### On the unreasonable shallowness of natural language

AKA Adding up word embeddings works far too well

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We like to think language is very complicated

This is what we do, and complicated models publish well.

#### and sometimes it is

#### but sometimes it isn't

# and often it looks like it is complicated but isn't

## algoirthims for weighted collocation matrix factorization.

SkipGram etc. are basically iterative