

GRAMMATICAL FUNCTION-CHANGING MORPHOLOGY, I

PASSIVES, CAUSATIVES, REFLEXIVES, AND RECIPROCALLS

Matthew A. Tucker

Linguistics 105: Morphology
Fall 2012

November 2, 2012



ADMINISTRATIVE STUFF

HOMEWORKS

- HW #5/Paper Proposal due Monday.
- One of us will write you about your proposal.
- HW #4 to be handed back today.

READINGS & OTHER

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- Colloquium @ 4pm in Stevenson Fireside Lounge.
 - *Speaker:* Ben Munson, University of Minnesota
 - *Title:* "Perceived gender and fricative identification."

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- 3 PASSIVE
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THETA ROLES AND THE LEXICON

THE STRUCTURE OF THE LEXICON

What does a lexical entry look like (for a predicate)?

- Two key components:
 - SUBCATEGORIZATION FRAME: *hit*, V [DP [__ DP]]
 - THEMATIC GRID: *hit*, V [θ_{agt} [__ θ_{pat}]]
- Maybe there's some morphology, too?
 - Rules generating derivational morphology.
 - Rules generating idiosyncratic pronunciation (*i.e.*, $\sqrt{\text{CAT}} = /kæt/$).

THE NEXT QUESTION

Is there morphology that operates on a thematic grid of a predicate to change it?

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THE ROADMAP

- *From Nominalizations*: Thematic grids are unchanged by nominalization morphology.

BUT THAT'S NOT ALL . . .

Some morphology can affect ARGUMENT STRUCTURE when attached to a base.

- These morphological operations include:
 - ① GRAMMATICAL FUNCTION-CHANGING MORPHOLOGY, (today, *et seq.*).
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GRAMMATICAL FUNCTIONS AND THE LEXICON

- θ -roles map to grammatical functions (*almost* one-to-one).
- Thematic grids are idiosyncratic facts about predicates:
 - (1) # The rock *tickled* Pam.
 - (2) The rock *hit* Pam.

DEFINITION

GRAMMATICAL FUNCTION-CHANGING MORPHOLOGY =_{def} any morphology which maps a predicate's argument structure.

- (3) a. *hit_{act}*, $V [\underline{\theta_{agt}} [_ \theta_{pat}]]$ b. *hit_{pass}*, $V [\underline{\theta_{pat}} [_]]$

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OPERATING ON GRAMMATICAL FUNCTIONS

- Often, these affixes will change TRANSITIVITY, though not always. Reminder of the three kinds of VALENCE:
 - ① INTRANSITIVES have only one argument (*Randy slept.*).
 - ② TRANSITIVES have two arguments (*Randy hit Jim.*).
 - ③ DITRANSITIVES have three arguments (*Randy gave Julian's car to Ricky.*).
- Attempts to reduce subcategorization to θ -roles and vice versa have been made.
- Characterizing GF-changing morphology in this way *does not* commit us to implementing them as functions on θ -grids.

TAKE-HOME MESSAGE

Changing a verbs argument structure has syntactic consequences.

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PASSIVE

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PASSIVE PRELIMINARIES

- (4) a. Bob hit David.
b. David was hit (by Bob).

CHARACTERIZATION OF PASSIVES

The PASSIVE maps the object of a transitive predicate to the subject of a derived intransitive predicate. The original subject may (not) be expressed as an oblique.

- Other properties may include:
 - Valence reduction by 1
 - Participial morphology (in some families)

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WHITHER THE AGENT?

- English is odd in allowing the agent to appear freely:
- (5) Arabic:
- Matta fataħa al-baab.
Matt opened the-door
“Matt opened the door.”
 - Al-baab in-fataħ(*min Matta).
the-door PASS-opened (*by Matt)
“The door was opened (*by Matt).”
- Other common differences from English:
 - Different prepositions for different subject θ -roles.
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 - Finally*: passive isn't the only VOICE morphology around.

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THEORIZING THE PASSIVE

COMMON IDEA ABOUT PASSIVES

The passive *removes* the verb's structural accusative case (and are therefore UNACCUSATIVES). It does not allow for a DP in [Spec,VP] at D-Structure.

- Recall:
 - One DP (the EXTERNAL ARGUMENT) doesn't receive Case in VP.
 - The DP that *does* is given accusative.
 - The other DP raises to [Spec,TP] and gets nominative.
- Consequences of taking away ACC from V:
 - Only one DP can get case (*ceteris paribus*).
 - The object must *raise* to get nominative.
 - You need something else to license the subject, if present.

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THEORIZING THE PASSIVE

COMMON IDEA ABOUT PASSIVES

The passive *removes* the verb's structural accusative case (and are therefore UNACCUSATIVES). It does not allow for a DP in [Spec,VP] at D-Structure.

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CAUSATIVE

- 1 WHERE WE'RE AT/GOING
- 2 INTRODUCTION TO GRAMMATICAL-FUNCTION CHANGING
- 3 PASSIVE
- 4 CAUSATIVE**
- 5 REFLEXIVE/RECIPROCAL

CAUSATIVE PRELIMINARIES

(6) Luganda (Bantu, Uganda):

a. Abalenzi ba-li-fumb-a lumonde.
 boys AGR-FUT-COOK-FV potatoes
 "The boys will cook potatoes."

b. Kapere ba-li-fumb-is-a abalenzi lumonde.
 Kapere AGR-FUT-COOK-CAUS-FV boys potatoes
 "Kapere will make the boys cook potatoes."

CHARACTERIZATION OF CAUSATIVES

The CAUSATIVE adds a novel subject to a verb. The previous subject becomes the object, and any previous object becomes a *second* object.

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- Transitivity is actually somewhat irrelevant to causatives:

- (7) a. The mirror **broke**.
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- (8) a. Wanafunzi wa-ta-imb-a.
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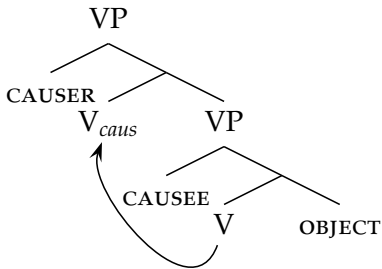
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Causatives add another verbal XP inside VP.

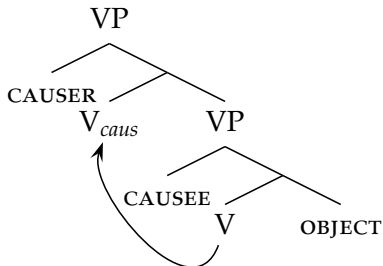


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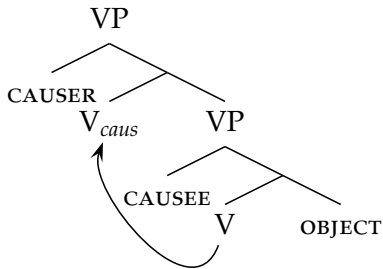


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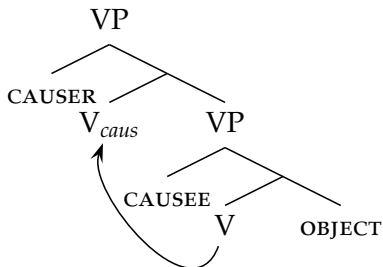


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ONLY SCRATCHING THE SURFACE. . .

- In some languages, causatives look like voice morphology.
 - Some languages don't allow more than one object in causatives.
 - Some languages treat the embedded VP like a clause, others don't.
 - Some languages allow/require the causee to be an oblique.
 - DIRECT VS. INDIRECT causatives:
 - ① DIRECT causatives involve the agent controlling the event.
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- (9) a. Llana emptied the bottle.
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REFLEXIVE/RECIPROCAL PRELIMINARIES

- (10) a. Malcom saw Ollie.
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 c. Malcom and Ollie saw *each other*. RECIPROCAL

CHARACTERIZATION OF REFLEXIVES/RECIPROCALLS

The REFLEXIVE and RECIPROCAL both require that the denotation of the object of the verb include the denotation of the subject of the verb.

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- a. ʔamaʔ, “to gather, meet”
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- We won't get into theory here; take Syntax III. Reasons:
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