Parsing von natürlichen Sprachen
4. Übungsblatt
20. November 2020

Transition systems

Exercise 4.1. Taken from Kübler et al. 2009 Figure 1.1). Consider the following projective dependency structure:

Specify an appropriate arc-standard transition system for projective dependency parsing and a transition sequence that recognized this dependency structure.

Exercise 4.2. Specify a transition sequence of the transition system for non-projective dependency parsing for the following dependency tree.

Exercise 4.3. Given a sentence of length $n$, what is the length of a shortest/longest accepting transition sequence of the transition system for parsing of non-projective dependency structures.

Literatur