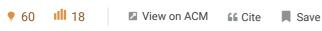


Discovering word senses from text

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)



Dynamic programming algorithm optimization for spoken **word** recognition

Hiroaki Sakoe · 1978

This paper reports on an optimum dynamic programming (DP) based timenormalization algorithm for spoken **word** recognition. First, a general principle of time-normalization is given using timewarping... (More)



Improving **Word** Representations via Global Context and Multiple **Word** Prototypes

Eric H. Huang, Richard Socher, Christopher D. Manning, Andrew Y. Ng • ACL • 2012

Unsupervised **word** representations are very useful in NLP tasks both as inputs to learning algorithms and as extra **word** features in NLP systems. However, most of these models are built with only local... (More)



Support Vector Regression Machines

Harris Drucker, Christopher J. C. Burges, Linda Kaufman, Alexander J. Smola, Vladimir Vapnik • NIPS • 1996

A new regression technique based on Vapnik's concept of support **vectors** is introduced. We compare support **vector** regression (SVR) with a committee regression technique (bagging) based on regression... (More)

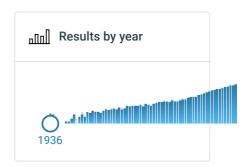


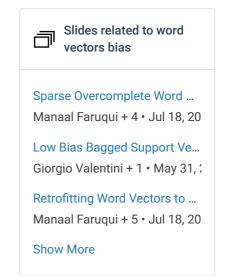
Improving Distributional Similarity with Lessons Learned from **Word** Embeddings

Omer Levy Yoay Goldhern Ido Dagan - Transactions of the Association for

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Counter-fitting **Word Vectors** to Linguistic Constraints

Nikola Mrksic, Diarmuid Ó Séaghdha, +6 authors Steve J. Young • HLT-NAACL • 2016

In this work, we present a novel counter-fitting method which injects antonymy and synonymy constraints into **vector** space representations in order to improve the **vectors**' capability for judging... (More)



Linguistic Regularities in Continuous Space **Word** Representations

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

• Neural network language model and distributed representation for words (**Vector** representation) • Capture syntactic and remantic regularities in language • Outperform state-of-the-art

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Fast training of support **vector** machines using sequential minimal optimization

John C. Platt • 1999

This chapter describes a new algorithm for training Support **Vector** Machines: Sequential Minimal Optimization, or SMO. Training a Support **Vector** Machine (SVM) requires the solution of a very large... (More)

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Finding consensus in speech recognition: **word** error minimization and other applications of confusion networks

Lidia Mangu, Eric Brill, Andreas Stolcke · Computer Speech & Language · 2000

We describe a new framework for distilling information from **word** lattices to improve the accuracy of speech recognition and obtain a more perspicuous representation of a set of alternative... (More)



Word Representations: A Simple and General Method for Semi-Supervised Learning

Joseph P. Turian, Lev-Arie Ratinov, Yoshua Bengio · ACL · 2010

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