

Narrative Cloze Task: Experiment 1

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Experiment

The narrative cloze task is a common evaluation task for script induction. I would like to understand humans' performance on the narrative cloze task.

In this task, participants read stories involving a particular entity. One of the events the entity is involved in is left blank. Participants are asked to fill in this blank with a plausible completion.

Demographics and attention checks

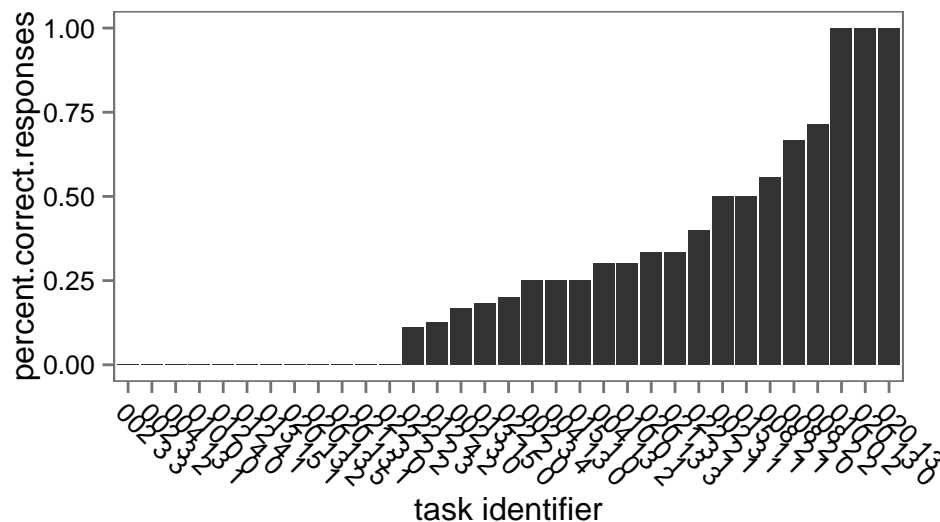
Average completion time was 6 minutes.

3 participants were excluded for failing an attention check.

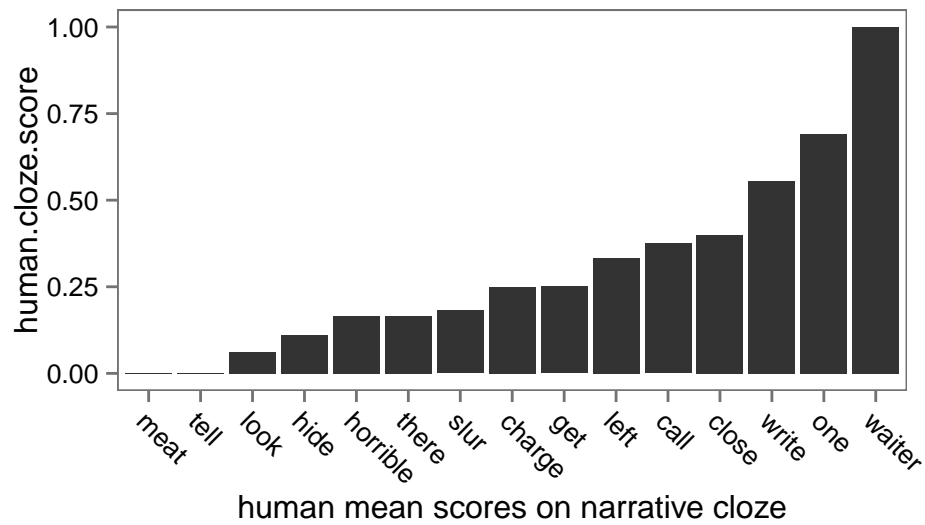
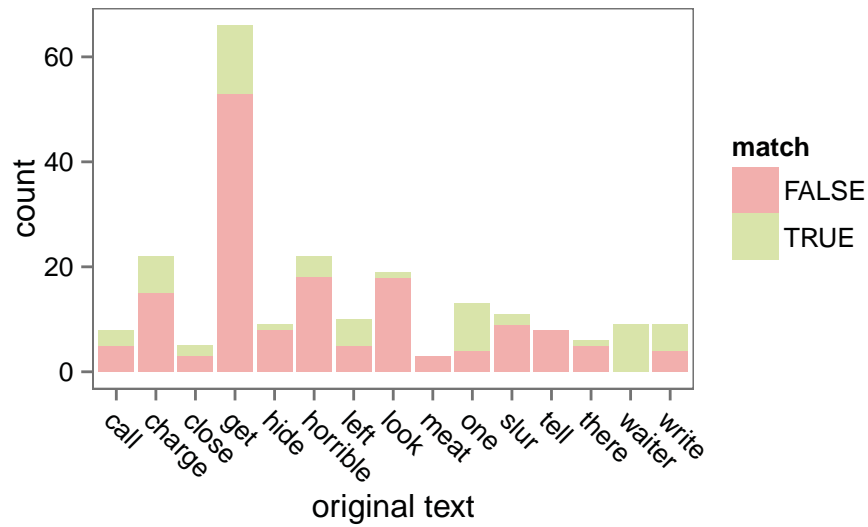
Exploratory results

How do people do on the narrative cloze task?

The average percent correct responses on a narrative cloze task is 28% (when using synonyms and paring down to minimal caveman speak).



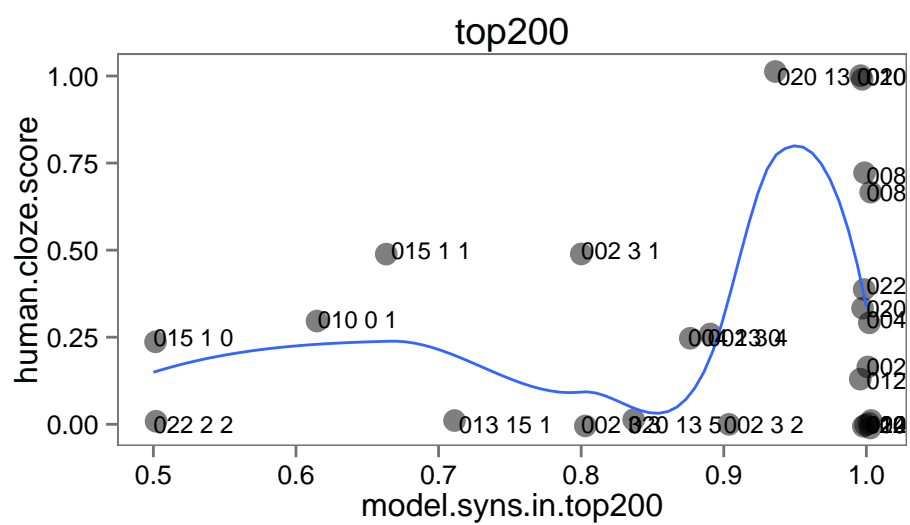
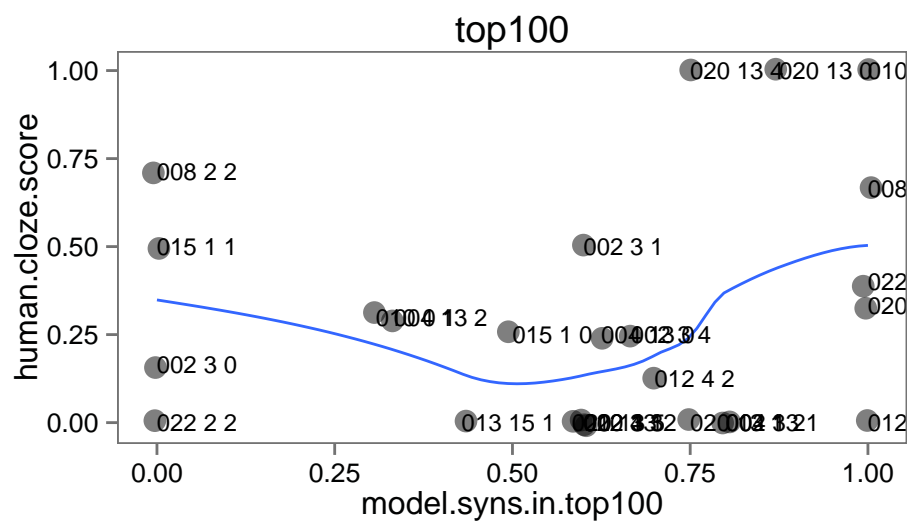
Some words are easier for people to fill in than others (several cloze tasks had the head word ‘get’, which is why there are so many).



How much do people tend to agree with one another?

I'm taking the "entropy" of the distribution that people give back and dividing by n as a measure of disagreement. So a completely uniform distribution where every participant gives a different response from every other participant will have disagreement value of 1 and an agreement value of 0. A distribution where every participant gives the same response will have an agreement value of 1.

Across all the cloze tasks, agreement is peaked at 0.



References