Review of Midterm

Adam Meyers
New York University
Question 1

- The best possible answer would be a more collapsed disjunction:
  - ((ed)|([oa]ught)|(aid)|(ent)|(ung)|(oo[kd])|(o[rvtkd]e)|([oe]ld))
- Most people did a large disjunction that would work, but was less “elegant” or which incorporated some of the collapsing above.
Question 2

- **VBZ** – present tense that agrees with 3rd person singular
  - *picks, has, Lives*
- **NN** – common singular noun (common noun that agrees with a singular verb)
  - *rice, church*
- **WRB** – Wh-adverb (WH word that functions as an adverb), e.g., *where* refers to the adverbial concept of place (the place where the wedding was)
- **PRT** – particle, different than preposition, e.g., consider the alternation:
  - *picks up the rice vs picks the rice up*
Question 3

• The only real question is about the word *one*
• Most people regarded it as a determiner that happened to begin a noun group, containing no noun.
  – This view is shared by many linguistics
  – It is similar to a view in which *one* is a pronoun
  – Same pair of views for NP use of the word *that*
Question 4

- NGs beginning with CD
  - CD is not in the FSM So the system should fail right away for: two wins, one, and three draws
    - Q0 Q1 Fail
  - However, most people treated CD as the same as DT, and I allowed this. For these only one failed. The other 2 would succeed with: Q0 Q1 Q4

- States for the/DT computer/NN: Q0 Q1 Q3 Q4
- States for the/DT second/JJ match/NN: Q0 Q1 Q1 Q3 Q4
- States for Big/NNP Blue/NNP: Q0 Q2 Q2 Q4
- 1 NP or 2 Nps: world champion Garry Kasparov
  - 2 NPs in apposition:
    - world champion: Q0 Q1 Q3 Q3 Q4
    - Garry Kasparov: Q0 Q2 Q2 Q4
  - 1 NP (with premod): Q0 Q1 Q3 Q3 Fail
Question 5

• The most common confusions related to the complementizer *that* and the particle *off*

(S (NP (NNP Mitt)))

(VP (V admitted))

(SBAR that

(S (NP he))

(VP (V cut) (PRT off)

(NP (Possp (NP (NNP John))

(POS 's))

(NN hair)))))

Review of Midterm
2014
Question 6

• The only confusion about this question is that you needed to look to see which sentences were found in both system output and answer key.
• The math part was clear
Question 7

- Most people got this one
- Most people left out some of the phrases that were generated, but were not part of the final parse, e.g., both flies and time could possibly be: N, NP, V, VP by themselves.
Question 8

• There was some variation about what was underlined, but I mostly ignored this.

• I marked the following as correct:
  1. Result
  2. Contrast
  3. Result
  4. Result or Precedence
  5. Precedence or Conjunction
  6. Precedence
  7. Conjunction