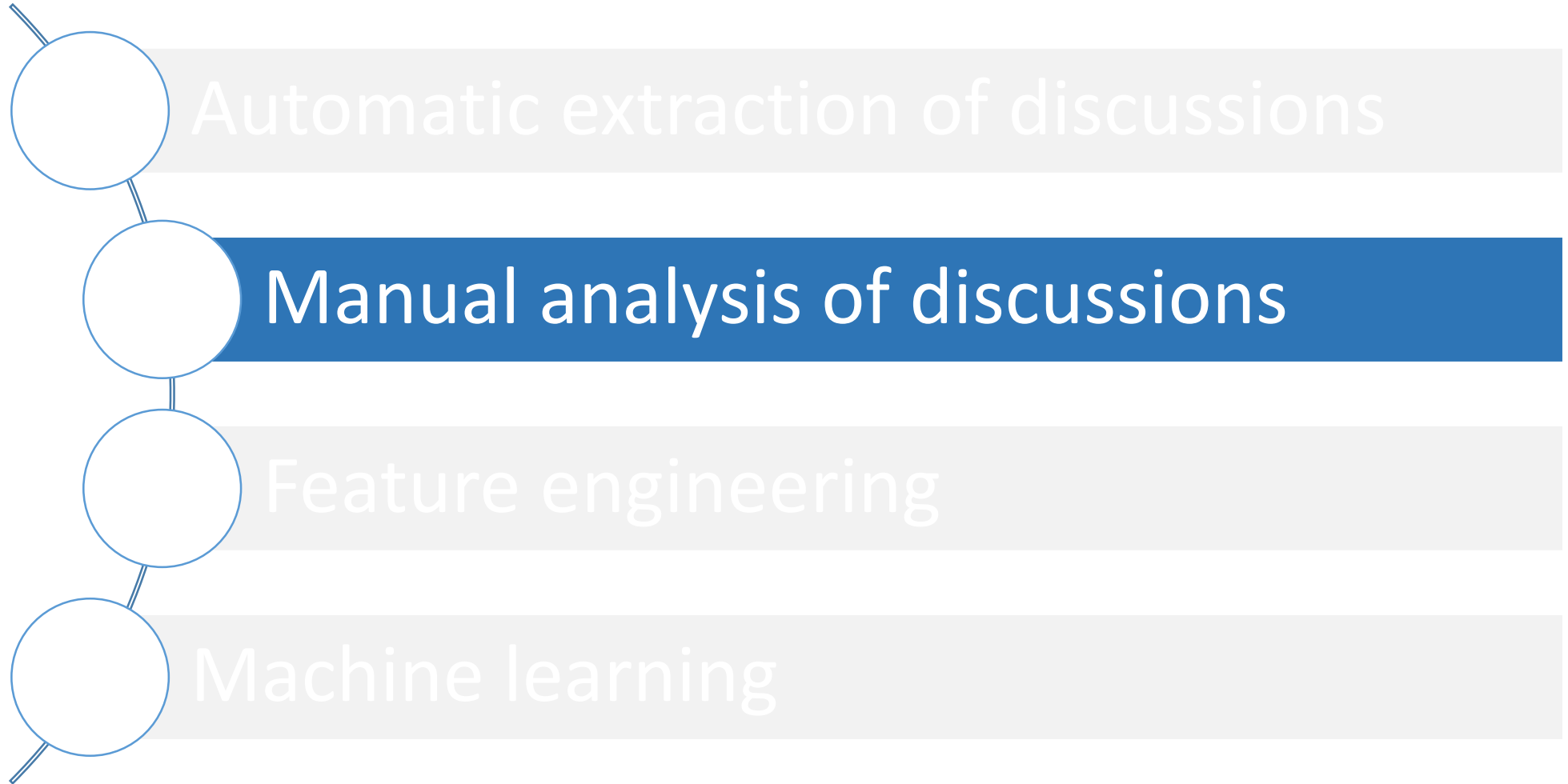


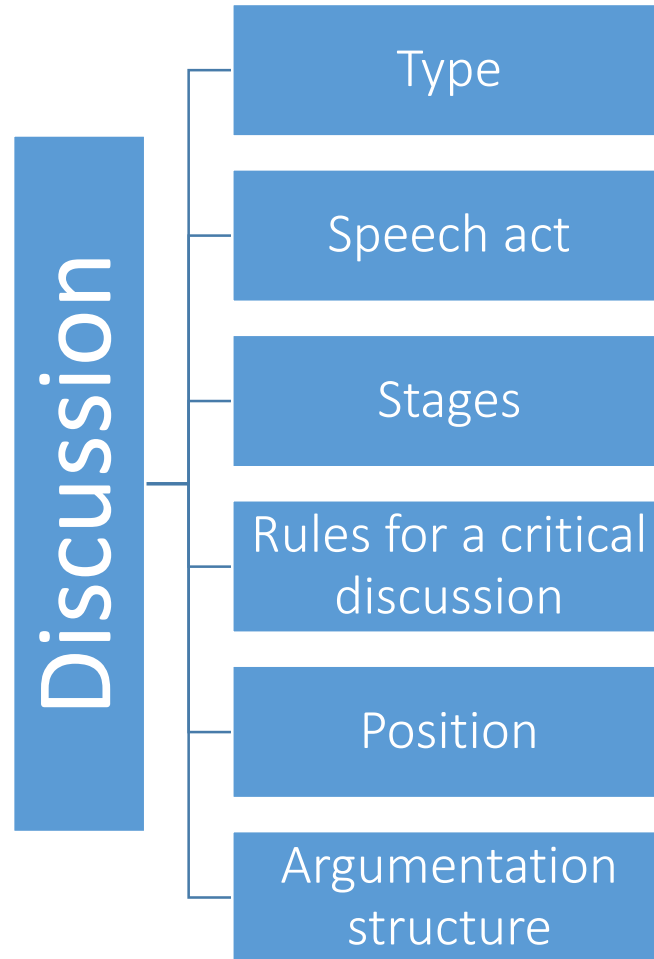
Analysis of Discussions in Wikipedia Talks: Dimensions and Materials

- *WinterTerm 2015/2016*
- [Web Technology and Information Systems](#)
- Bauhaus-Universität Weimar
Faculty of Media

Step



Dimensions



Dimensions

Ehsan

- **Type**
- Speech Act
- Stages

Erden

- Type
- **Argumentation Structure**
- Rules of Critical Discussions

Roxan

- **Speech Act**
- Type
- Rules for a Critical Discussion

Reading the Materials

- Read each paper in the materials carefully, and try to understand the following:
 - The overview idea.
 - The research problems.
 - The need for the proposed research.
 - The literature that are relevant to the research problems.
 - The methods used, main findings and recommendations.
 - The qualitative and quantitative evaluation.
 - The strengths and weaknesses.

Applying the Theory

- Make a list of the main concepts that are related to your dimension.
- Define each concept, summarize its usage, and state an example to explain it.
- Specify the possible classes that the dimension or the concept might be divided into.
- Read the discussions, and try to Label their texts into one of the predefined concepts and their classes.
- After labeling all the discussions, analyze the output and list all the insights and findings.

Materials

▪ Type

[1] Douglas Walton. 2010. Types of Dialogue and Burdens of Proof. In Proceedings of the 2010 conference on Computational Models of Argument: Proceedings of COMMA 2010, Pietro Baroni, Federico Cerutti, Massimiliano Giacomin, and Guillermo R. Simari (Eds.). IOS Press, Amsterdam, The Netherlands, The Netherlands, 13-24.

[2] Doug Walton, Katie Atkinson, Trevor Bench-Capon, Adam Wyner, and Daniel Cartwright. Argumentation in the framework of deliberation dialogue. *Arguing Global Governance: Agency, Life world and Shared Reasoning*, page 210, 2010.

[3] <http://sites.psu.edu/yannshiou/2015/05/20/waltons-dialogue-theory/>

▪ Speech Act

[1] What is a Speech Act? by John Searle.

[2] O. Ferschke, I. Gurevych, and Y. Chebotar. Behind the article: Recognizing dialog acts in Wikipedia talk pages. In European Chapter of the Association for Computational Linguistics 2012.

[3] http://odur.let.rug.nl/~spenader/public_docs/speech_acts_groningen_NOV.pdf

▪ Argumentation Structure

[1] Snoeck Henkenmans, A. F. (2000). State-of-the-art. The structure of argumentation. *Argumentation* 14(4):447-473.

[2] Raquel Mochales and Marie-Francine Moens. 2009a. Argumentation mining: the detection, classification and structure of arguments in text. In *ICAIL '09: Proceedings of the 12th International Conference on Artificial Intelligence and Law*, pages 98–107, New York, NY, USA. ACM.