

Word prediction performance of n-gram
models applied to essentially different corpora

GROUP 34

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Abstract

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NOTE

- The following sections are arranged in the order they would appear in a scientific paper. We think that these sections need to be there and written. However, these are only guidelines and if you think that some of these sections or subsections are irrelevant to you, please feel free to remove them. Similarly, if you want to include more sections or subsections please go ahead. Also feel free to rearrange them according to your convenience, but keeping some common sense (eg. Introduction cannot come after Conclusions).
- *Introduction, Related Works, Experimental Results, Discussions, Summary* are sections that **MUST** be contained.
- In the section of your *Method*: please do not list your project as log book entries, please talk about the final method you want to present to us. Talk about the method scientifically or technically and not as "I did this..." "Then I tried this..." "this happened...." etc.
- Do not paste any code unless it is very relevant!
- The section *Contributions* is a place to express any difference in contributions. The default assumption is that you all agree that all of you had an equal part to play in the project.
- We suggest that you try to write this as scientifically as possible and not simply like a project report. Good Luck!
- Please remove **this** NOTE section in your final report.

1 Introduction (1–2 pages)

Being able to dissect, classify, analyze and reproduce language is a highly relevant task for various fields. In the realm of artificial intelligence, we want to give language to our agents by means of communicating with them. When we deal with natural language processing we say that we make language models. Seen as there is no finite set of rules that can describe, say, the entire English language in a complete sense, for pragmatic reasons our best option seems to be basing our models on probabilistic observations - regardless of Noam Chomsky's contempt[?] for the notion of probability of a sentence.

At the foundation of every language model that wants to predict words is the concept of n-grams, a method based on probabilistic distributions over

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1.2 Outline

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2 Related work

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3 My method

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3.1 Implementation

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4 Experimental results

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4.1 Experiemntal setup

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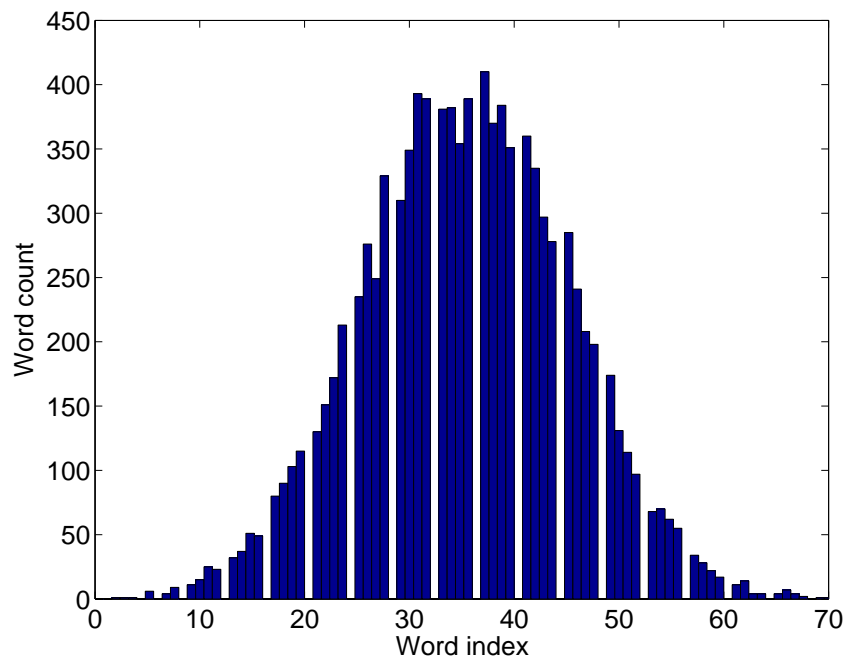


Figure 1: A description that makes browsing the paper easy and clearly describes what is in the picture. Make sure that the text in the figure is large enough to read and that the axes are labelled.

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42	42	42
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Table 1: A description that makes browsing the paper easy and clearly describes what is in the table.

4.2 Experiment ...

[illegible][illegible]

5 Summary and Conclusions

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6 Contributions

We the members of project groupXX unanimously declare that we have all equally contributed toward the completion of this project. (PLEASE CHANGE THIS SUITABLY WITH DETAILS, IF IT IS NOT TRUE)