

Assignment 7: X-Bar Theory

1. Problem 1d from Chapter 5 of the textbook (page 141). The sentence is many ways structurally ambiguous. For this problem you need to only provide one tree.

2. Consider the following NP:

(1) that tall student of Physics from Norway with dreadlocks

Restricting our attention to the structures where the AP *tall* and the three PPs: *of Physics*, *from Norway*, and *with dreadlocks*, all modify *student*. the NP is still three-ways ambiguous.

a. Using X-bar notation throughout, construct the tree where *student of Physics from Norway with dreadlocks* is a constituent.

b. Using *one*-substitution, provide evidence for the structure in (a).

c. Using X-bar notation throughout, construct the tree where *tall student of Physics from Norway* is a constituent.

d. Using *one*-substitution, provide evidence for the structure in (c).

e. Using X-bar notation throughout, construct the tree where *tall student of Physics* is a constituent.

f. Using *one*-substitution, provide evidence for the structure in (e).

g. Is there a structure where *tall student* is a constituent? Use the *one*-substitution test to determine the answer to this question.