



Your examples:

She was talking Turkey/turkey

R1: She is talking about Turkey(?)

R2: She is talking frankly.

Lexical ambiguity of the word T/turkey

The Panda eats shoots and leaves.

R1: The Panda eats, shoots, and leaves.

R2: The Panda eats [shoots and leaves].

R3: The Panda [[eats shoots] and leaves] structural ambiguity: coordination of 3 verbs or coordination of 2 nouns, coorination of "eats shoots" and "leaves"

lexical amb.: shoots, leaves

She knew she was in danger.

R1: She_1 knew she_1 (hersefl) was in danger.

R2: She_1 knew she_2 [someone else] was in danger.

referential amb.

Two firemen estinguished a fire.

R1: Two firemen together estinguished a fire.

R2: Each of the firemen estinguishes a fire on his own.

collective/distributive amb.

A woman is maternal by nature.

R1: A woman in general (i.e. each woman) is maternal.

R2: A particular woman is maternal ...

lexical amb./referential amb.:

"a" talks about a generic individual (individuals of a particular kind) (R1)

"a" talks about an arbitrary individual (R2)



English history teacher

R1: teacher of Engl. history: [[Engl. history] teacher]

R2: an English teacher of history [English [history teacher]] structural amb.

[What you wrote] is not clear to me.

R1: Free relative clause: The thing that you wrote is not clear to me.R2: embedded interrogative: It is not clear to me what you wrote.structural amb.

Michal Jordan is a big player.

R1: MJ is a tall player. R2: MJ is a good player lexical ambiguity

Spanish:

MJ es un jugador grande. MJ es un gran jugador.

Waiting for Godot Characters: Vladimir Estragon Pozzo Lucky A boy (Godot)

What do we need in our model?

- individuals, objects, ...
- relations
- · properties







1 structure, 2 readings: scope amb., collective/distri. amb, referential amb. 2 structures but the same meaning: Lucky gave the basket to Pozzo. Lucky gave Pozzo the basket. The basket was given to Pozzo by Lucky.











truth values: true/ false 1/0

Logic			
names: vladimir estragon pozzo lucky			
predicate symbols: be-homeless1			
own2 be-friends2			
formulae: be-homeless1(estragon)			
own2(pozzo,lucky)			
be-homeless1(pozzo)			



Language	Logic	World
proper noun	name symbol	individual
VP, common noun, adjective,	predicate symbol	relation/property
sentence	formula predicate symbol+right n of name symbos	truth values (proposition) umber

For next week

- Our literary scenario: see the links in the wiki: https://www.lexical-resource-semantics.de/wiki/index.php/ Semantics_1,_WiSe_2016/17_(Sailer)
- Towards a formal model:
 - > Watch the video and work on the questions of the wiki section for week 3
 - > Read Levine et al. (in prep.), Chapter 2, Section 1 [available on olat].
- Create your own model. Use:
 - > three characters from our scenario
 - > define two 2-place relations
 - > define two properties
- Make one true statement and two false statements that can be checked with respect to your model.

