## Semantic types

Umut Özge

COGS 543: Computational Semantics METU, Informatics

D = { 1, 1, -- } NL -> LF -> Model

Syntax Model Heareh

Senentics model Heareh

interpolation I: Cn -s Pan (D) semantic types T = {e, +}

entity truth-value. d ED are of type e. Jé -> d327e Sleeps' => (di!)

characteristic function of a set.

Set of provinces

1. e and t are types 2. if a and B are types, so is <d, B>. 3. Noting else is a type (e,t) et (e,(e,t)) e(e+) ((e,t),t) ((e+)t) ((t,t),(e,t)) +t(et) eit v (e,t) V 1+,+> V cct, to, e) ~ ((+,+), (e, (e, +)))) V