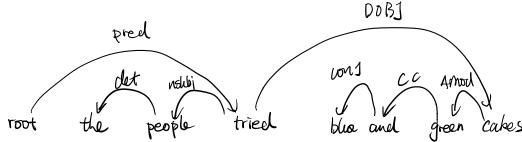
Q1.2



Q 2.1 (START, dog) = 3

(dog, eads) = 1

(eads, salad) = 1

P(dog (Start) · P(eats (dog)) · P(salads | eqts) · P(End | salads)

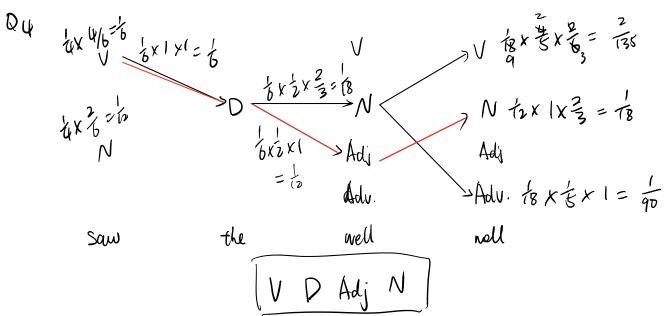
= 
$$\frac{3+1}{6+6}$$
 ·  $\frac{1+1}{3+6}$  ·  $\frac{1+1}{6+1}$ 

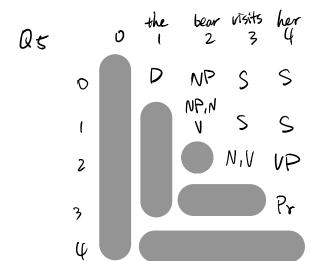
=  $\frac{1}{3} \times \frac{2}{9} \times \frac{7}{9} \times \frac{7}{7} = \frac{3}{170} \times 0.047$ 

Count S.E:  $\frac{4}{5+9}$  ·  $\frac{2}{3+9}$  ·  $\frac{2}{9}$  =  $\frac{32}{15246} \times 0.00209$ 

[clroot, I(\beta, \beta) \shift (\cappalaterneq 12, drank | \beta, \beta) \text{ (of drank, water | \beta, \beta) \text{ shift} (\cappalaterneq 12 of lank, water | \beta, \beta) \text{ shift} (\cappalaterneq 12 of lank, water | \beta, \beta) \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ (of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta, \beta) \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta) \text{ shift} (\cappalaterneq 12 of lank, \beta, \beta, \beta, \beta) \text{ shift} (\cappalaterneq 12 of lank, \beta, \b

If | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A |





06 S 
$$\rightarrow$$
 NP VP 1.0

NP  $\Rightarrow$  John .6

V2  $\Rightarrow$  snoved  $\frac{1}{3}$ 

VP  $\Rightarrow$  VI SBAR  $\frac{1}{3}$ 

NP  $\Rightarrow$  Sally  $\frac{1}{6}$ 

V2  $\Rightarrow$  ran  $\frac{1}{3}$ 

VP  $\Rightarrow$  VP APVP  $\frac{1}{3}$ 

NP  $\Rightarrow$  Bill  $\frac{1}{3}$ 

VP  $\Rightarrow$  V2  $\frac{1}{3}$ 

VI  $\Rightarrow$  said  $\frac{1}{3}$ 

ADVP  $\Rightarrow$  Gradly  $\frac{1}{3}$ 

SBAR  $\Rightarrow$  COMP S I VI  $\Rightarrow$  checkered  $\frac{1}{3}$ 

ADVP  $\Rightarrow$  quickly  $\frac{1}{3}$ 

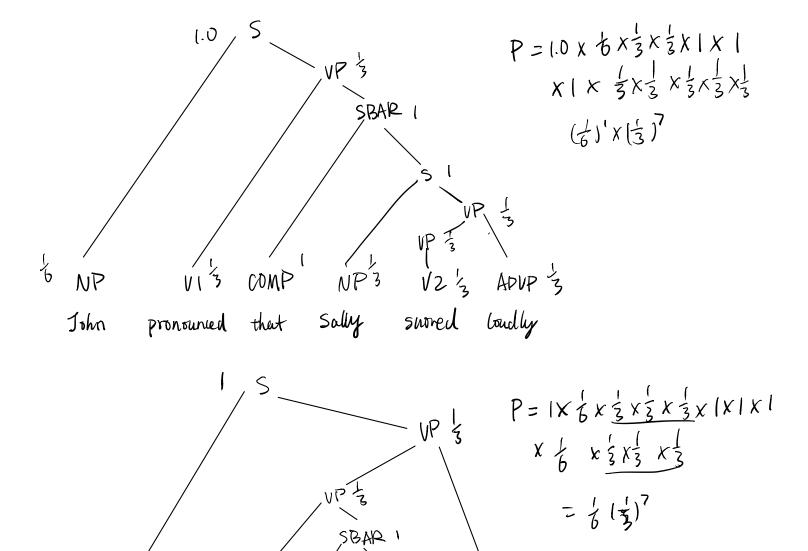
NP  $\Rightarrow$  Jeft  $\frac{1}{6}$ 

VI  $\Rightarrow$  pronounced  $\frac{1}{3}$ 

ADVP  $\Rightarrow$  elegantly  $\frac{1}{3}$ 

NP  $\Rightarrow$  Fred  $\frac{1}{6}$ 

COMP  $\Rightarrow$  that 1.0



COMP

pronounced that Sally

NP

John

NPÉ

swored