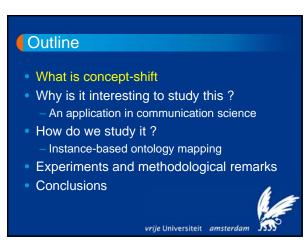
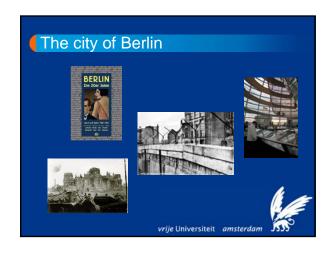


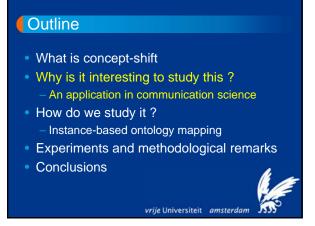
Underlying Research Questions What are suitable structures for representing mapping chains? Can instance-based ontology mapping provide useful mapping-chains expressing concept shift, and how can we evaluate those chains?



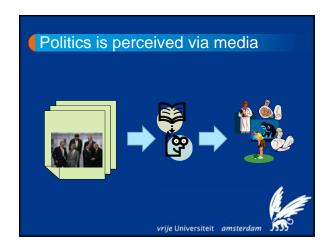


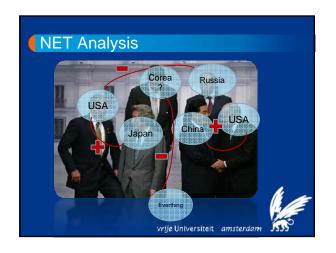


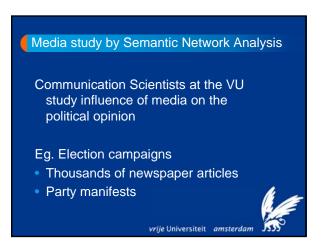


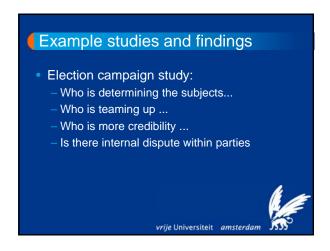


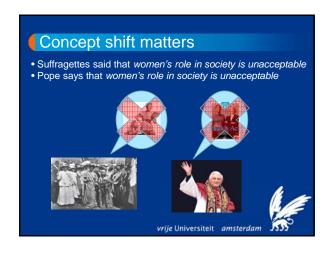


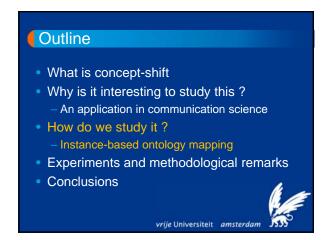


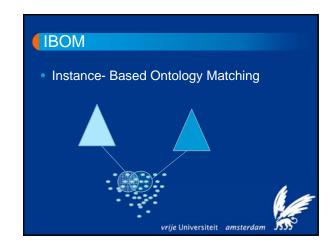


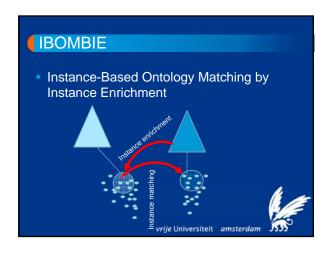


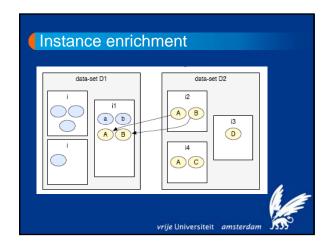




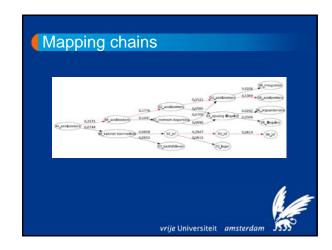


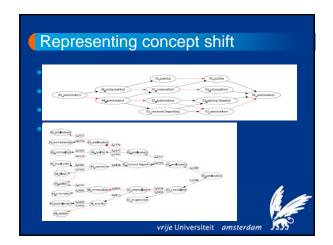


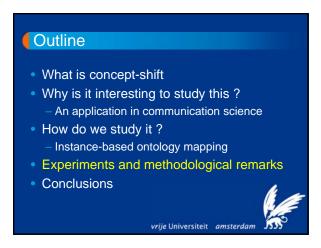


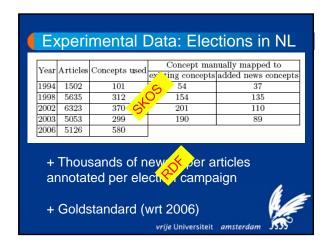


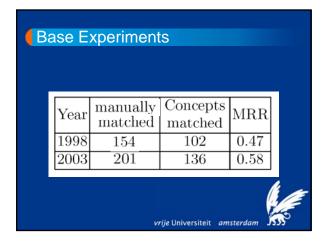


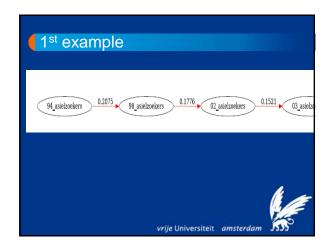




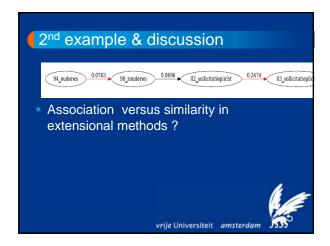


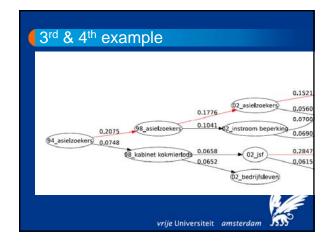




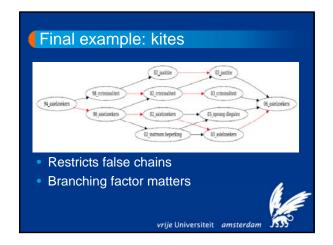












Outline

- · What is concept-shift
- Why is it interesting to study this?
 - An application in communication science
- How do we study it ?
 - Instance-based ontology mapping
- Experiments and methodological remarks
- Conclusions



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Conclusion

- "Anecdotal" evidence that:
 - Concept-shift matters
 - Ontology Matching can capture that shift at least partially
 - Mapping chains are useful structures
- Open question
 - Association versus similarity
 - Evaluation methodology



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