

Bag of Words (BoW) Context

Australian scientist discovers star with telescope

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Syntactic Dependency Context

Australian scientist discovers star with telescope

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Syntactic Dependency Context



Embedding Similarity with Different Contexts

| Target Word | Bag of Words (k=5) | Dependencies |
|-------------------------------------|--|--|
| Hogwarts (Harry Potter's school) | Dumbledore hallows half-blood Malfoy Snape | Sunnydale Collinwood Calarts Greendale Millfield |

Related to
Harry Potter

Schools

Embedding Similarity with Different Contexts

| Target Word | Bag of Words (k=5) | Dependencies |
|--------------------------------|---|--|
| Turing (computer scientist) | nondeterministic non-deterministic computability deterministic finite-state | Pauling Hotelling Heting Lessing Hamming |

Related to
computability

Scientists

Embedding Similarity with Different Contexts

| Target Word | Bag of Words (k=5) | Dependencies |
|---------------------------|--|---|
| dancing (dance gerund) | singing dance dances dancers tap-dancing | singing rapping breakdancing miming busking |

Related to
dance

Gerunds