11-721: Grammars and Lexicons

Task 1

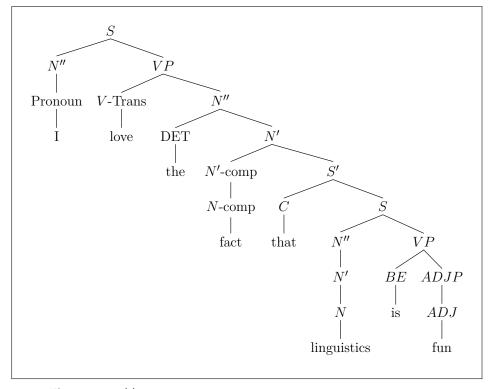


Figure 1.1 ''I love the fact that linguistics is fun''

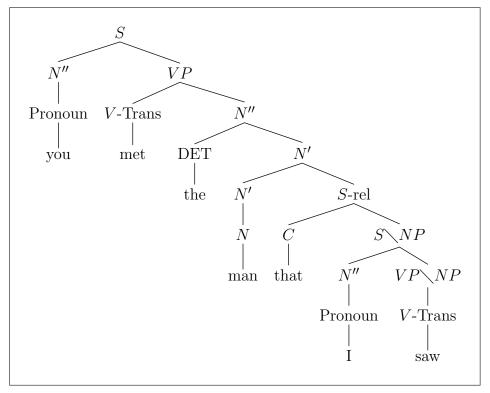


Figure 1.2 ''You met the man that I saw''

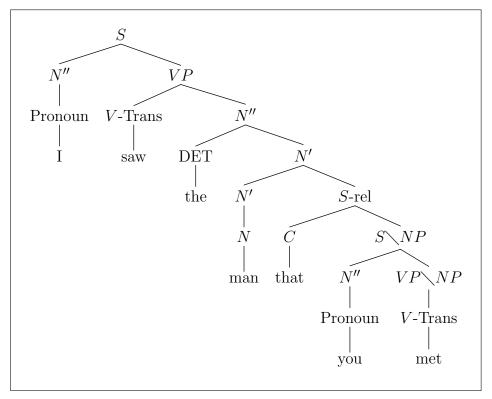


Figure 1.3 ''I saw the man that you met''

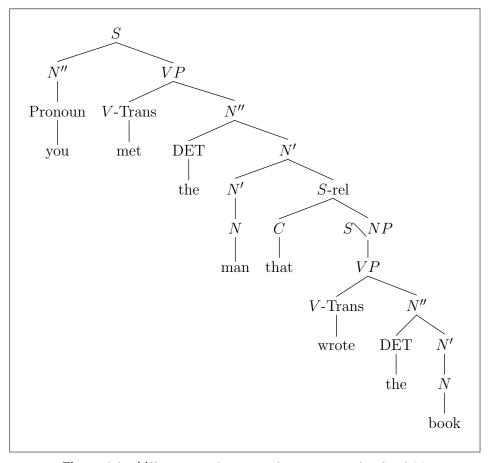


Figure 1.4 ''You met the man that wrote the book''

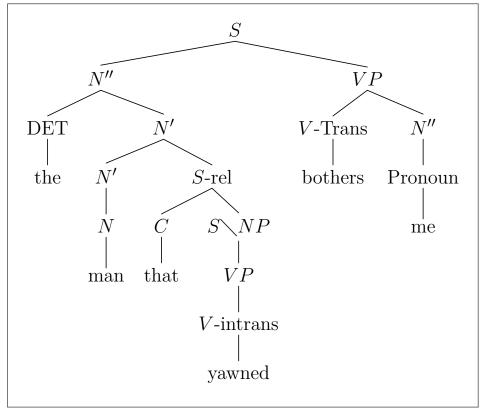


Figure 1.5 'The man that yawned bothers me'

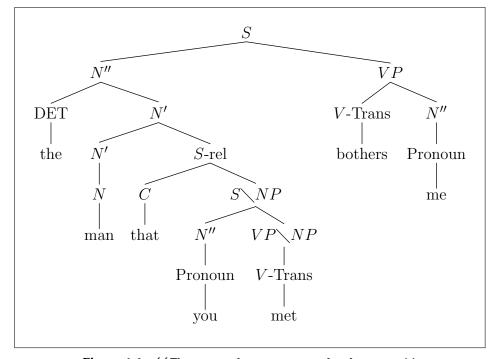


Figure 1.6 ''The man that you met bothers me''

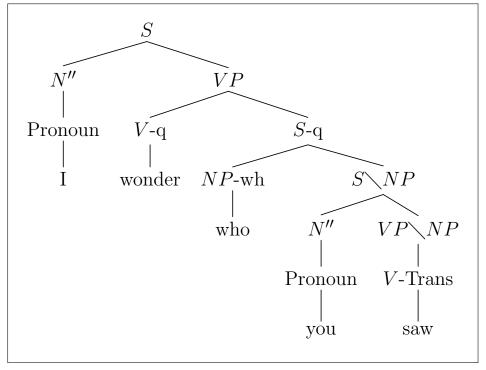


Figure 1.7 ''I wonder who you saw''

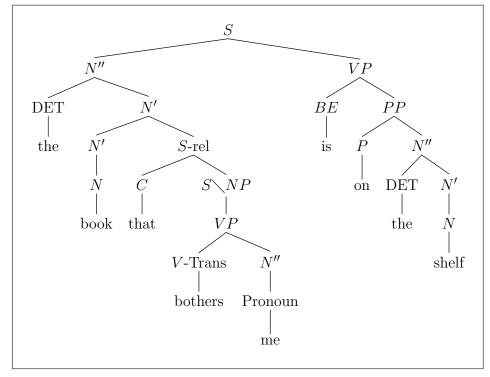


Figure 1.8 ''The book that bothers me is on the shelf''

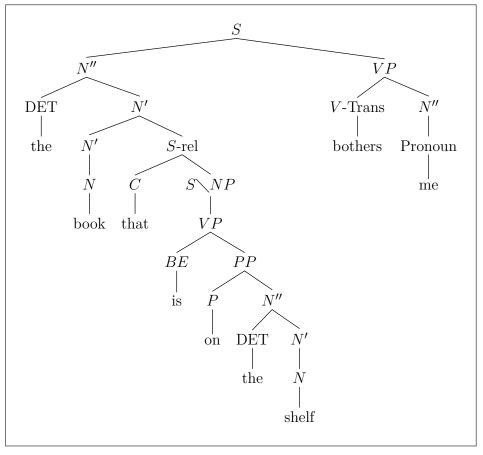


Figure 1.9 ''The book that is on the shelf bothers me''

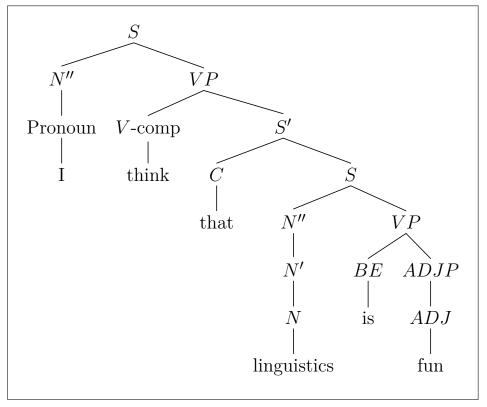


Figure 1.10 ''I think that linguistics is fun''

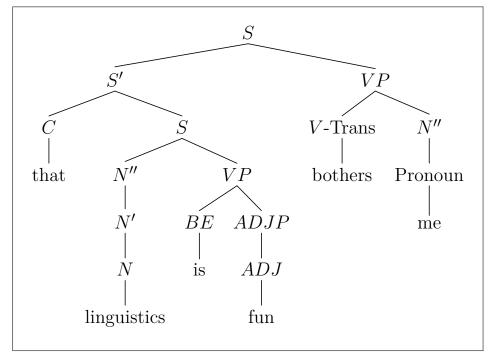


Figure 1.11 ''That linguistics is fun bothers me''

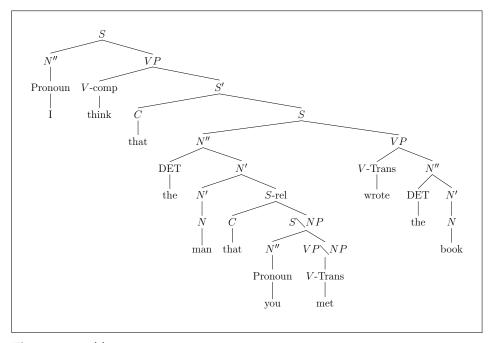


Figure 1.12 ''I think that the man that you met wrote the book''

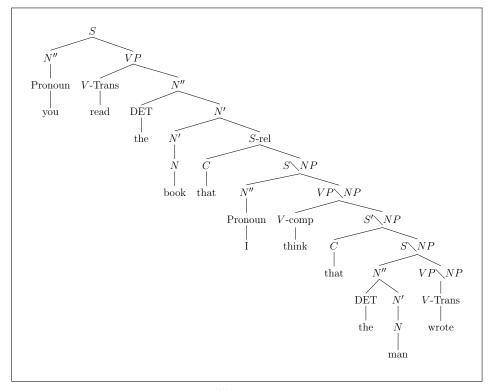


Figure 1.13 ''You read the book that I think that the man wrote''

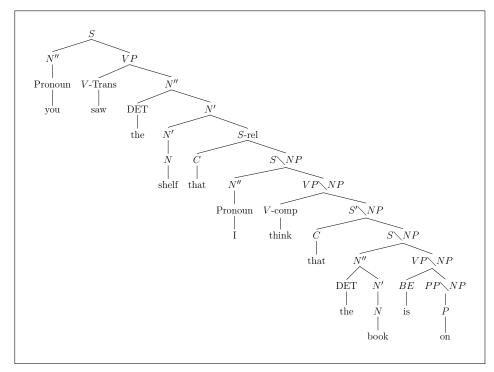


Figure 1.14 ''You saw the shelf that I think that the book is on''

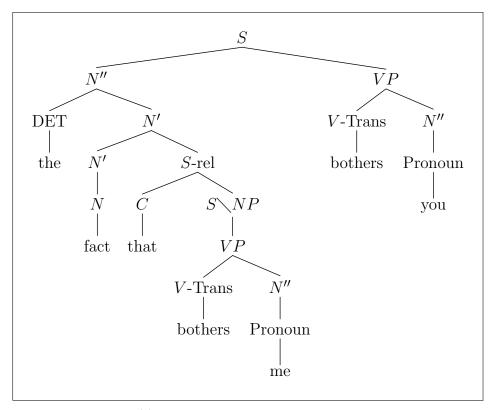


Figure 1.15 'The fact that bothers me bothers you'

Task 2

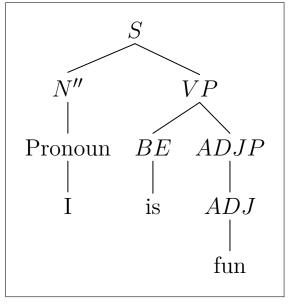


Figure 2.1 ''* I is fun''

The above example shows that the grammar needs a stronger lexicon to make verbs agree to their subjects.

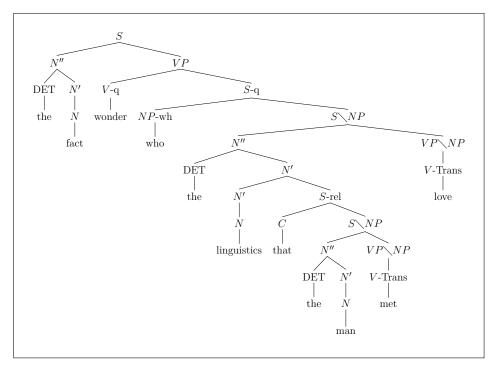


Figure 2.2 ''* The fact wonder who the
linguistics that the man met love''

The above example shows that the grammar needs to account for properties of words, specifically that the word "who" must refer to people.