

# Quantifiers, Ambiguity, Underspecification and Compositionality

Syntax and Semantics of Natural Language, ACS 2012, Assignment 4  
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## 1 Task

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

## 2 Sentences

- (1) Some student in every college snores or grunts
- (2) Some student doesn't like his lecturer
- (3) Every student who drives a car regrets it