

PPDB 2.0: Better paraphrase ranking, fine-grained entailment relations, **word embeddings**, and style classification

Ellie Pavlick, Pushpendre Rastogi, Juri Ganitkevitch, Benjamin Van Durme, Chris Callison-Burch • ACL • 2015

We present a new release of the Paraphrase Database. PPDB 2.0 includes a discriminatively re-ranked set of paraphrases that achieve a higher correlation with human judgments than PPDB 1.0's heuristic... (More)



Quantifying and Reducing Stereotypes in **Word Embeddings**

Tolga Bolukbasi, <u>Kai-Wei Chang</u>, <u>James Y. Zou</u>, <u>Venkatesh Saligrama</u>, <u>Adam</u> Tauman Kalai • ArXiv • 2016

Machine learning algorithms are optimized to model statistical properties of the training data. If the input data reflects stereotypes and **biases** of the broader society, then the output of the... (More)



Using **word embeddings** in Twitter election classification

Xiao Yang, Craig MacDonald, Iadh Ounis · Information Retrieval Journal · 2017

Word embeddings and convolutional neural networks (CNN) have attracted extensive attention in various classification tasks for Twitter, e.g. sentiment classification. However, the effect of the... (More)



RAND-WALK: A Latent Variable Model Approach to **Word Embeddings**

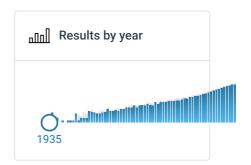
Sanjeev Arora, Yuanzhi Li, Yingyu Liang, Tengyu Ma, Andrej Risteski · 2015

Semantic **word embeddings** represent the meaning of a **word** via a vector, and are created by diverse methods including Vector Space Methods (VSMs) such as Latent Semantic Analysis (LSA), generative text... (More)

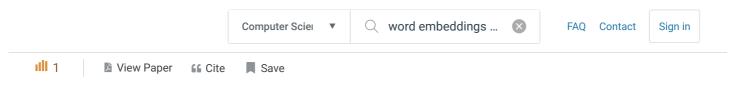


By clicking accept or continuing to use the site, you agree to the terms outlined in our Privacy Policy, Terms of Service, and Dataset License

ACCEPT & CONTINUE



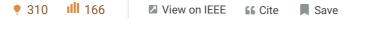




Graph **Embedding** and Extensions: A General Framework for Dimensionality Reduction

Shuicheng Yan, Dong Xu, Benyu Zhang, HongJiang Zhang, Qiang Yang, Stephen Lin · IEEE Transactions on Pattern Analysis and Machine... · 2007

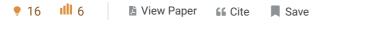
A large family of algorithms - supervised or unsupervised; stemming from statistics or geometry theory - has been designed to provide different solutions to the problem of dimensionality reduction... (More)



The Greenbergian word order correlations

Matthew Dryer • 1992

This paper reports on the results of a detailed empirical study of **word** order correlations, based on a sample of 625 languages. The primary result is a determination of exactly what pairs of elements... (More)



A Latent Variable Model Approach to PMI-based **Word Embeddings**

<u>Sanjeev Arora, Yuanzhi Li, Yingyu Liang, Tengyu Ma, Andrej</u>
<u>Risteski</u> · Transactions of the Association for Computational... · 2016

Semantic **word embeddings** represent the meaning of a **word** via a vector, and are created by diverse methods. Many use nonlinear operations on cooccurrence statistics, and have hand-tuned... (More)



LINE: Large-scale Information Network Embedding

<u>Jian Tang, Meng Qu, Mingzhe Wang, Ming Zhang, Jun Yan, Qiaozhu Mei</u> • WWW • 2015

This paper studies the problem of **embedding** very large information networks into low-dimensional vector spaces, which is useful in many tasks such as visualization, node classification, and link... (More)

| 9 341 | ıllı 234 | View on ACM | 66 Cite | Save | |
|-------|----------|-------------|---------|------|--|
| | | | | | |

Word Embeddings, Sense **Embeddings** and their Application to **Word** Sense Induction

Linfeng Song · 2016

By clicking accept or continuing to use the site, you agree to the terms outlined in our Privacy Policy, Terms of Service, and Dataset License

ACCEPT & CONTINUE

| | Computer Scie ▼ | Q word embeddings | × | FAQ Contact | Sign in |
|-------------|------------------|-------------------|---|-------------|---------|
| (1 5 6 7 > | | | | | |

Proudly built by **Al2** with the help of our **Collaborators** using these **Sources**. **Terms of Service • Privacy Policy**.

By clicking accept or continuing to use the site, you agree to the terms outlined in our Privacy Policy, Terms of Service, and Dataset License

ACCEPT & CONTINUE