



# Shift Happens: A Review of Topic Change During Conversation

LOL Lab

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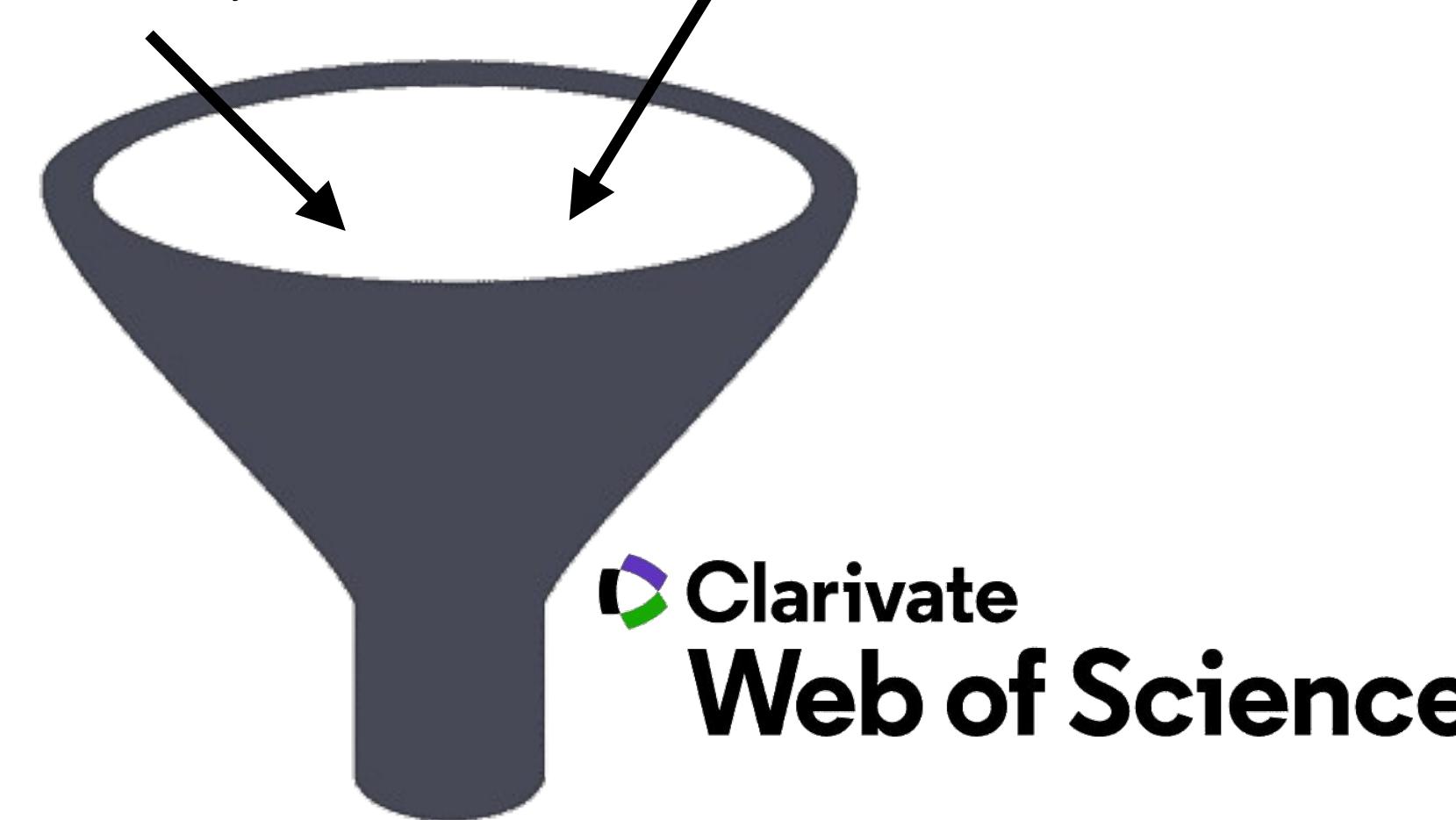
Language Of Learning Lab  
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## Poster Overview:

- Topics dynamically change over time – influencing the direction of conversation
- Studying the complexity of discourse patterns is crucial to understanding perceptions of communication success
- Studying topic change is difficult due to a wide variety of theoretical lenses, methodologies, & analytical techniques
- To address this, I conducted a systematic review on how changes in topics are defined and assessed across a variety of sub-fields and mediums

## Method:

**Topic Term Layer:**  
(e.g., topic boundary, topic transition, topic shift, topic change, topic drift, topic flow) + **Conversation Layer:**  
(i.e., conversation, talk)



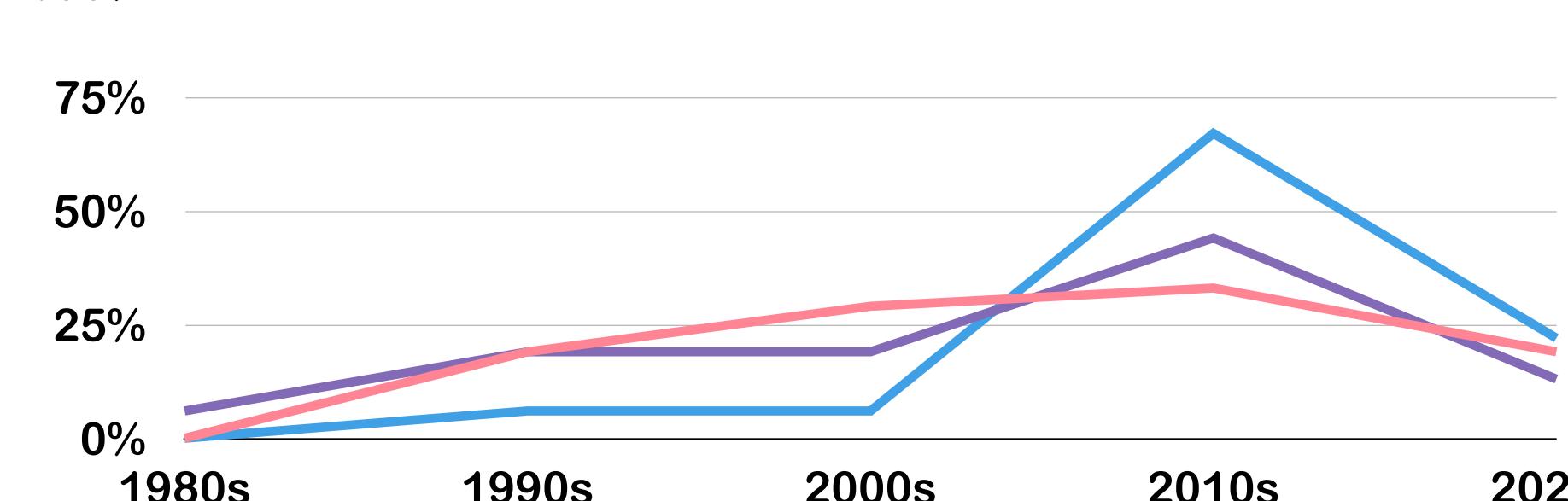
Results in 253 total papers

101 papers not relevant

97 papers remain to be analyzed

This poster covers 55 papers

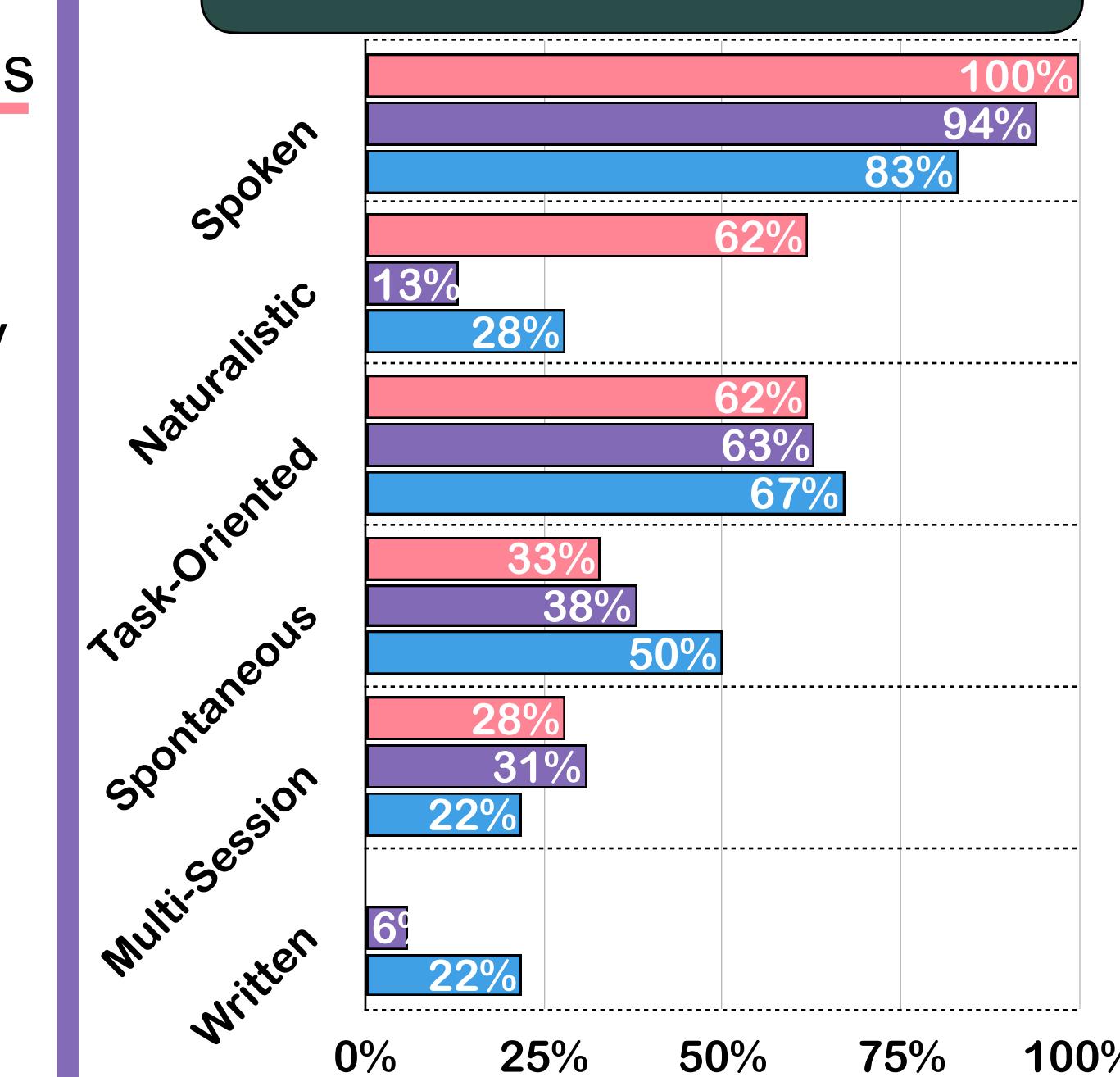
### Breakdown of Methodologies Over Time



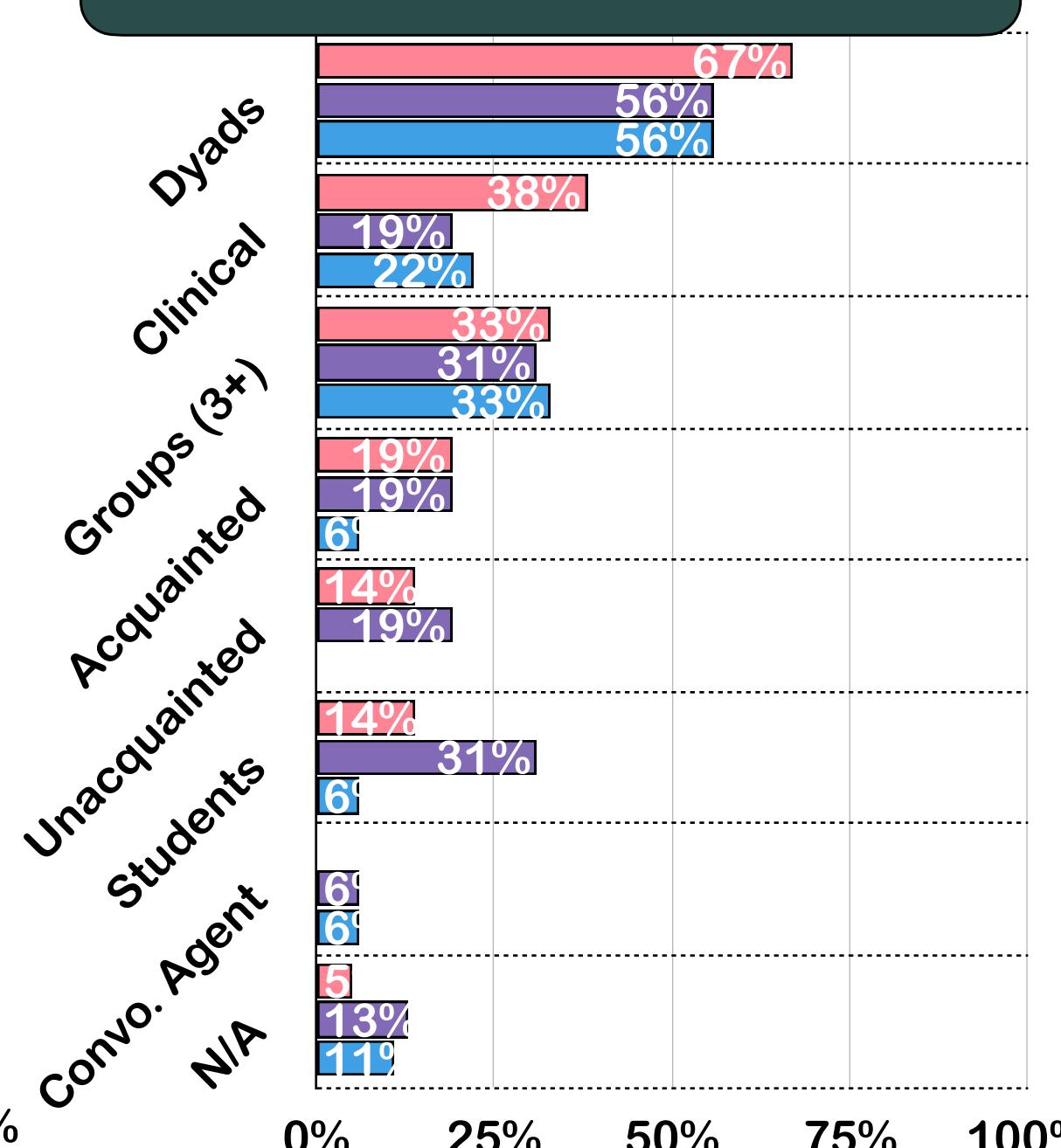
## Shifting Typologies

- Disjunctive Transition (x5):** the attempted topic changes are not gradual but have clear boundaries [8]; work to disengage the forthcoming turn from being tied or connected to, or coherent with, its prior turn [26]; usually introduce a markedly different matter to the one discussed previously and are therefore radical topic changes [55]; make no attempt to relate the new topic to the previous topic, switching abruptly to the new topic without acknowledging the previous topic [42]
- Stepwise Transition (x5):** gradual changes achieved by the use of a conversational 'pivot' which is related to what has gone before but also adds something new, which is then taken up as the topic [6]; current topic merges almost imperceptibly into the next, in a seamless "stepwise" progression [26]; without any boundary transitions from one topic to another [50]
- Topic Shift (x4):** an outright topic shift using transition markers or shading devices [28]; used to signal lack of interest in the current speaker and the topic [47]; when topic shifts to another related but different topic or subtopic [54]; the topic sequence under discussion is the source for the introduction of a new topic [21]
- Explicit Topic Shift (x3):** a segment that contained all the necessary semantic elements for its complete comprehension [32]; marked, bounded topic shifts [50]
- New Topic (x3):** current utterance introduces a new topic [13]; a topic that has not occurred previously in the conversation [21]; any topic shift made by the subject from the current topic of discussion to one that had not been discussed [49]
- Topic Insert (x3):** an (often) abrupt shift that does not succeed in gaining the topical floor [15, 32]; in which the speaker inserts a new topic within the framework of a previous one [28]
- Topic Shading (x3):** introduces a new topic by first establishing its relevance to or connection with the topic that has been on the floor [15, 32]; analogous to stepwise transitions [55]

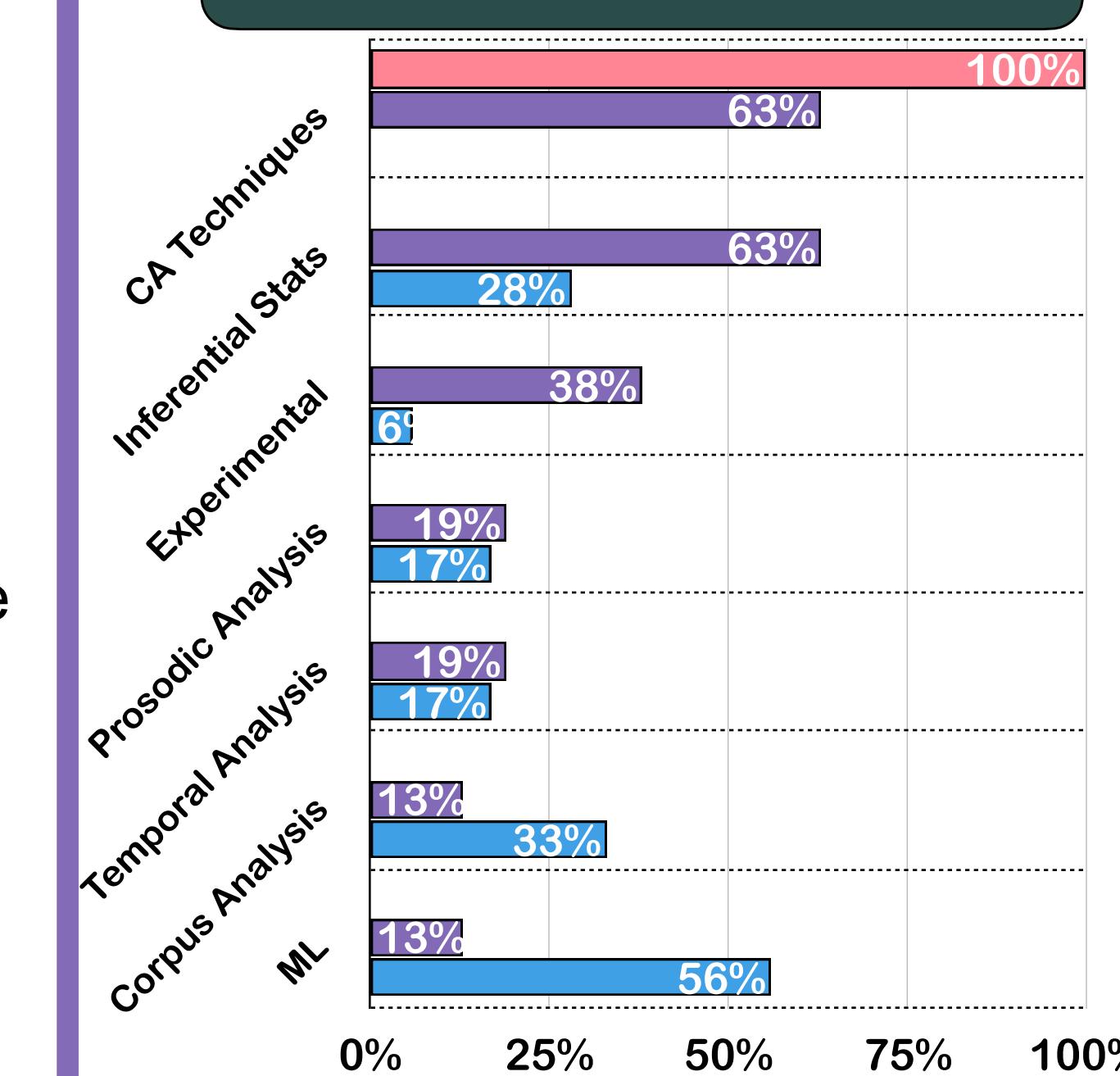
## What type of discourse is used?



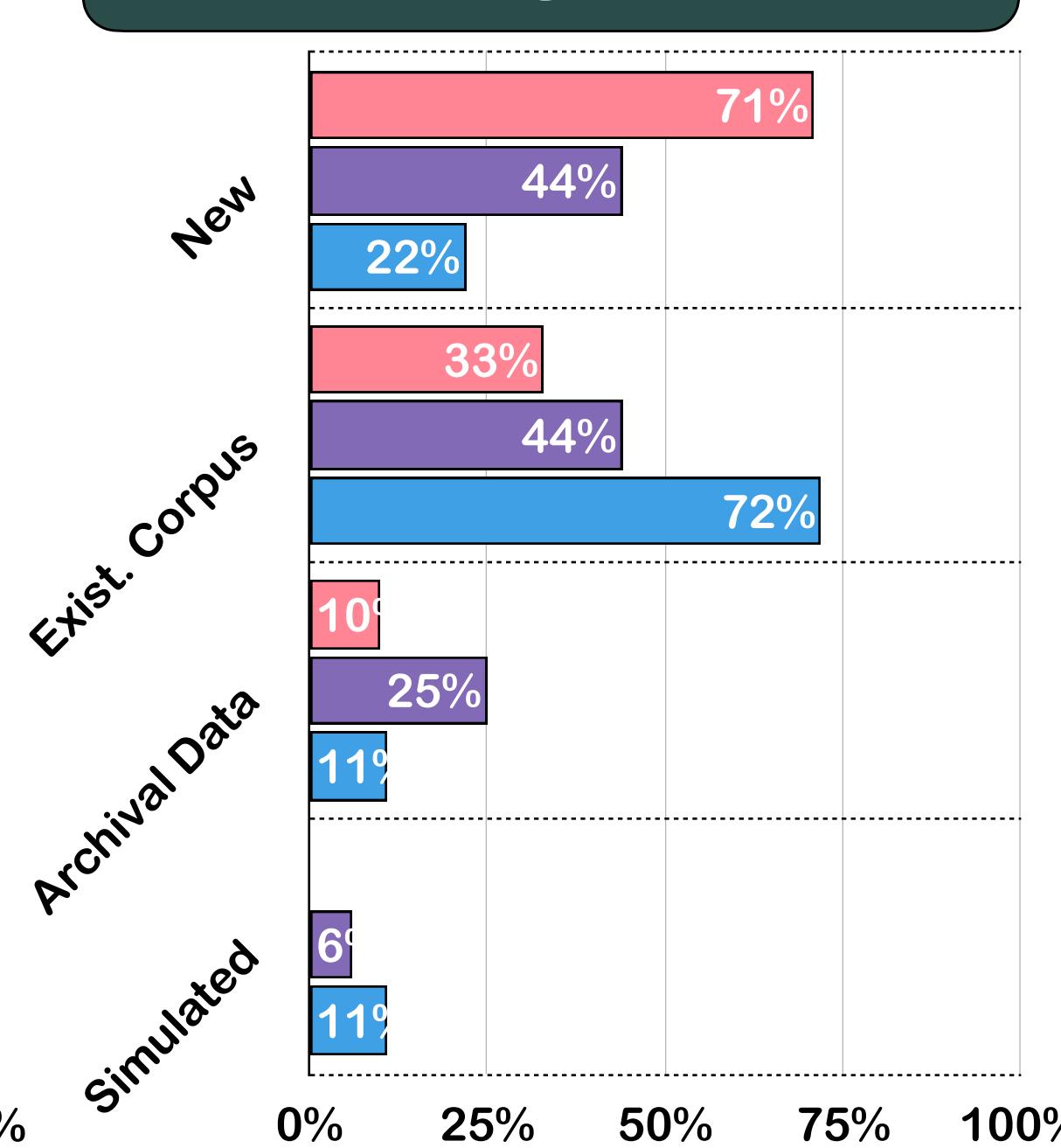
## What populations are used?



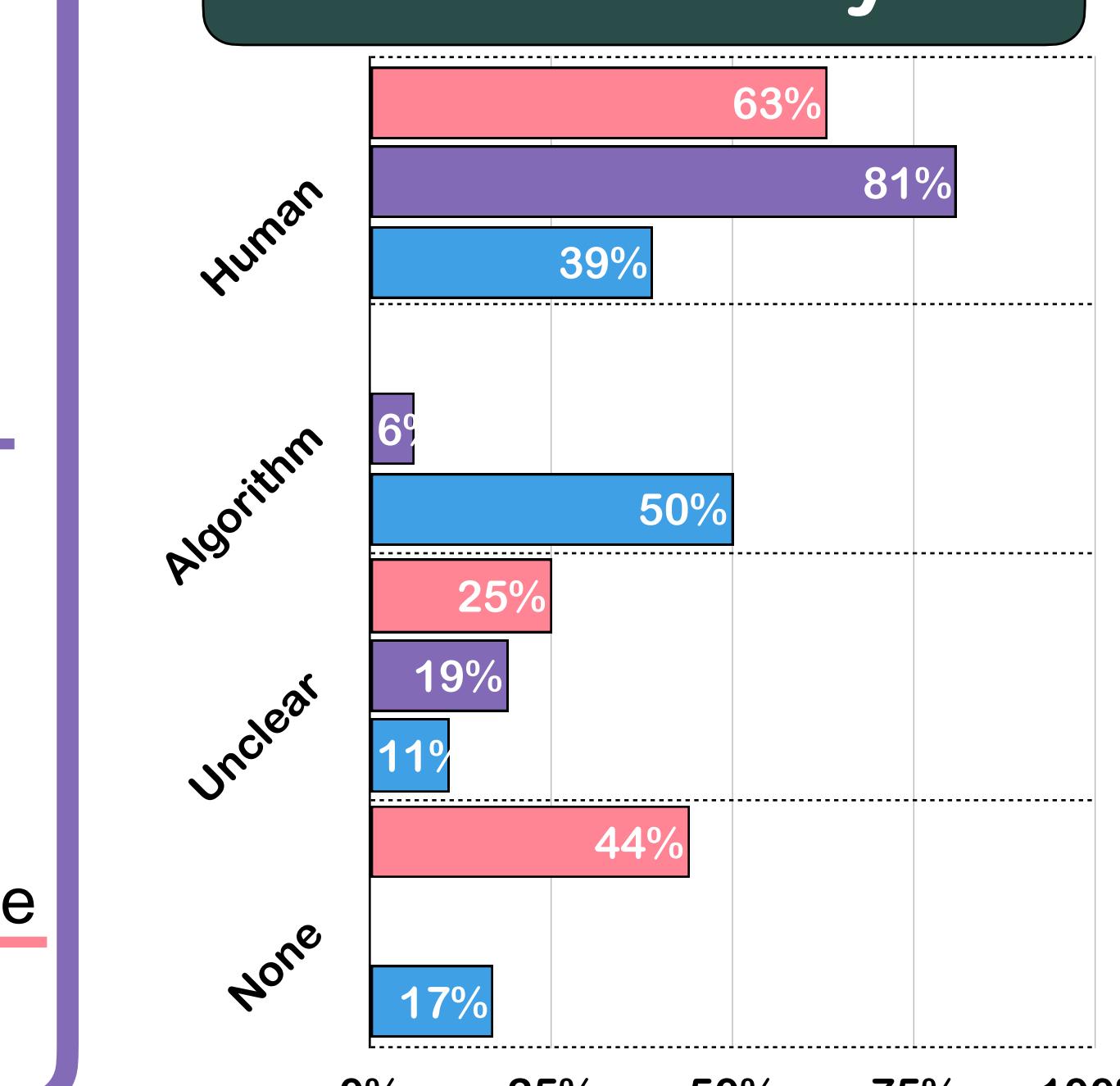
## What analytical methods are used?



## Where is the data coming from?



## Who are shifts annotated by?



## What fields do this work?

