

# Thesis Meeting 12

kense, for the thesis

# Review of Tasks

- New expansion of labels
- Modify and Integrate

# Recap of Methods

- Context-based, appearance and colocation of labels
- Frequency-based, long-term dependencies with LTL expressions
- Frequency-based, common pattern identification

## Results - Expansion of Labels

- Better separation on specific pattern discovery
- Context-based-only clustering slightly off
- More room for LTL expression discovery

# More on LTL Expressions

- Different mode of analysis? Rather than for weighting/clustering, using LTL expressions to confirm trends of labels?
  - Achievable by different pattern scopes?
  - Probability of satisfaction?
- Show more complex representations/checking for properties is viable without changing the labelset.
- Show more complex representations/checking for properties is viable with a different labelset.

# New Tasks

- Work more with LTL expressions for analysis.
- Clean up and debugging of context-based colocations functions.
- Wrap up to start preparing for paper writing.
  - Paperwork?
  - Change in Title?
  - Scheduling deadlines?