

# Probabilistic modeling of pragmatic processing and utterance production

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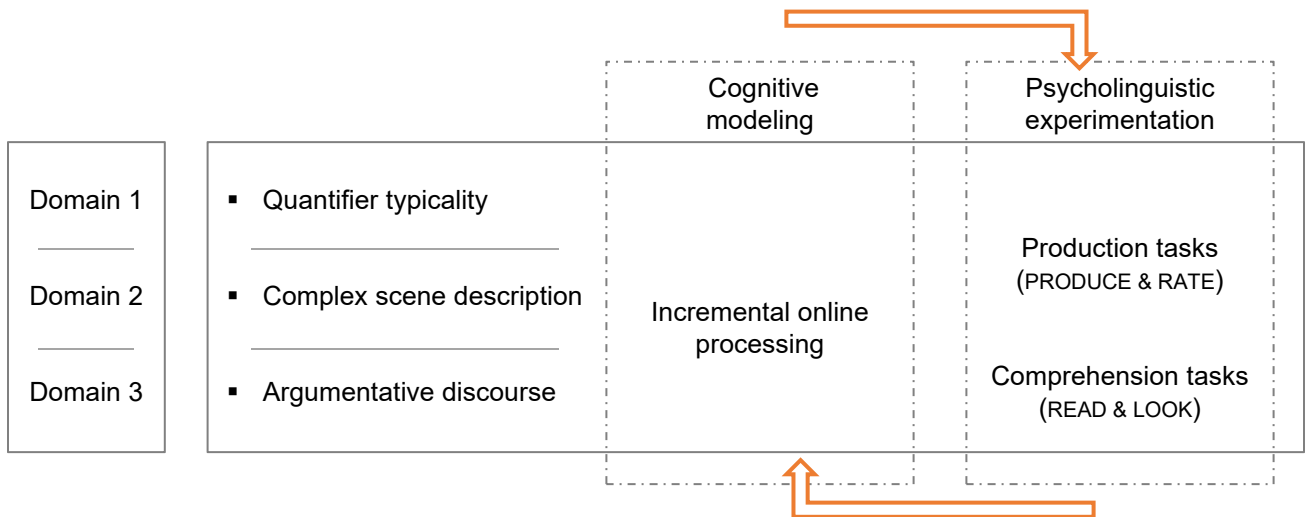
## Background

### Communicative expectations + contextual information + linguistic input

- Formal theory of online pragmatic processing - probabilistic pragmatics (Franke & Jäger, 2016; Goodman & Frank, 2016)
  - Offline behavior - reference games (Franke & Degen, 2016)
- Constraint-based account of pragmatic processing (Degen & Tanenhaus, 2015) - communicative efficiency

How do contextual factors influence the production of complex referring expressions and how do these affect incremental pragmatic processing?

## Empirical approach

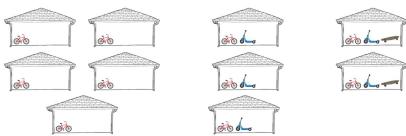


## Experimental domains

### Quantifier typicality

### Complex scene description

### Argumentative discourse



of these garages  
some an insane amount  
cars have all in them  
there are contain many  
are located in scooters  
these garages

