LINGUIST 130A/230A
Section 3

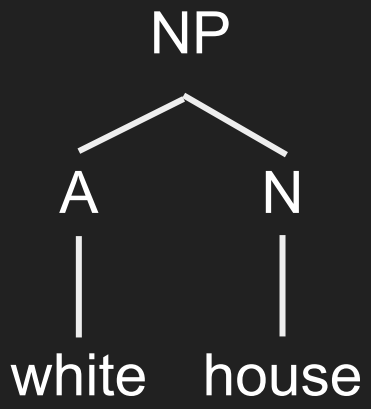
Monday, January 24th

Today’s Agenda

1. Compounds
2. Function Application / Lambda Calculus
3. Attendance
4. Questions

Noun Compounds

Modifier-heads	vs.	Compounds
First word acts as an adjective	vs.	Nouns



Black bird

Blackbird

Noun Compounds – Central Hypotheses

Event-related modifier hypothesis

- Time
- Method

Essence-related modifier hypothesis

- Perceptual
- Environmental

Function Application

f(x)= 2x+4

f(x)(3) = f(3)=2(3)+4=10

λx(2x+4)

λx(2x+4)(3) = 2(3) + 4 = 10

*λxλy(*T if *x* < *y*, else F) (3)(4)

*λyλx(*T if *x* < *y*, else F) (3)(4) = *λx(*T if *x* < *4*, else F)(3)

= T if *3* < *4*, else F = T

*λyλx(*T if *x* < *y*, else F) (3)(4)

*λxλy(*T if *x* < *y*, else F) (3)(4) = *λy(*T if *4* < *y*, else F)(3)

= T if *4* < *3*, else F = F

Attendance and Practice