

Optional final problem on *wh*-movement and islands

Part 1

1. Draw trees for the sentences in (1). Assuming that the bounding nodes for subadjacency are DP and CP, indicate *all necessary* instances of *wh*-movement with appropriate circles and arrows. [Please write the *wh*-phrase itself only in the position in which it is pronounced.] Assume for the moment that all three examples are acceptable.
 2. Suppose we were wrong about the bounding nodes for English. Suppose they were DP and IP.
 - a. Do any previously optional instances of *wh*-movement become necessary? If so, which ones, and why? Conversely, do any previously necessary instances of *wh*-movement become optional?
 - b. Do any examples change their predicted status from good to bad -- or from bad to good? If so, explain -- and tell me what *your* judgment is.
- (1)
- a. Which books did John say that Mary thinks Tom put ___ on reserve in the library?
 - b. Whose friends have you taken pictures of ___?
 - c. Who did you wonder why I invited ___ to the party?

Part 2

1. Draw trees for the unacceptable sentences in (2). Assume the *wh*-made it to its final destination somehow, perhaps by bribing appropriate border guards, but also assume that it did its best to land everywhere it could on the way.
2. For each example, indicate if any movement step (or steps) violates subadjacency on the assumption that the bounding nodes are DP and CP. Say how.
3. If any example violates one of the other constraints that we discussed (perhaps in addition to subadjacency), indicate which one(s), and exactly how the constraint is violated.

- (2)
- a. *Who did you buy a picture of Sue and ___?
 - b. *With what tools did Mary report [my belief that Sue had fixed the sink ___]?
 - c. *Who has [a book about ___] persuaded Mary to attend MIT?
 - d. *Which magazine did Sue wonder who Tom convinced ___ that Harold read ___?
 - e. *Which bridge did Bill meet the engineer who had constructed ___?
 - f. ??Whose dog did Tom keep gerbils and take care of ___?
 - g. ??Mary-ga [DP [CP John-ga [ittai nani-o] yonda] koto-o]
Mary-NOM John-NOM on-earth what-ACC read fact-ACC

wasureteiru-no?
remembered- Q

Part 3

For many speakers, the following two sentences contrast. What is the reason for the contrast, and what does this tell us about how movement works?

- (3)
- a. ??What did you persuade whom to buy ___?
 - b. Who did you persuade ___ to buy what?

Draw a tree for (3b). Assume, as discussed in the final week, that English is like Bulgarian after all -- except that some of the movements that are overt in Bulgarian are covert in English. Indicate all instances of movement with appropriate circles and arrows, marking which one(s) are overt and which, covert.