

Homework Assignment 4

Homework Assignment 2 Please note that even though the homework assignments are optional, you're still highly encouraged to answer them, as they will help you prepare for your final exam. Solutions can be sent by email at ghammad@ifis.cs.tu-bs.de or can be given back to us at the lecture.

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- 1) Explain what is the idea behind statistical language models?
 - 2) What is the pooling method?
 - 3) What is more important for an information retrieval system: precision or recall?
 - 4) Using an example of your own, explain the difference between relevance and pertinence.
 - 5) In language models one can estimate a model's probability parameters by the relative term frequencies as they appear in the respective document. What is the problem with this approach and how can it be fixed?