

Evaluating Word Embeddings: Intrinsic Evaluation

Intrinsic evaluation allows you to test relationships between words. It allows you to capture semantic analogies as, “France” is to “Paris” as “Italy” is to <?> and also syntactic analogies as “seen” is to “saw” as “been” is to <?>.

Ambiguous cases could be much harder to track:

⚡ **Ambiguity**

“wolf” is to “pack” as “bee” is to <?> → swarm? colony?

Here are a few ways that allow to use intrinsic evaluation.

Test relationships between words

- Analogies
- Clustering
- Visualization

