



Methodology

- Obtained a list of 82 features from 146 participants
- 118 Participants rated how central or important the features were to privacy (central, intermediate, peripheral)
- 62 participants rated the extent to which created vignettes (with central, intermediate, and peripheral features) were representative examples of privacy



Privacy is organized around a prototype

- 82 features
- Reliably rated on centrality
- Vignettes with central features were judged as better exemplars of privacy than vignettes with peripheral features
- In a memory task, the prototype was first activated. Participants falsely recognized central non-presented items.



Dictionary was built on the features

1. 82 features were broken down into seed words e.g. ‘**securing** my **personal** information’
2. Synonyms and antonyms of seed words were identified (total of 604 words)
3. Collected a dataset of interview transcripts from 7 diverse offline and online privacy-sensitive contexts.



Analysis of interviews

- Raters marked up areas of text talking about privacy
- The privacy texts (50.000 words) were compared to the non-privacy text (200.000 words).
- We omitted 373 words from the 604:
 - ...that were not mentioned in the privacy texts
 - ...that were not used as anticipated e.g. company



Still to do...

- Use existing content and linguistic analysis tools to examine linguistic differences between privacy and non-privacy text (at word, content, syntax and semantic levels)
- Build a privacy dictionary tool which will be tested on new data. The results will be compared to human raters' judgement.
- The automated privacy dictionary will assist researchers in detecting privacy relevant discourse and will maximize the richness of qualitative analysis.