Hidden Markov Models

Sequence tagging applications in NLP

- part-of-speech tagging
- named entity recognition (NER)
- information extraction
- chunking
- speech recognition
- ...

HMM’s for p-o-s tagging

- See .tex slides

Viterbi Algorithm

- students/V need/V another/V break/V
- students/N need/N another/N break/N
- students/P need/P another/P break/P
- students/ART need/ART another/ART break/ART
Viterbi Algorithm