

1 Not English

[5 points] Observe the following example from Hixkaryana. If you wish to ask a *wh*-question, you use a “*wh*”-word such as *onokà*. As in (2).

- (1) toto yonoye kamara.
man 3S3O-ate jaguar
‘The jaguar ate the man’
- (2) onokà wosà yonyo?
who woman 3S3O-saw
‘Who saw the woman?’

1.1 *Wh*-movement

Based on the evidence you can see in (1) and (2), does Hixkaryana have *wh*-movement? Explain briefly what leads you to your answer.

1.2 Headedness

Does the head come before the complement in Hixkaryana or after it, based on what we see in (1)? That is, in Hixkaryana like English in this respect, or is it like Japanese?

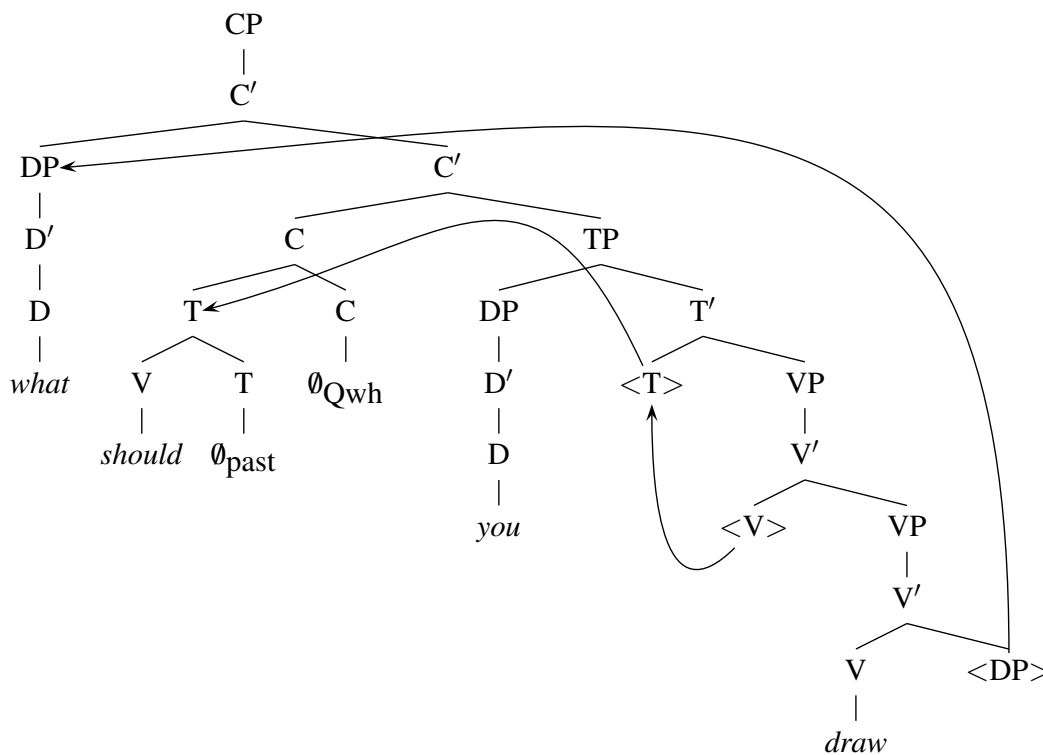
1.3 Verb movement

Making the following reasonable assumptions, does V move to T in Hixkaryana, at least in (1) in particular?

1. the subject in (1) is in the specifier of TP,
2. specifiers of any XP are to the left of the X' node (specifiers are leftward),
3. given the prior two assumptions, (1) must be derived by moving the VP to the front. Something like: (*I told you I would eat lunch, and...*) [*eat lunch*] *I did*.
4. your answer about headedness in (1.2) holds of all phrases (CP, TP, VP).
5. when things move, they move upward in the tree only (not down, not sideways), to a position that c-commands where it came from.

2 Trees

[20 points (4 per tree)] Draw trees for the following sentences, like the model below. Draw the S-structure, with arrows showing the movement, and with $\langle \rangle$ around the position from which something moves. For a double movement (like $V \rightarrow T \rightarrow C$), you can draw it as in this tree, with the arrow for the first movement leading to the “trace” of the second movement. Complex heads (like C below) should be drawn out. Modals and other auxiliaries (like *should* below) should be drawn as verbs (that may move to T). Label silent heads with subscripts (e.g., \emptyset_{Qwh} , \emptyset_Q , \emptyset_{proper} , \emptyset_{mass} , \emptyset_{pl} , \emptyset_{decl} , \emptyset_{past} , \emptyset_{inf} , ...).



- (3) My friends shall not rent a blue checkmark.
- (4) Who did you say that I should invite?
- (5) Pat knows who will win the game on Sunday.
- (6) During the blizzard, they wanted to build snowy sculptures.
- (7) Should we have been watching television before the final?

3 Inventing examples

[5 points] For each description below, provide a sentence matching the description.

- (8) A declarative sentence with an embedded *wh*-question
- (9) A sentence with PRO
- (10) A yes-no-question with a ditransitive verb
- (11) A negative declarative sentence with a PP adjunct
- (12) A multiple *wh*-question with one *wh*-word inside an island