3. Results

Add tables and explain how you evaluated your model. Tables and images of plots or confusion matrices do not count in the page limit.

4. References

[1] L. R. Rabiner, "A tutorial on hidden Markov models and selected applications in speech recognition," *Proceedings of the IEEE*, vol. 77, no. 2, pp. 257–286, Feb. 1989.