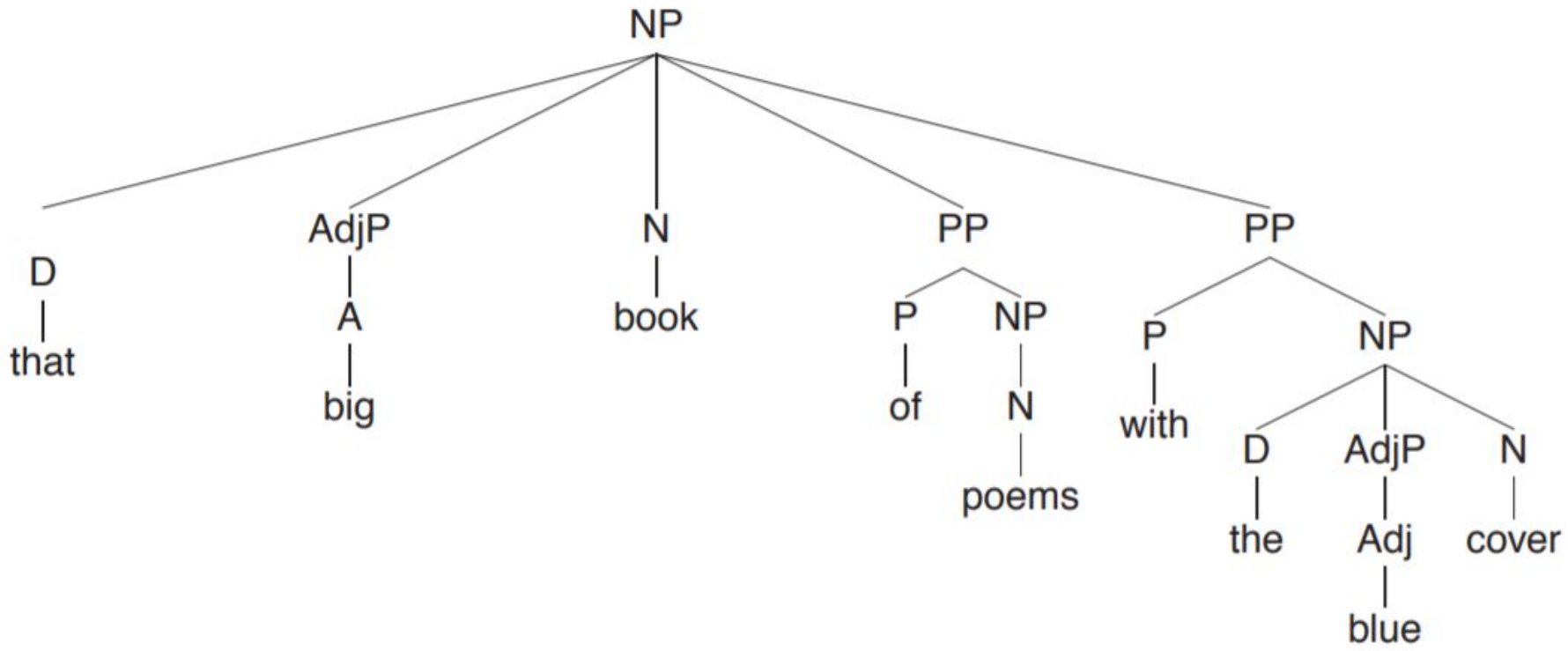
LIN 311 Syntax Recitation

Mar. 8, 2019

What is problem of flat NP structure?

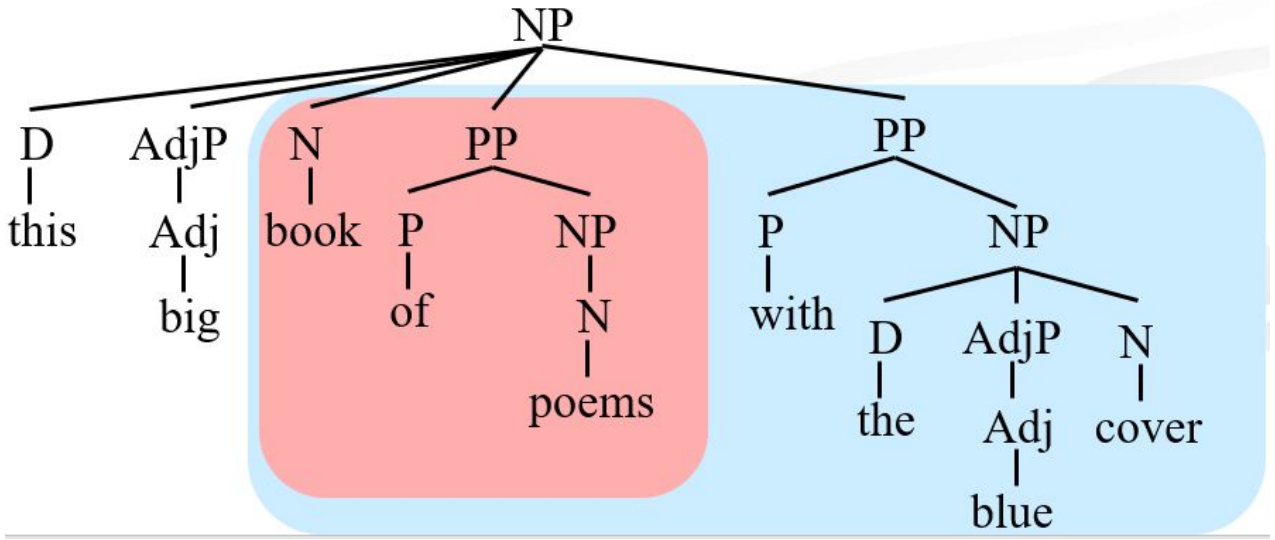
NP → (D) (AdjP+) N (PP+)

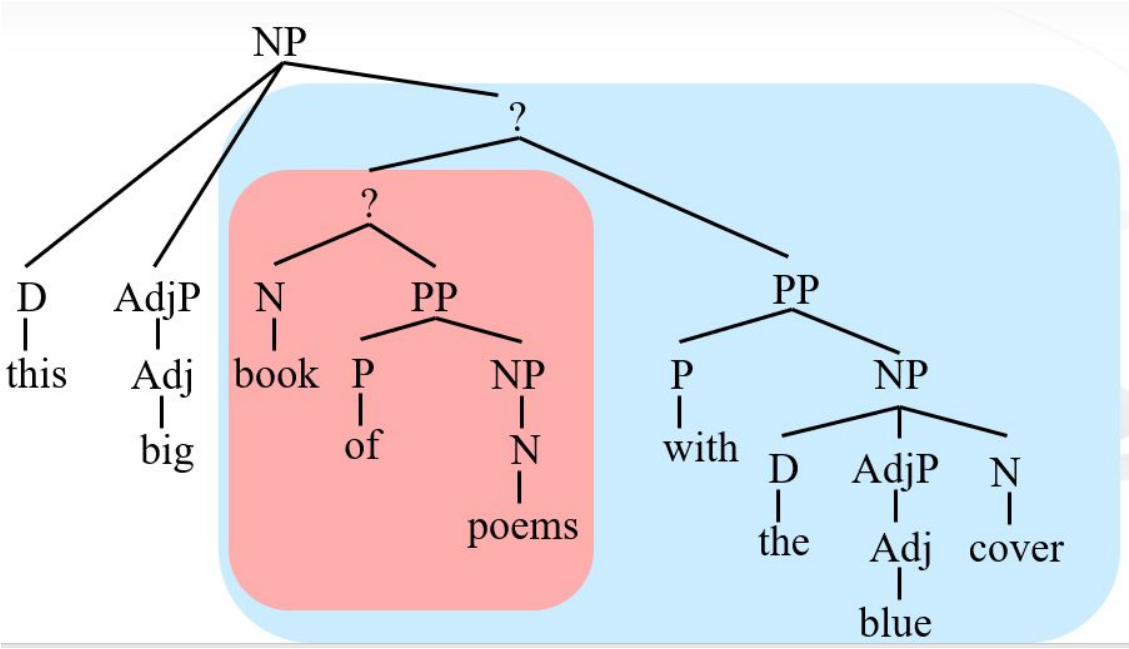
(1) I bought [that big book of poems with the blue cover].



One-replacement

NP: (D) (AdjP+) N (PP+)

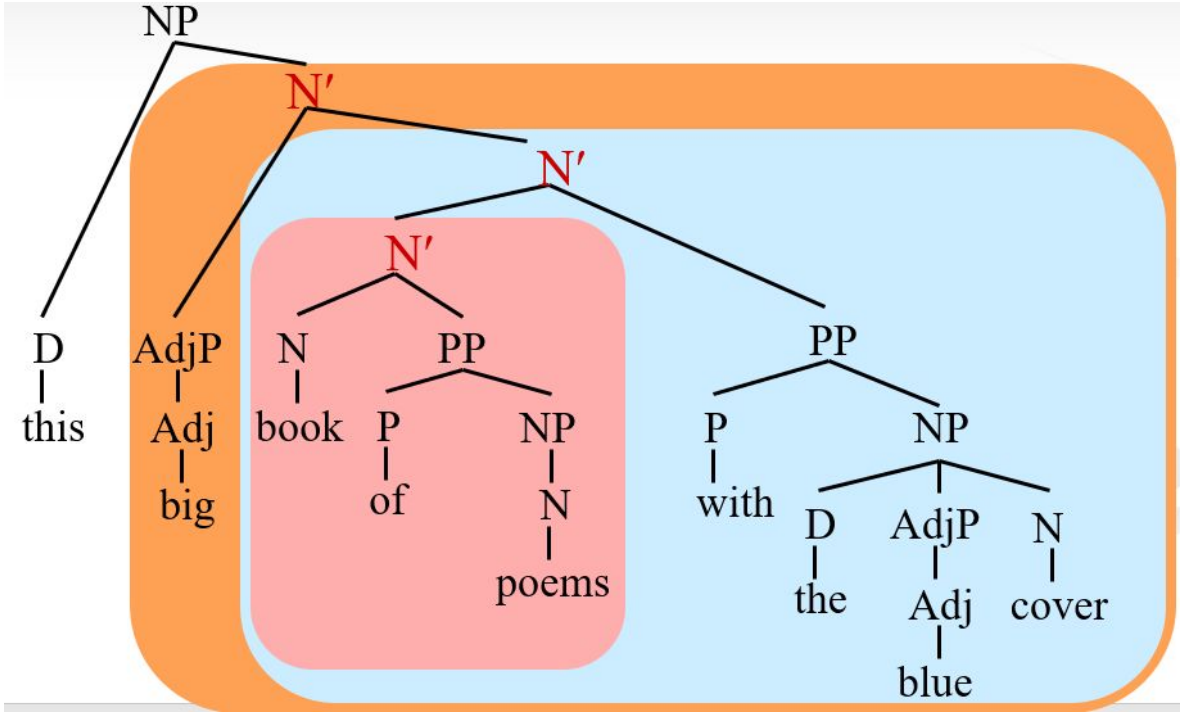




X-bar theory & NP

- deeply embedded structure
- intermediate level: N’
- One-replacement: Replace an N node with *one*.

- NP -> (D) N’
- N’ -> AdjP N’
- N’ -> N’ PP
- N’ -> N (PP)



X-bar theory & NP

Draw trees for the following phrases using X-bar theory.

1. a car [with bad air-conditioning]

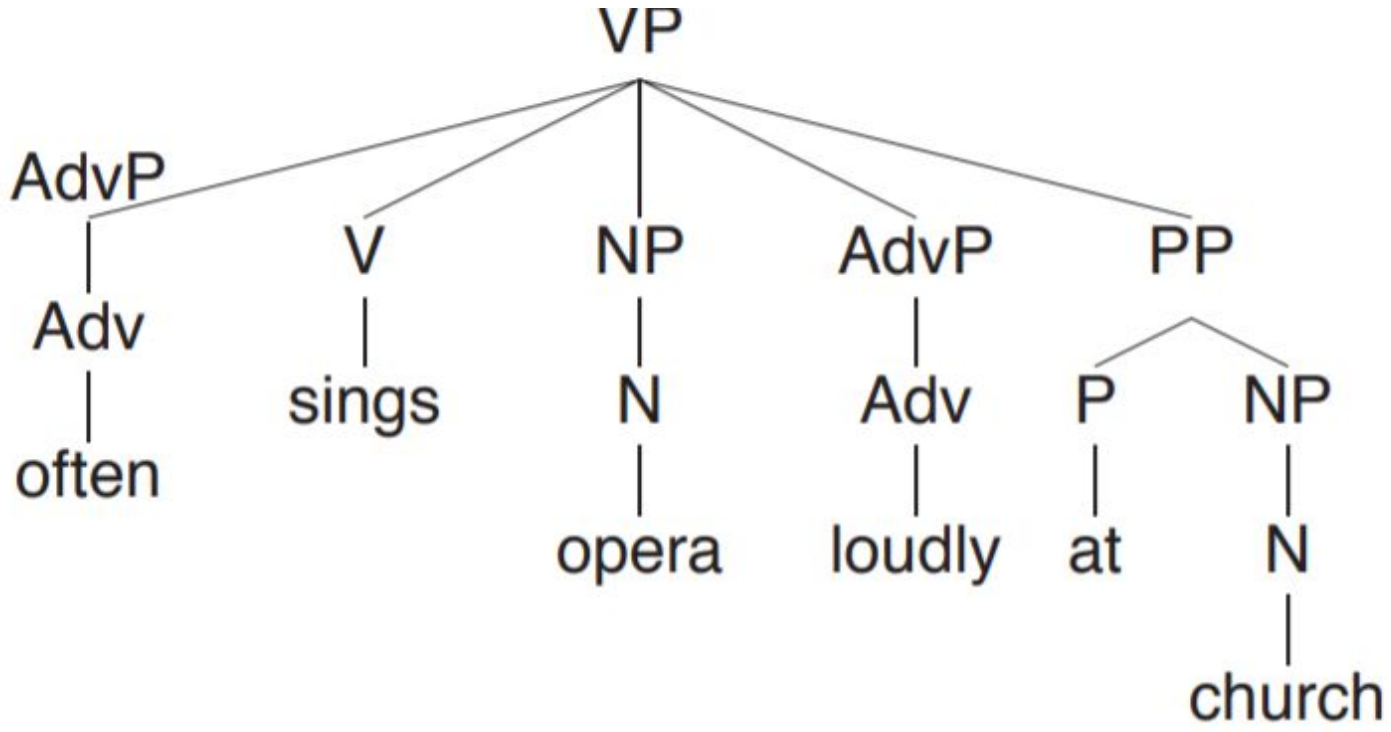
2. the former director [of intelligence] [in the US Navy]

3. the big blue jar [of olives] [on the windowsill]

4. Calvin is [the [dean of humanities] and [director of social sciences]]

Flat VP Structure

VP → (AdvP+) V (NP) (AdvP+) (PP+)



what can *do-so* replacement tell you?

a. John [often sings opera loudly at church] and Mary [does so] too.

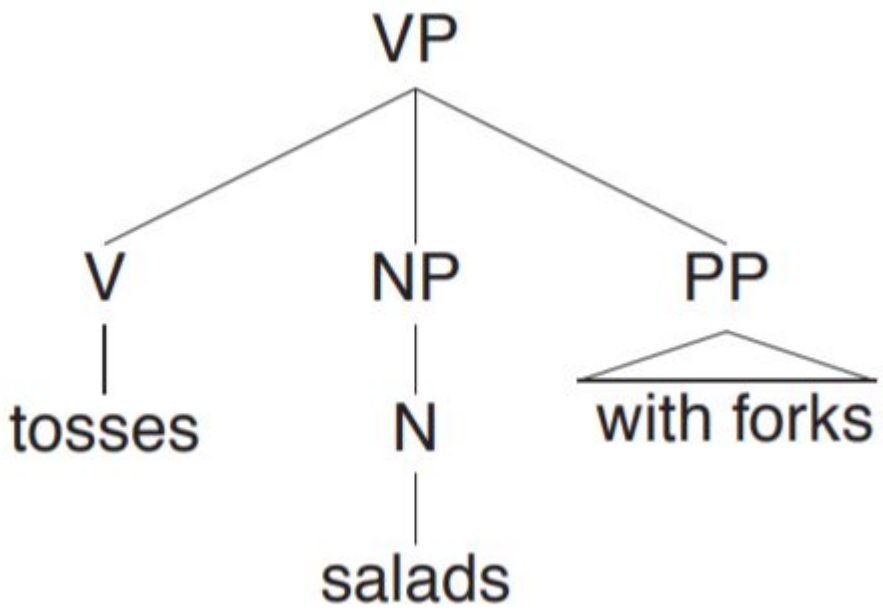
b. John often [sings opera loudly at church] and Mary frequently [does so] too.

c. John often [sings opera loudly] at church but Mary rarely [does so] in the library.

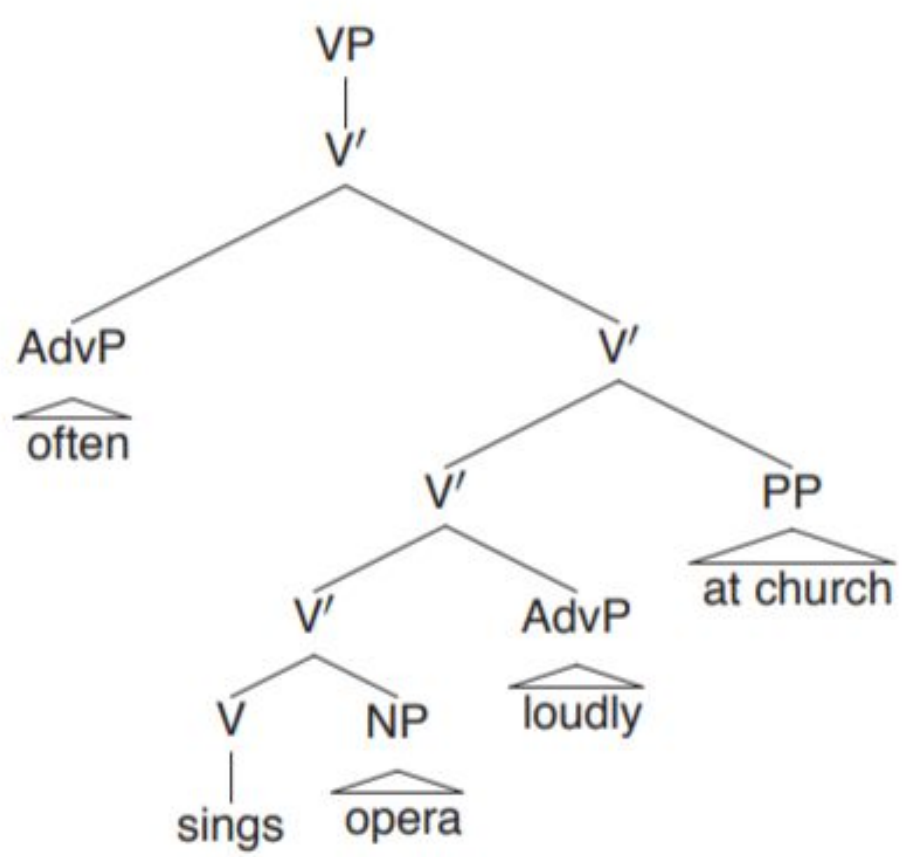
d. John often [sings opera] loudly at church but Mary rarely [does so] quietly in the library.

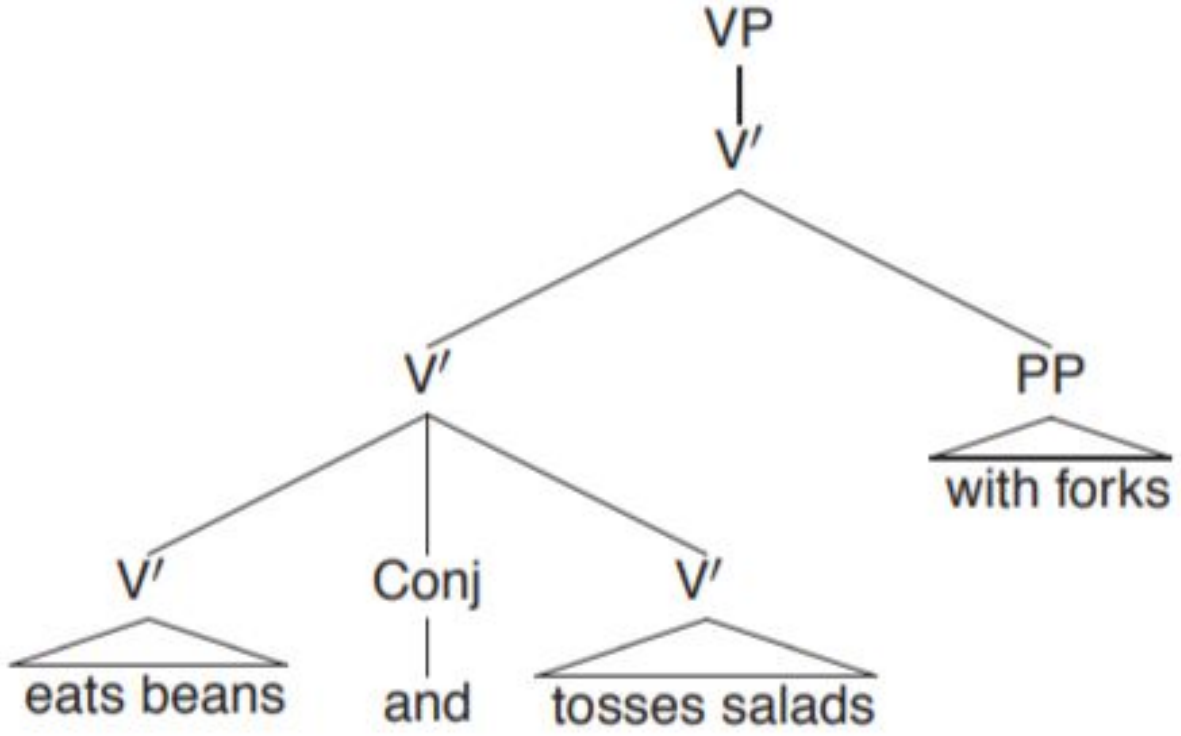
Think about this sentence

(1) The chef [eats beans] and [tosses salads] with fork.



- V (V-bar) to refer to the intermediate projections in VP.





X-bar theory & VP

Draw trees for these phrases with X-bar theory

(a) threw meatballs at the wall with a spoon on Tuesday

(b) drinks in the morning every day

(c) often eats spinach ice-cream in front of me

(d) seldom eagerly performs her exercises after supper

X-bar theory:
specifier, adjunct, complement

- which node represents adjunct?
- which node represents complement?
- which node represents specifier?