Analysis of Discussions in Wikipedia Talks: Dimensions and Materials

• WinterTerm 2015/2016
• Web Technology and Information Systems
• Bauhaus-Universität Weimar
  Faculty of Media
Step

- Automatic extraction of discussions
- Manual analysis of discussions
- Feature engineering
- Machine learning
Dimensions

- Type
- Speech act
- Stages
- Rules for a critical discussion
- Position
- Argumentation structure
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


- Speech Act


- Argumentation Structure