



Chapter 6

How the Grammar Works
(continued)

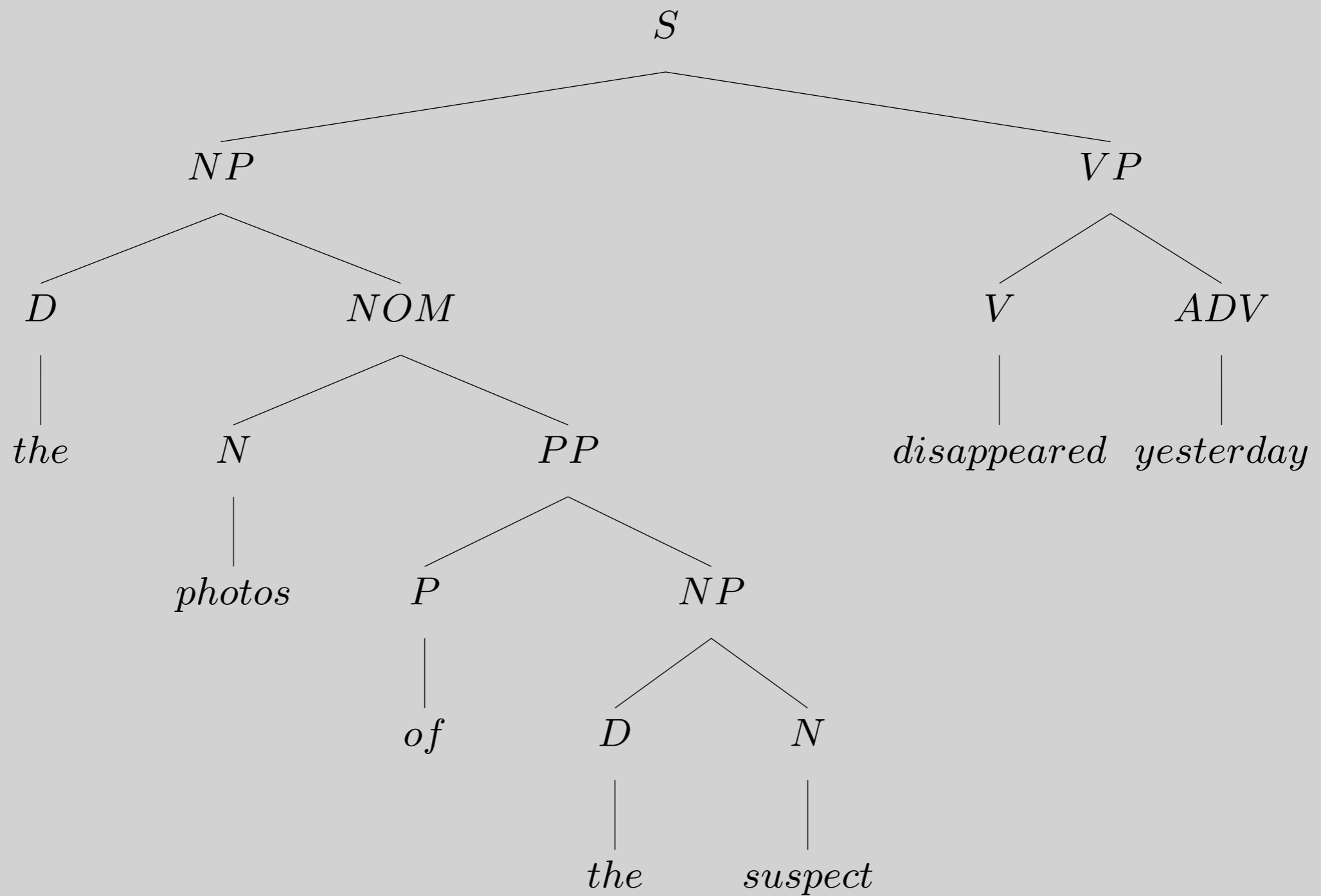
Midterm

- Available today at 5PM on course website
 - I'll email you a reminder when it's posted
- Covers material from ch.1-7 (light on 7)
- Start early!
- No collaboration or discussion allowed
- Use the grammar from the chapter where the problem occurred

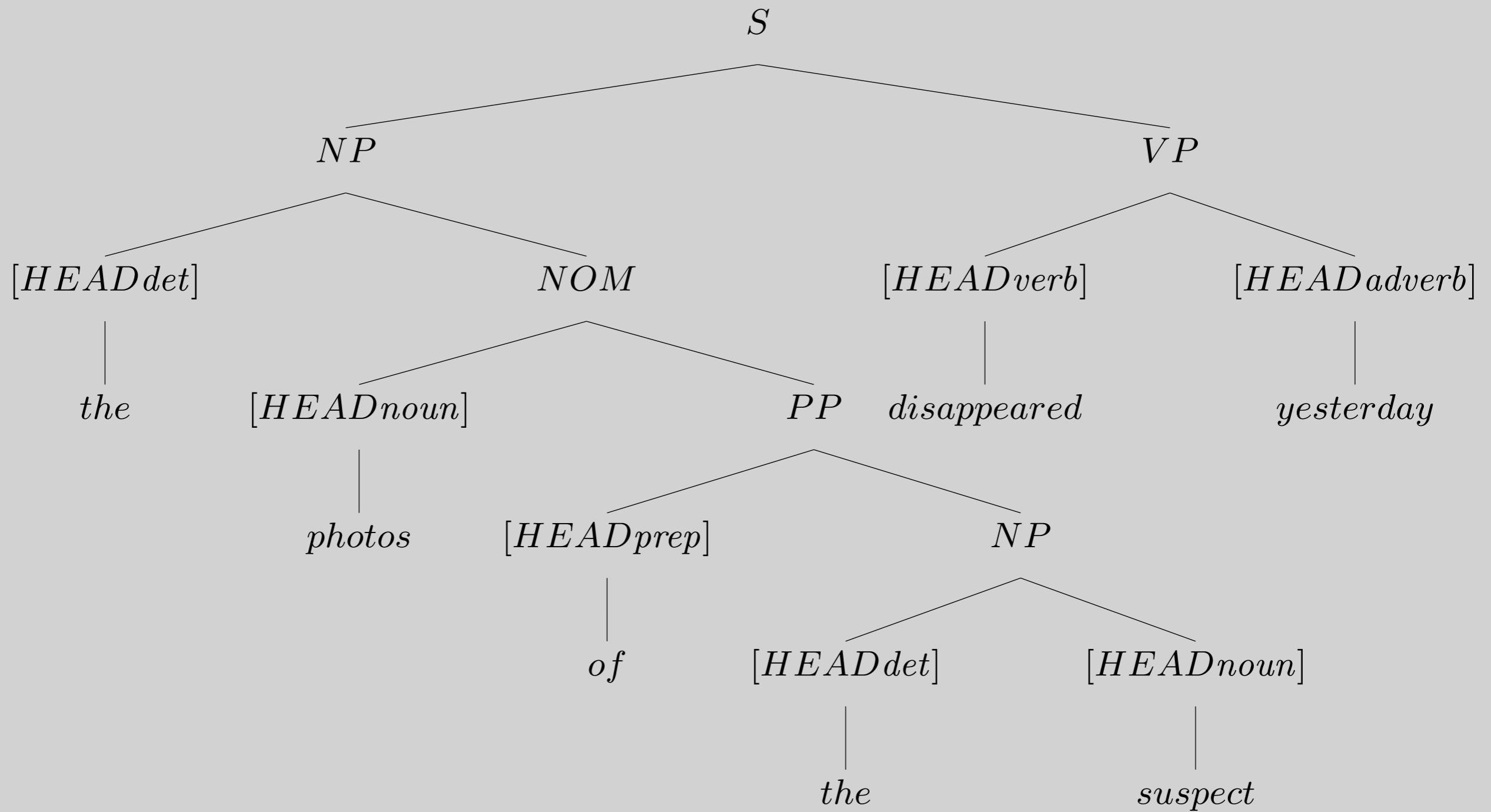
Reminder: The Grammar Components

- Grammar rules: licenses local tree structures
- Initial Symbol: specifies what top node must be
- Lexical entries: list distributional & semantic properties of words
- Type hierarchy: characterizes ontology and geometry of feature structures
- Principles: Well-formedness conditions on feature values across nodes in trees

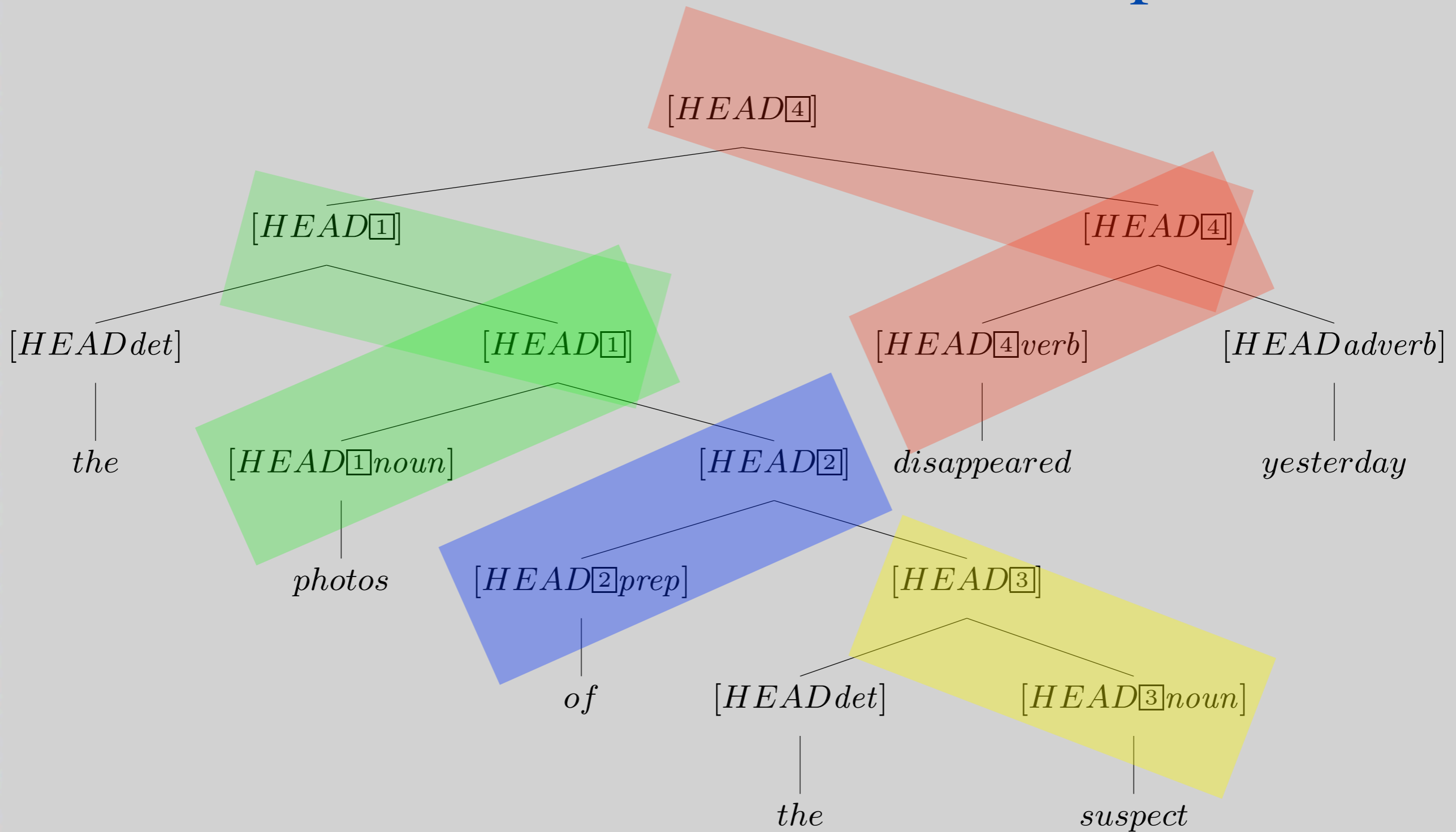
An Example



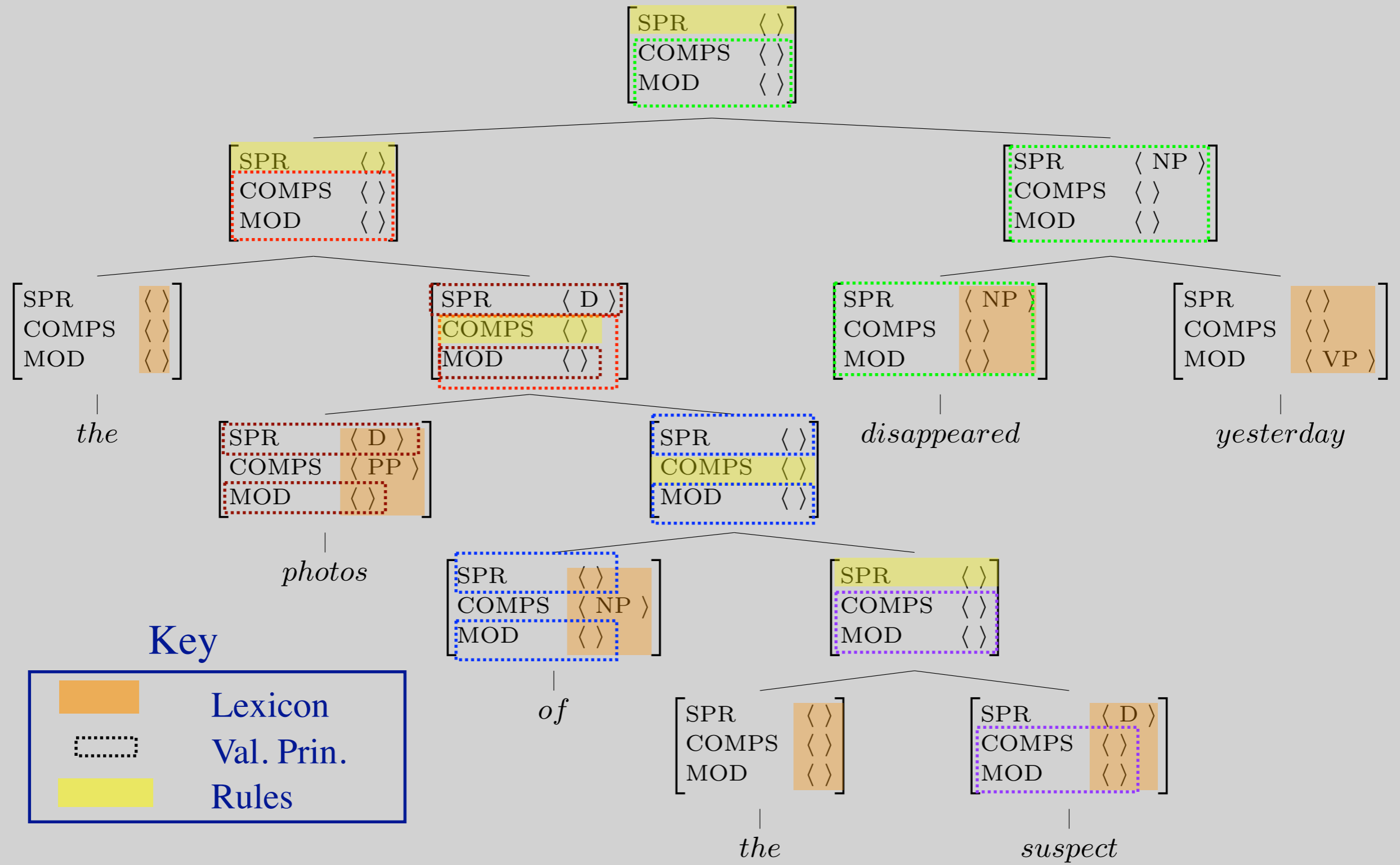
Head Features from Lexical Entries



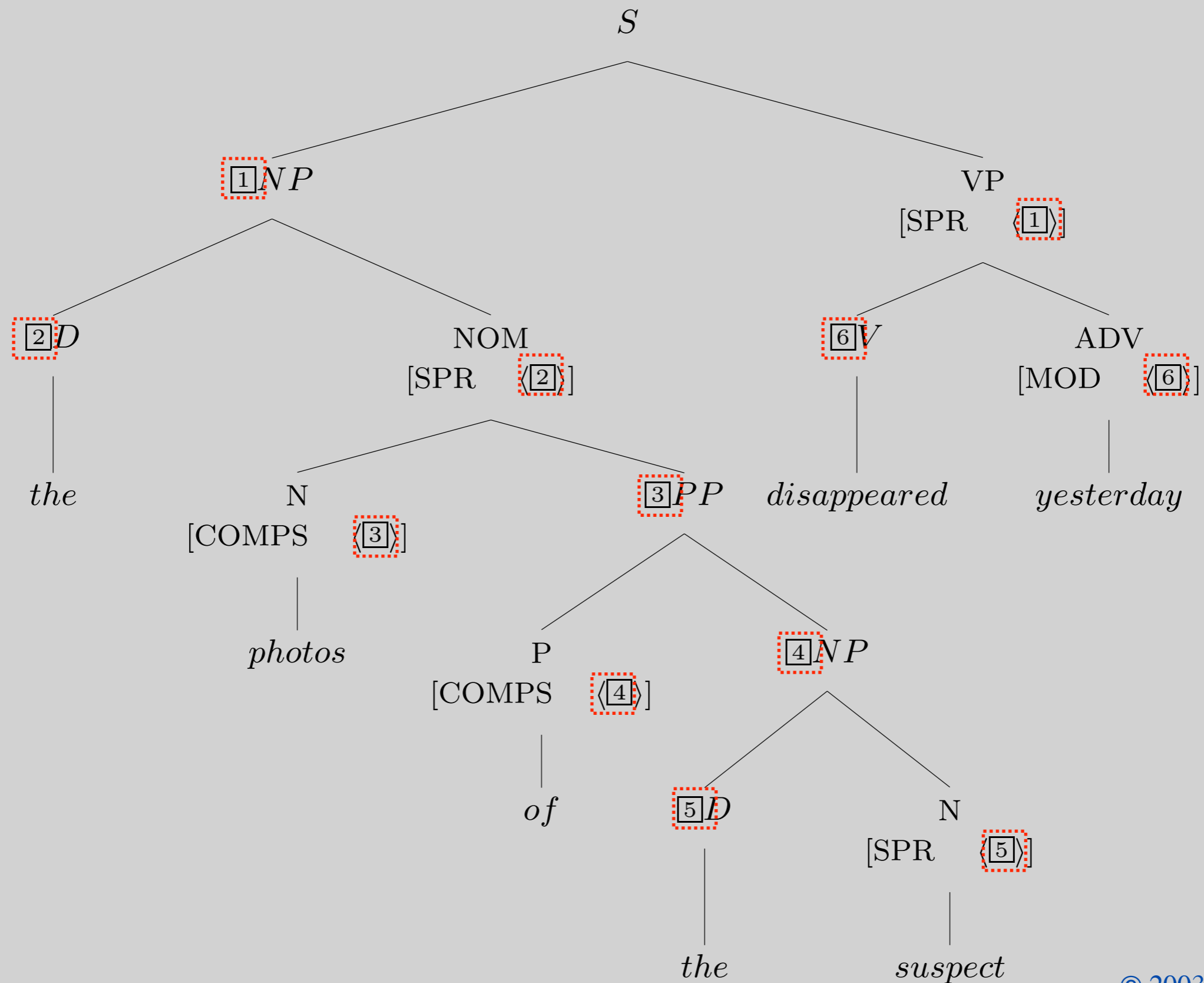
Head Features from Lexical Entries, plus HFP



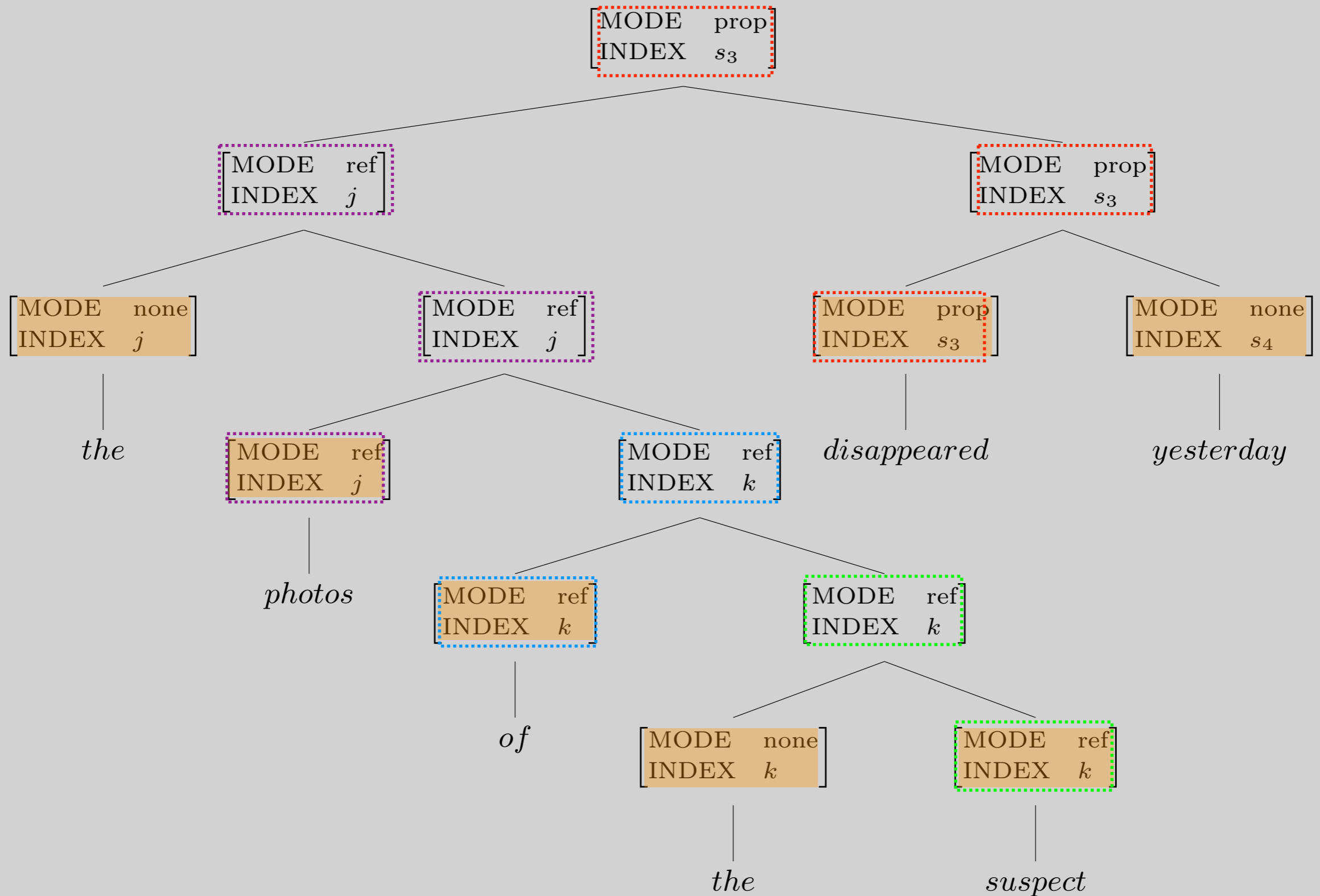
Valence Features: Lexicon, Rules, and the Valence Principle



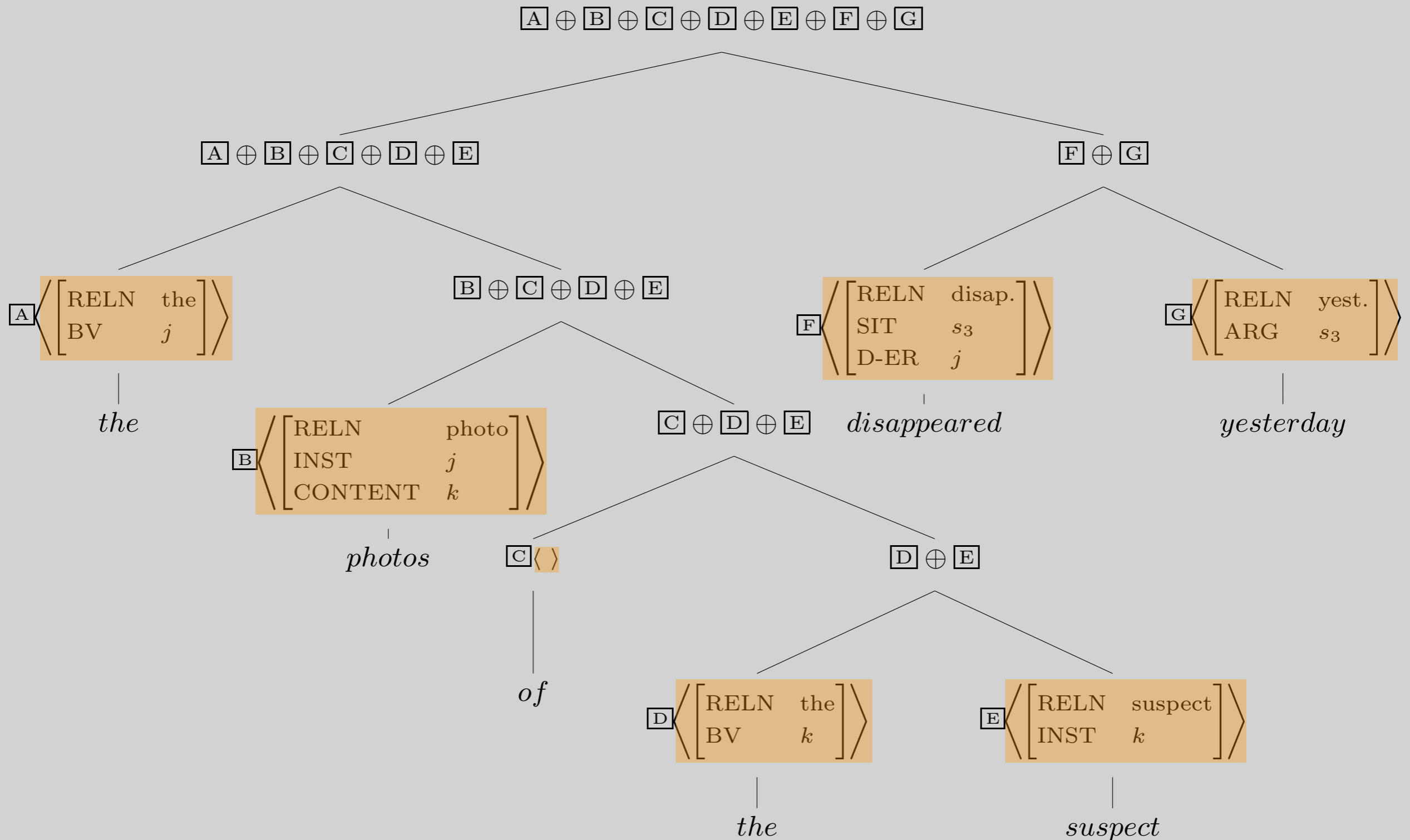
Required Identities: Grammar Rules



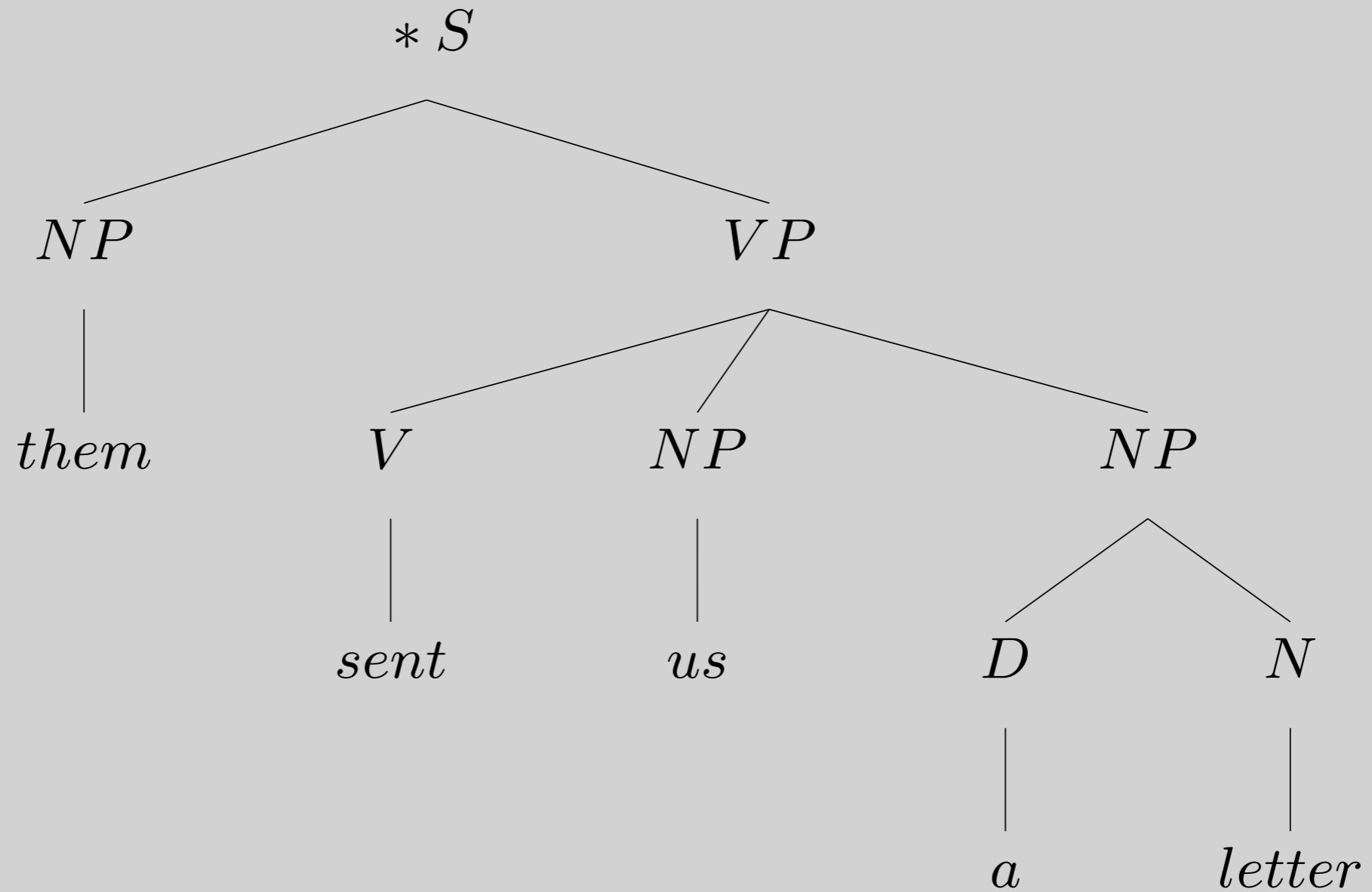
Two Semantic Features: the Lexicon & SIP



RESTR Values and the SCP

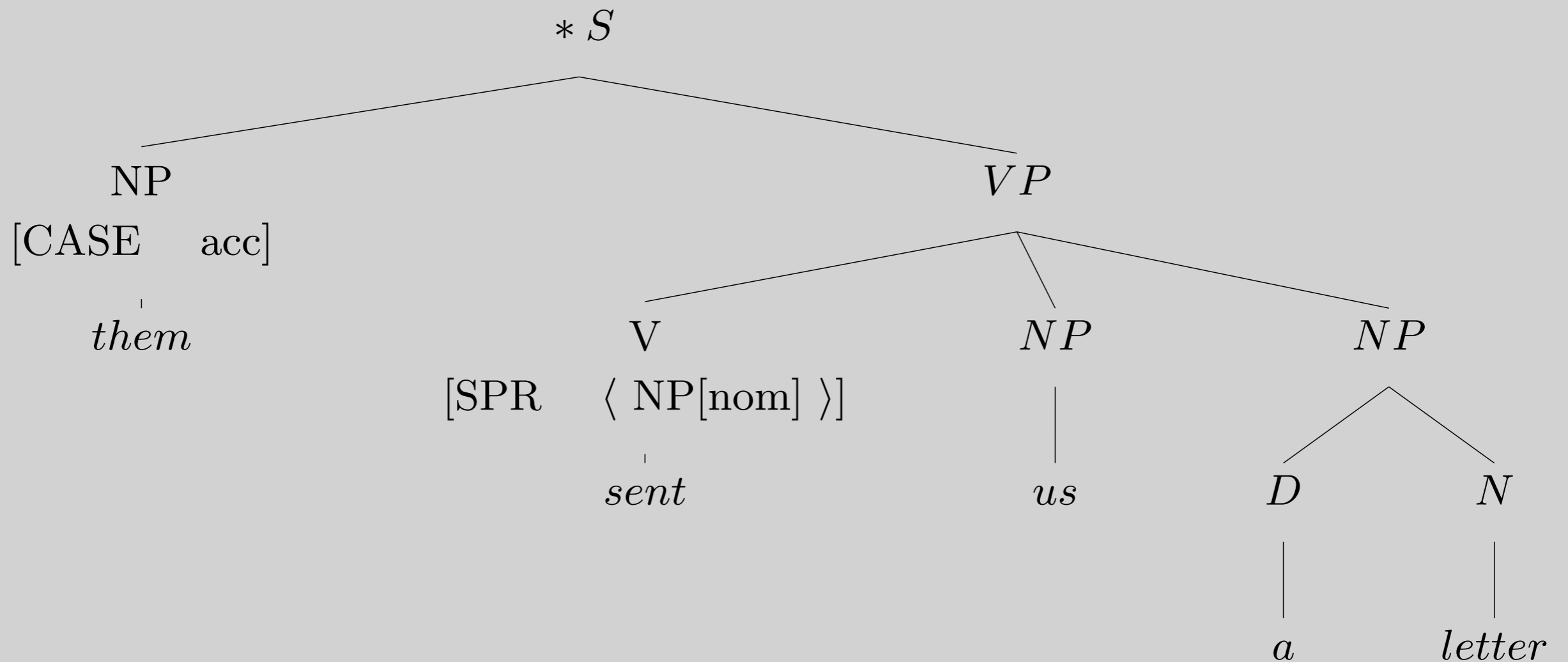


An Ungrammatical Example



What's wrong with this sentence?

An Ungrammatical Example

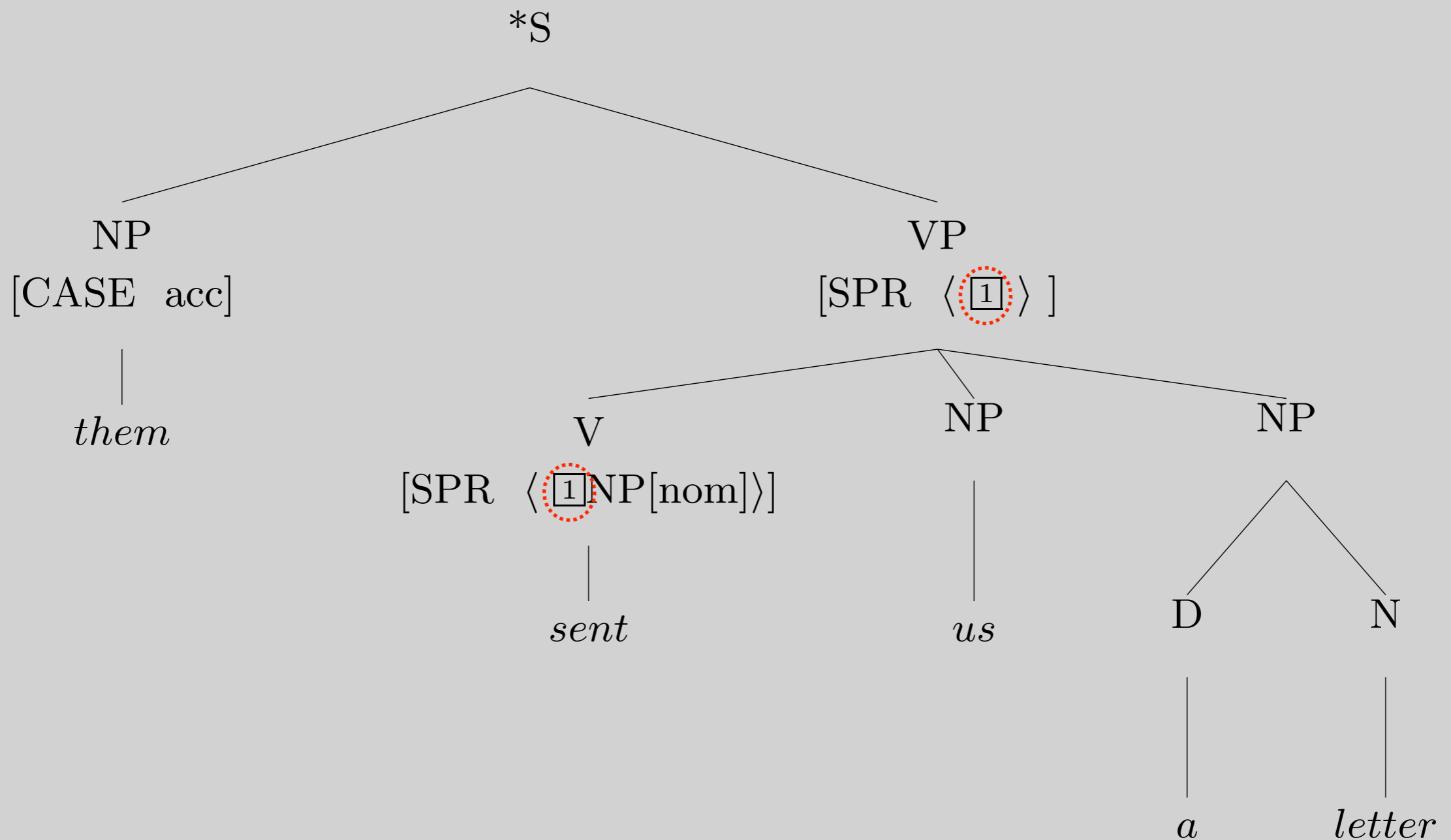


What's wrong with this sentence?

So what?

An Ungrammatical Example

The Valence Principle



An Ungrammatical Example

Head Specifier Rule

