

Translating **Embeddings** for Modeling Multi-relational Data

Antoine Bordes, Nicolas Usunier, Alberto García-Durán, Jason Weston, Oksana Yakhnenko • NIPS • 2013

We consider the problem of **embedding** entities and relationships of multirelational data in low-dimensional vector spaces. Our objective is to propose a canonical model which is easy to train,... [\(More\)](#)

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Improving Document Ranking with Dual **Word Embeddings**

Eric T. Nalisnick, Bhaskar Mitra, Nick Craswell, Rich Caruana • WWW • 2016

This paper investigates the popular neural **word embedding** method Word2vec as a source of evidence in document ranking. In contrast to NLP applications of word2vec, which tend to use only the input... [\(More\)](#)

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Negativity **Bias** , Negativity Dominance , and Contagion

Paul Rozin, Edward B. Royzman • 2001

We hypothesize that there is a general **bias**, based on both innate predispositions and experience, in animals and humans, to give greater weight to negative entities (e.g., events, objects, personal... [\(More\)](#)

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Discovering **word** senses from text

Patrick Pantel, Dekang Lin • KDD • 2002

Inventories of manually compiled dictionaries usually serve as a source for **word** senses. However, they often include many rare senses while missing corpus/domain-specific senses. We present a... [\(More\)](#)

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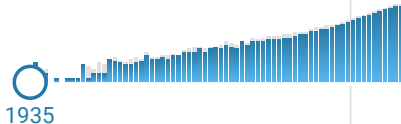
Problems With Evaluation of **Word Embeddings** Using **Word Similarity Tasks**

Manaal Faruqui, Yulia Tsvetkov, Pushpendre Rastogi, Chris Dyer • *ReNEval@ACL* • 2016

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Understanding the Origins of Bias in Word Embeddings

Marc-Etienne Brunet, Colleen Alkalay-Houlihan, Ashton Anderson, Richard S. Zemel • ArXiv • 2018

The power of machine learning systems not only promises great technical progress, but risks societal harm. As a recent example, researchers have shown that popular **word embedding** algorithms exhibit... [\(More\)](#)

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Socialized Word Embeddings

Ziqian Zeng, Yichun Yin, Yangqiu Song, Ming Zhang • IJCAI • 2017

Word embeddings have attracted a lot of attention. On social media, each user's language use can be significantly affected by the user's friends. In this paper, we propose a socialized **word embedding**... [\(More\)](#)

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Learning Crosslingual Word Embeddings without Bilingual Corpora

Long Duong, Hiroshi Kanayama, Tengfei Ma, Steven Bird, Trevor Cohn • EMNLP • 2016

Crosslingual **word embeddings** represent lexical items from different languages in the same vector space, enabling transfer of NLP tools. However, previous attempts had expensive resource requirements,... [\(More\)](#)

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Specializing Word Embeddings for Similarity or Relatedness

Douwe Kiela, Felix Hill, Stephen D. Clark • EMNLP • 2015

We demonstrate the advantage of specializing semantic **word embeddings** for either similarity or relatedness. We compare two variants of retrofitting and a joint-learning approach, and find that all... [\(More\)](#)

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Linguistic Regularities in Continuous Space Word Representations

Tomas Mikolov, Wen-tau Yih, Geoffrey Zweig • HLT-NAACL • 2013

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