





fine-grained. So they don't generalize enough.

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Code: https://github.com/vered1986/NC\_embeddings Contact: vereds@allenai.org

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Thanks for listening! The code is available and you can contact me if you have any questions.

In another experiment, we tried to see if we can use the noun compound vector to predict whether it holds a certain property or not - for example, is a cheese wheel round or not? The paraphrase-based representations performed best. **a** 6

**Property Prediction** 

\* Based on McRae Feature Norms

best. Dist Add FullAdd Matrix LSTM Cooc Backtrans

(McRae et al., 2005).

\* Paraphrase-based performs

Again, they have limited generalization ability. They predict that kidney stone is a weapon based on the other noun compounds with w2=stone in the data...

