Theory of Meaning Assignment #8

Andrew Zito

8 April 2016

1 Exercise E

1.1 Part 1

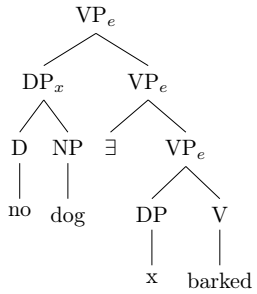
(a) ∃e (e < utt, AGT(e,**alan**), PAT(e,**carl**), **beat**(e))

(b) ∃e (e < utt, AGT(e, **carl**), cry(e))

(c) ∃s (s = utt, IN(s, **alan**), THEME(s, **carl**))

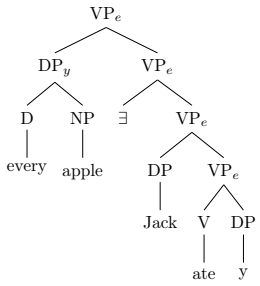
1.2 Part 2

(a)



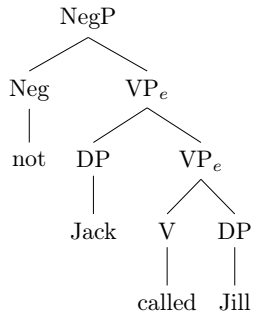
no$_x${**dog**(x)} ∃e(e < utt, AGT(e,x), **bark**(e))

(b)



every$_y${**apple**$_y$} ∃e(e < utt, AGT(e, **jack**), PAT(e, y) **eat**(e))

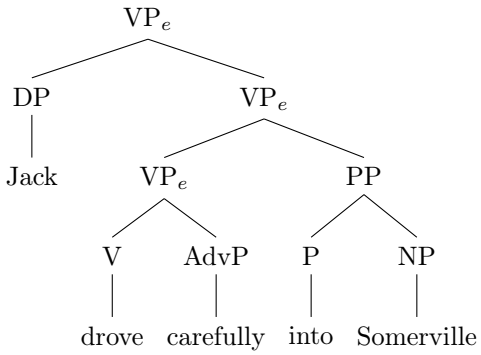
(c)



$\neg$ $\exists$e(e $<$ utt, AGT(e, **jack**), PAT(e, **jill**), **call**(e))

2 Exercise F

2.1 Part 1



$\exists$e(e $<$ utt, AGT(e, **jack**), **drive**(e), **carefully**(e), into(e, **somerville**))

2.2 Part 2

1. VERB:
   write(e)

2. NONBRANCHING DP:
   (PAT(e,x), write(e))

3. NONBRANCHING DP:
   (AGT(e,**jack**), PAT(e,x), **wrote**(e))

4. ADVERB:
   (AGT(e,**jack**), PAT(e,x), **wrote**(e), **slowly**(e))

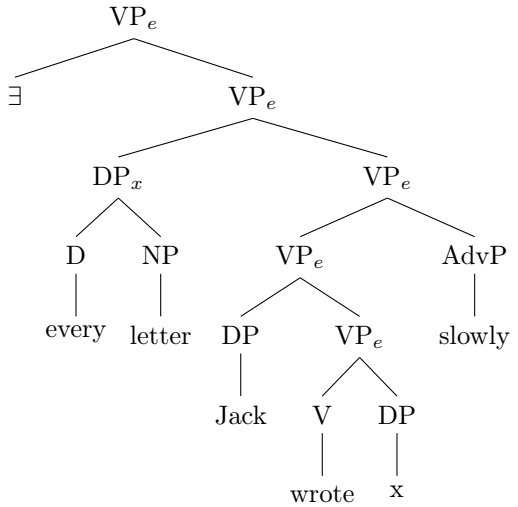
5. $\exists$-RULE:
   $\exists$e(AGT(e,**jack**), PAT(e,x), **wrote**(e), **slowly**(e))

6. NONBRANCHING NP:
   letter(x)

7. BRANCHING DP:
   every$_x${**letter**(x)} $\exists$e(AGT(e,**jack**), PAT(e,x), **wrote**(e), **slowly**(e))

2.3 Part 3

(i)



(ii) ∃e(**every**$_x${**letter**(x)} (AGT(e, **jack**), PAT(e,x), **wrote**(e), **slowly**(e)))

(iii) I suppose you could say it's because it is impossible to write every letter in a single event. Of course, we might wish to flesh out our definition of 'event' a bit before making this claim.