**Preposition supersenses**: semantic functions/thematic roles marked by English prepositions (Schneider et al., 2015)

**Comprehensive annotation**: manually tagged all preposition tokens & types

**Analysis** of distribution of semantic functions

**Corpus** release

Prepositional **polysemy** is rampant.

They ran **to** the roof **for** a quick escape.

**Destination**  **Purpose**

They made **for** the roof **to** escape the cops.

Linguists group together related functions with terms like “locative”. Based on (Schneider et al., LAW 2015), we apply a hierarchy of 75 **supersenses** for comprehensive annotation of English prepositions in a 55,000 word corpus of web reviews.

The English Web Treebank Reviews corpus had already been analyzed for **comprehensive multiword expressions** (Schneider et al. 2014) and **noun and verb supersenses** (Schneider & Smith 2015).

**Multiword preposition**

*Because of the ants* I dropped them.

I was told to take my coffee before I finish it.

**Special (non-supersense) labels**:

\[d = \text{discourse}\]

\[t = \text{infinitival complement}\]

**Idiomatic PPs**

The ants I dropped them

If I finish it.

Average prices **of** dollars **on** crowns etc.

**PropBank analysis**

**Preposition supersenses**

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