1. Evidence for Raising

A. 'Boundary strength' phenomena

(1) I believe John to have convinced Bill
(2) I believe that John convinced Bill
(3) I believe Bill to have been convinced by John
(4) I compelled the doctor to examine John
(5) I compelled John to be examined by the doctor
(6) I believe there to be a man in the garden
(7) I believe advantage to have been taken of John
(8) *I forced there to be a man in the garden
(9) *I forced advantage to have been taken of John

(10)a. Jack believed Joan to be famous
   b. Joan was believed to be famous by Jack
(11)a. *Jack believes him to be immoral
   b. Jack believes himself to be immoral
(12) They believed each other to be honest

B. 'Height' phenomena

(13) The FBI proved that few students were spies
(14) The FBI proved few students to be spies
(15) Joan believes he is a genius even more fervently than Bob does
(16) *Joan believes him to be a genius even more fervently than Bob does
(17) *Joan believes him to be a genius even more fervently than Bob believes him to be a genius
(18) Mary believes him to be a genius, and Bob believes him to be a genius
(19) *Bob believes him to be a genius
(20) *Mary believes Bob to be a genius, and he believes Bob to be a genius
(21) He believes Bob to be a genius
(22) *He believes Bob to be a genius even more fervently than Bob believes himself to be a genius
(23) *Joan believes him even more fervently than Bob believes Mary believes Bill to be intelligent
(24) *Joan believes him even more fervently than Bob believes his mother does

(25) *The DA proved that the defendants were guilty during each other's trials
(26) The DA accused none of the defendants of any of the trials
(27) *The DA proved that the defendants were guilty during each other's trials
(28) No one saw anything

2. Raising Questions

If we succeed in eliminating recourse to c-selection as well as phrase structure rules, thus reducing syntactic representations at D-structure to projections of semantic properties of lexical items, it will follow that the complement of any lexical head in a syntactic representation must be s-selected by it, because there is no other way for the position to exist. For example, there cannot be such sentences as (68), where V is a verb that does not s-select an object and there is a pleonastic element...lacking any semantic role...

John [vp believe g [5 Bill to be intelligent]]

(68)...

Similarly, we cannot have "raising to object" to yield (70i) (with g the trace of Bill) from the D-structure (70i):

i. John [vp believe g [5 Bill to be intelligent]]
   ii. John [vp believe Bill [lg to be intelligent]]

The verb believe s-selects only a proposition. Therefore, in (70i) the position occupied by g cannot exist at D-structure, because it is not s-selected by believe.

[Chomsky (1986, pp.90-91)]

(41) I dislike it that he is so cruel
(42) I didn't suspect it for a moment that you would fail
(43) I regret it very much that we could not hire Mosconi
(44) I resent it greatly that you didn't call me
I don't mind it very much that he did that

I dislike him to be so cruel

I didn't suspect you to have failed

I regret them not to have hired Mosconi

I resent you not to have called me

I don't mind him to have done that

I believe (??it) that John left

I will prove (?*it) that Mary is the culprit

They have found (*it) that there is a prime number greater than 17

I will show (*it) that the Coordinate Structure Constraint is valid

3. Licensing of Accusative Case via LF SPEC-Head Agreement

Why is raising obligatory?

How does an object c-command an adjunct?

I showed John himself (in the mirror)

I showed himself John (in the mirror)

I showed the professors each other's students

I showed each other's students the professors

I denied each worker_i his_i paycheck

I denied its_i owner each_i paycheck

I gave each trainer the other's lion

I gave the other's trainer each lion

I gave no one anything

* I gave anyone nothing

They injured themselves

I asked them about themselves

I asked them about

I asked them about

Which book that John_i read did he_i like

He_i liked every book that John_i read

5. Anaphors and LF

John wonders which picture of himself Mary showed to Susan.

There arrived a man.

two knights arrived on each other's horses.

The DA proved [two men to have been at the scene] during each other's trials.

Some politician is likely to address John's constituency.

It is unlikely that anyone will address the rally.

References


Bresnan, J. (1972) Theory of Complementation in English Syntax, Ph.D. Dissertation, MIT.


