

Quantifiers, Ambiguity, Underspecification and Compositionality

Syntax and Semantics of Natural Language, ACS 2011, Assignment 4
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1 Deadline

Hand in this assignment to me at the lecture on Tuesday 15th March.

2 Task

For each sentence: 1) enumerate the possible interpretations using fully-specified well-formed formulae of some logic (3 marks / sentence); 2) describe how the truth-conditions for one interpretation can be computed with respect to an appropriate model (2 marks / sentence); 3) give an underspecified representation which captures those aspects of the meaning determined by the syntax and lexical semantics (2 marks / sentence); and 4) sketch how this underspecified representation can be built compositionally from the CCG derivation (3 marks / sentence).

3 Sentences

- (1) Few women I know smoke or drink heavily.

- (2) Most students who have a project supervisor probably like her.