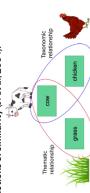
Re-Examining Cross-Cultural Similarity Judgments Using Lexical Co-Occurrence

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BACKGROUND:

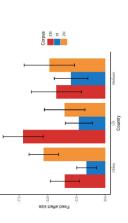
Cross-cultural differences in reasoning about similarity have been attributed to different notions of similarity (Ji et al, 2004).



- by cross-cultural variation in the statistics of the Alternatively, these differences could be shaped
- difficult to measure, word co-occurrence can While statistics of everyday experience are provide a rough proxy.

- similarity judgements for 105 triads (as above). 1. Participants from the US, China, and Vietnam (n=200, 200, 199 respectively) made 2AFC
 - occurrence (English, Mandarin, Vietnamese) Used linear mixed-effects models to test whether language-specific corpus cocan predict similarity judgements.

- We replicate differences in similarity judgments between the US and China, but these do not extend to our US-Vietnam comparison.
- similarity judgments in China and the US.





Cross-cultural differences in

reasoning about similarity may

reflect variation in the statistics of

the environment across cultural

contexts.





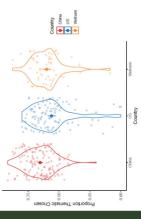
while the converse is true for Vietnamese and Mandarin Chinese corpora, as well as matching by For instance, "cow" and "chicken" co-occur more frequently than "cow" and "grass" in a corpus of English, and participants in the US preferentially match cow and chicken in our similarity task, participants in Vietnam and China.



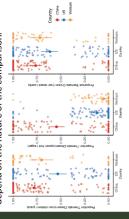


VARIATION ACROSS CULTURES

participants preferred thematic matches, while China comparison but do not extend it to the We replicate this effect of country in our US-European Americans preferred taxonomic. Previous research found that Chinese US-Vietnam comparison.



This effect varies across stimuli and might depend on the nature of the comparison.



UNIVERSAL TENDENCIES

We find strong evidence for consistency across the corpus models, highly similar responding in the experiment, and correspondingly high fit in cross-language comparisons between models the three groups: sizeable correlations across

