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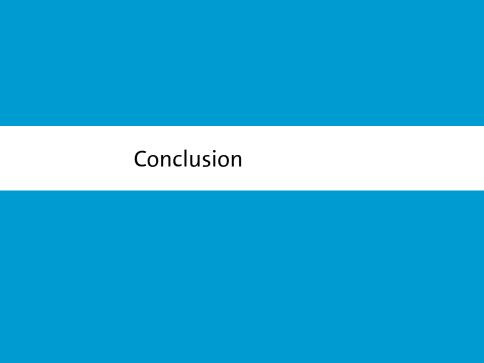
INDUCING INTERPRETABLE WORD SENSES FOR WSD AND ENRICHMENT OF LEXICAL RESOURCES

Universität Hamburg
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Motivation

Motivation: Speech recognition

Conclusion

Summary

- How to **induce word senses** and **semantic classes** from text and synonyms.

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- Hypernymy labels **improve hypernymy extraction**.

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- **Interpretability can be added** on the top of induced word senses in a model agnostic way.

- Hypernymy labels **improve hypernymy extraction**.

- Linking induced word senses to lexical resources:
  - improves **performance of WSD**;
  - can be used to **enrich lexical resources** with new senses.

A New Shared Task on WSI&D

■ Participate in an ACL SIGSLAV sponsored shared task on **word sense induction and disambiguation** for Russian!

A lexical sample task evaluated using the ARI measure

■ Target word, e.g. "bank" (in Russian).

■ Contexts where the word occurs.

■ You need to group the contexts by senses.

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- **More details**: `http://russe.nlpub.org/2018/wsi`
- You can participate by **31.01.2018**.

Thank you!