Language

Comprehension

Spoken Input

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Problems of Speech Perception

Representations

Recognition of Words

- Lexical access
- Lexical selection
- Lexical integration
Cohort Model

Context: They always obey their...
Input: /c/ /a/ /p/ /a/ /i/ /n/

Context
- When does linguistic context influence word processing, before or after lexical access and lexical selection?
- Modular models
- Interactive models
- Hybrid models
- Zwisterlood (1989)

Syntax
Phrase Structure

- Sentence $\rightarrow$ noun phrase + verb phrase
- Noun phrase $\rightarrow$ (article) + (adjective) + noun
- Noun phrase $\rightarrow$ pronoun
- Verb phrase $\rightarrow$ verb + noun phrase
- Verb phrase $\rightarrow$ verb + prepositional phrase
- Verb $\rightarrow$ auxiliary + verb
- Prepositional phrase $\rightarrow$ preposition + noun phrase

Parsing

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Sentence
  /\   /
Noun Phrase        Verb Phrase
  |    |
  Article Noun Verb Noun Phrase Prepositional Phrase
    |      |
    The spy saw the cop with binoculars
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Parsing

Münte et al. (1998)