

**Lec 13**

# Coopmans paper structure

existing principles index percolation:  $[comp X_i]$  theory  $\leftarrow$  1989  $\leftarrow$  1980 no double licensing

(2), (7), \*(3), \*(4), \*(5), \*(6)

Only PP adverbials in English subcategorised by the verb can trigger locative inversion. inductive empirical generalisation

(21) Indexed comp identifies 'pro'  $[_i PP]_{comp} pro_i$

$[PP]_{comp}$  is an adverbial complement

CASE I

No index percolation:

(22)  $[PP_i][e_{INFL}[V NP t_i]]_s$

NP moves to subject position  
(no locative inversion)

$[PP_i][NP_j INFL[V t_j t_i]]_s$

✓

NP doesn't move

$[PP_i][e_{INFL}[V NP t_i]]_s$

pro in subject position not licensed

⊥

CASE II

Index percolation:

(22)  $[PP_i]_i[e_{INFL}[V NP t_i]]_s$

NP moves

✓

NP doesn't move aka in situ

$[PP_i]_i[pro_i INFL[V NP t_i]]_s$

✓

↑ contradiction?

pro := null subject  
considering means coreference  
pro could be unindexed

$[PP]$  is an adverbial adjunct

CASE I

NP raises to subject

$[PP_i][NP_j INFL[V t_i t_j]]_s$

no percolation:  $[PP_i]$

$[PP_i][NP_j INFL[V t_i t_j]]_s$

NP gets case, so it's fine  
But  $t_i$  is not antecedently governed nor lexically governed

⊥

there is percolation:  $[PP_i]_i$

$[PP_i]_i[NP_j INFL[V t_i t_j]]_s$

NP is fine  
 $t_i$  antecedently governed.

✓

CASE II

NP does not raise to subject

$[PP_i][e_{INFL}[V NP t_i]]_s$

No percolation:

$[PP_i][e_{INFL}[V NP t_i]]_s$

pro not licensed by (21)  
 $t_i$  not antecedently governed

⊥

NP percolates:

$[PP_i]_i[e_i INFL[V NP t_i]]_s$

$t_i$  antecedently governed  
xor  
pro identified. no double licensing  
it can't do both

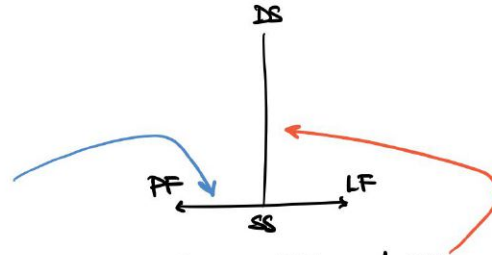
$t_i$  not lexically governed

⊥

# Coopman's goal? T-modell

Assumptions:

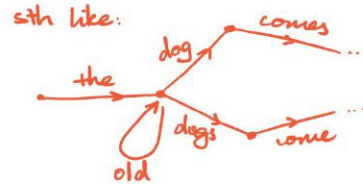
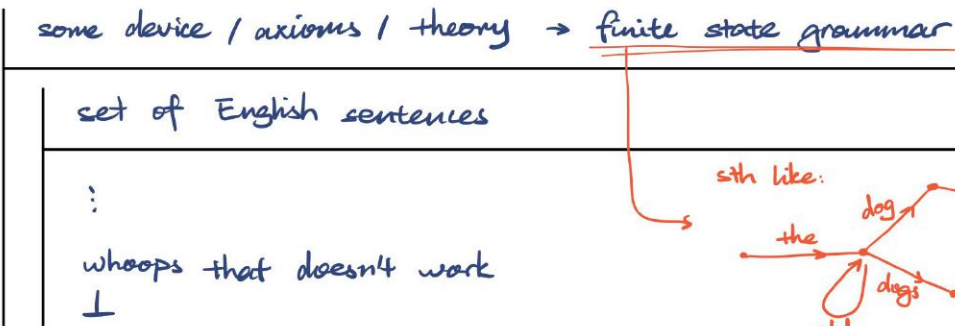
- locative inversion is stylistic
- stylistic features between SS and PF



\* Coopman's WTS locative inversion can happen btwn DS and SS

# Back to syntactic structures

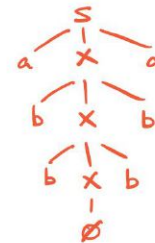
Chap 3: Elementary Linguistics theory



Chap 4

- L2: constituents
- Want: dependency not necessarily linear
- Theory: PSR

- $S \rightarrow aXa$
- $X \rightarrow bXb$
- $X \rightarrow aXa$
- $X \rightarrow \emptyset$



can't generate this?

Chap 5

- L2: displacements
- ⋮
- Theory: displacement