

LING-UA 1 *Language*
Syntax, FRH Ch. 3

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10 Washington Pl, #104

Week 4 3:30PM, 29 September 2025

Logistics

- ▶ **HW4:** tonight @ 10PM!
 - ▶ No triangles on A & B!
- ▶ **Exam 1:**
 - ▶ Tuesday, 7 October, class time
 - ▶ Discovering patterns, Morphology (I-II), Syntax (I-IV), and Meanings (I-II)
 - ▶ Focus on Anna's Slides

JACKSON PETTY

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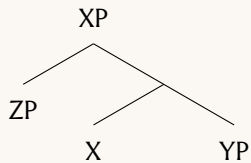
Language

Course ID	LING-UA 1
Semester	Fall 2025
Lecture	Tuesdays & Thursdays, 2:00 PM–3:15 PM. Room 401, Silver Center (31 Washington Pl).
Recitation	Mondays, 3:30 PM–4:45 PM, with Jackson. Room 104, Arthur L. Carter Hall (10 Washington Pl).
Office Hours	Fridays, 2:00 PM–4:00 PM, with Jackson. Room 507, Arthur L. Carter Hall (10 Washington Place).
	Book 1:1 Meeting
Feedback	Submit anonymous feedback here .

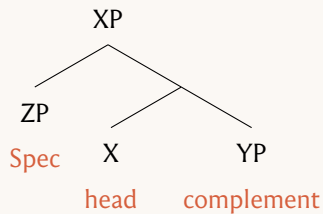
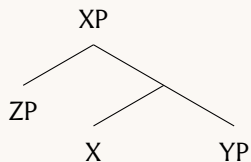
Figure: 1:1s and feedback :)

Questions from HW/Lecture?

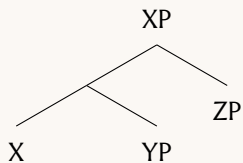
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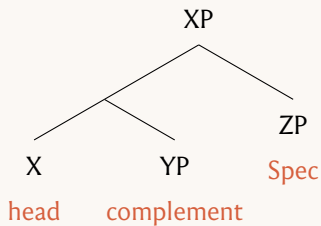
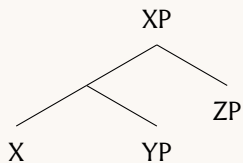
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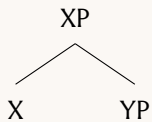
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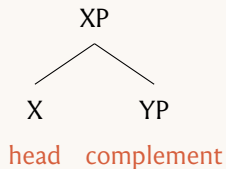
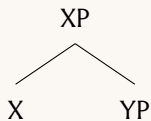
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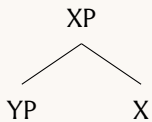
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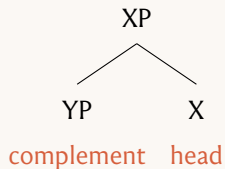
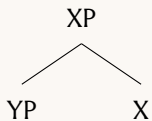
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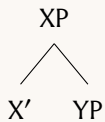
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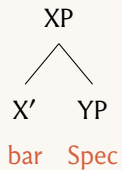
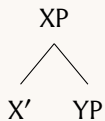
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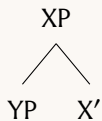
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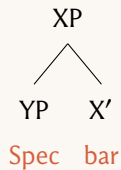
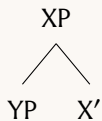
X-Bar Structure Labeling



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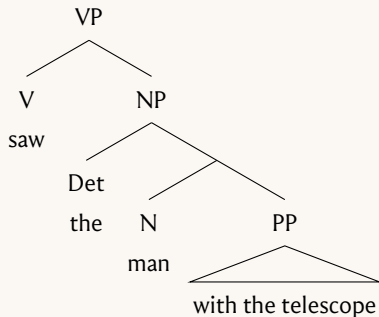
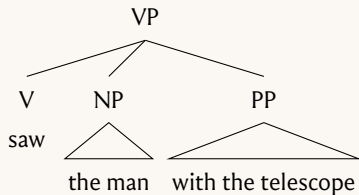
X-Bar Structure Labeling



Guidelines for ID'ing structures

- ▶ Figure out the kind of phrase, then find the head
- ▶ Consider the linear order
- ▶ Consider the *role* of each constituent
- ▶ Some useful patterns:
 - ▶ Subjects are in SpecVP, Objects in CompVP
 - ▶ Determiners are in SpecNP, PP modifiers are in CompNP
- ▶ Meaning follows from structure
 - ▶ Modifiers modify structural siblings!
- ▶ **HW: Let's allow non-binary branching!**

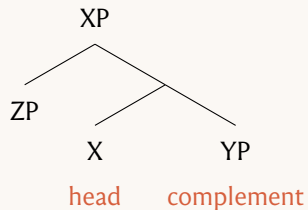
Meaning & Structure



Linguistic Universals

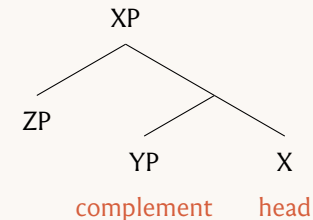
- ▶ **Observation:** Seemingly unrelated phenomena seem to pattern together
- ▶ **Hypothesis:** Grammars have a small # of 'parameters' which influence multiple downstream phenomena
 - ▶ If true, *some* phenomena will predict other phenomena

Universal: Headedness



Head \prec Complement

Head-initial

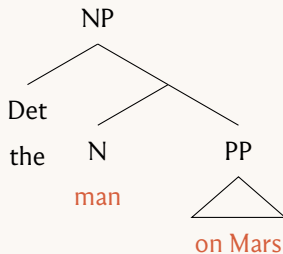
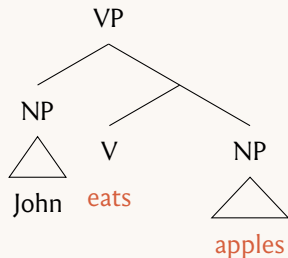


Complement \prec Head

Head-final

Universal: Headedness

- ▶ Note that *headedness* is phrase-agnostic!
- ▶ E.g., head-initial implies *both* of these structures:



What do Universals predict?

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