Word Vector Evaluation

Step 1: Filter Your Vectors

Your vectors should be in the following format:

```
london 0.102 -4.31 -0.003 ...
paris -1.23 3.450 -0.03 ...
```

Download the following vocabulary file and script and run:

```
python filterVocab.py fullVocab.txt < yourVectors(.txt/.txt.gz) > filtVectors.txt
```

Now you can upload the filtered vectors!

Step 2: Upload Filtered Vectors:

Browse... No file selected. (in .txt/.txt.gz format)

Step 3: Plot Your Words

Evaluate

Word Pair Similarity Ranking

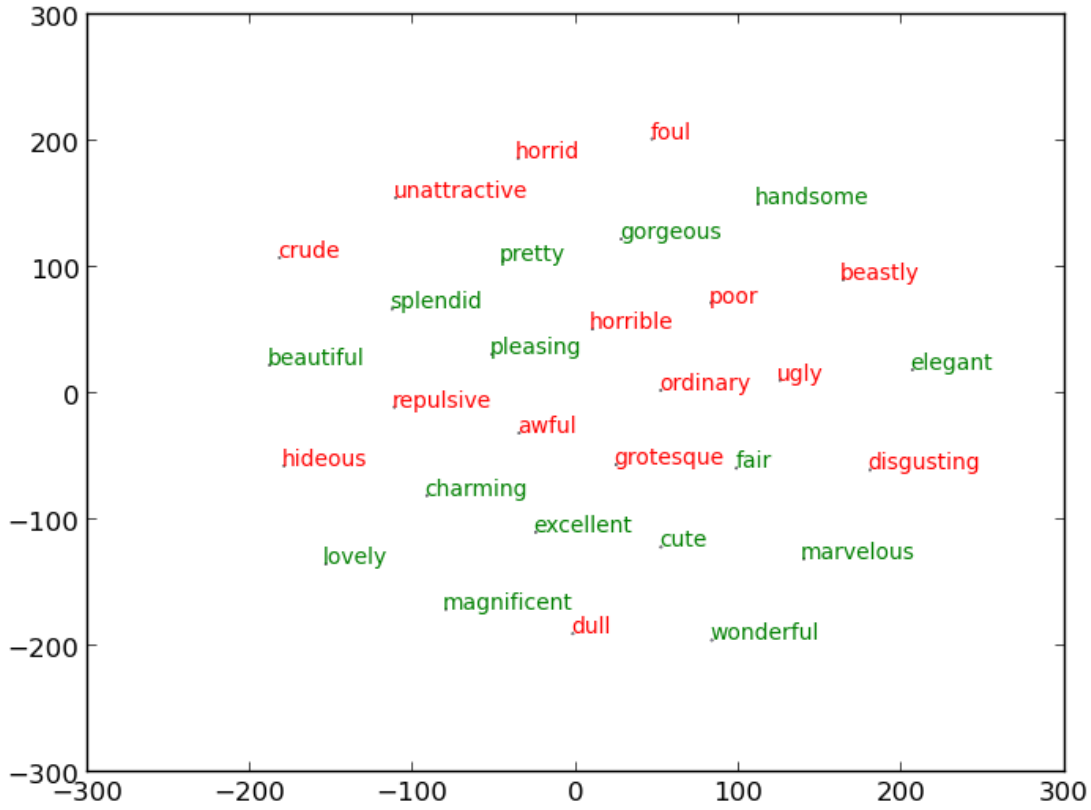
No.	Task Name	Word pairs	Reference	Pairs found	Correlation
1	WS-353	353	Finkelstein et. al, 2002	349	-0.0474
2	WS-353-SIM	203	Agirre et. al, 2009	199	-0.0599
3	WS-353-REL	252	Agirre et. al, 2009	250	-0.0098
4	MC-30	30	Miller and Charles, 1991	30	-0.1827

5	RG-65	65	R and G, 1965	64	-0.2055
6	Rare-Word	2034	Luong et. al, 2013	1043	0.0406
7	MEN	3000	Bruni et. al, 2012	2984	0.0379
8	MTurk-287	287	Radinsky et. al, 2011	284	0.0884
9	MTurk-771	771	Halawi and Dror, 2012	763	0.0644
10	YP-130	130	Yang and Powers, 2006	124	0.0709
11	SimLex-999	999	Hill et. al, 2014	915	-0.0572
12	Verb-143	143	Baker et. al, 2014	81	-0.1666
13	SimVerb-3500	3500	Gerz et al., 2016	2947	0.0290

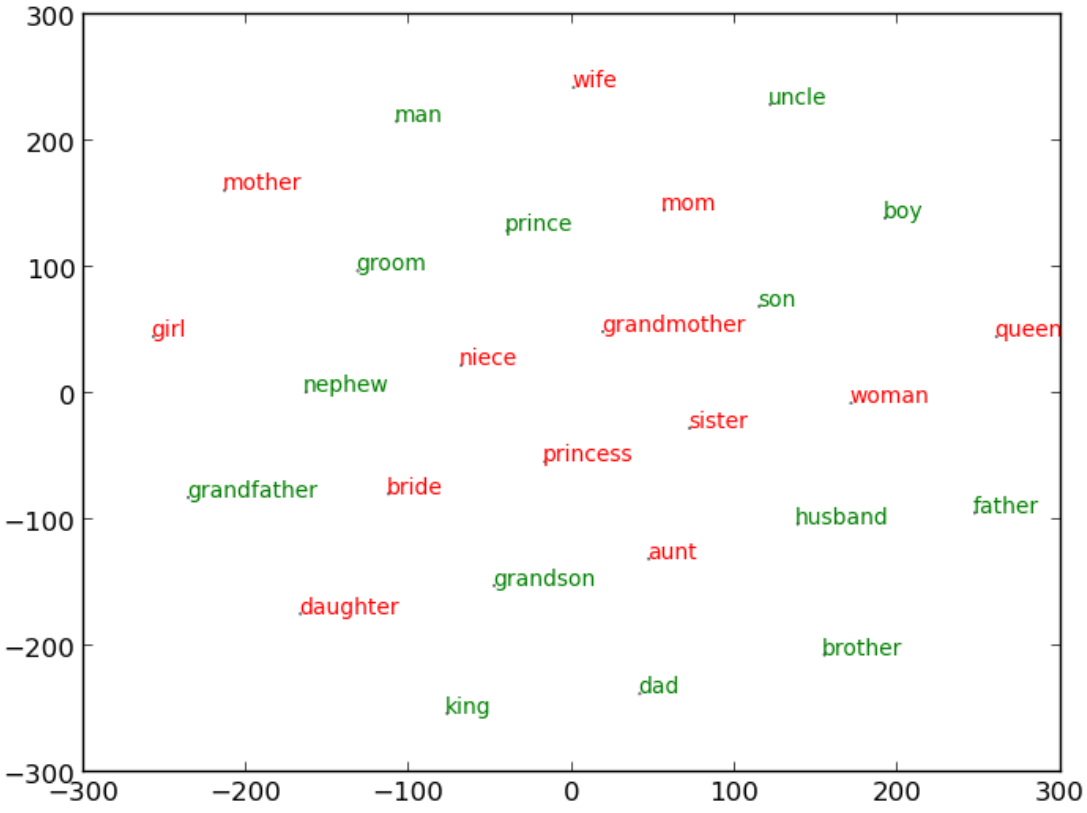
Default Word Plots

t-SNE tool, Maaten and Hinton 2008

Antonym and Synonyms



Male and Female



Reference

If you use this website, please cite the following paper:

```
@InProceedings{faruqui-2014:SystemDemo,
  author    = {Faruqui, Manaal  and  Dyer, Chris},
  title     = {Community Evaluation and Exchange of Word Vectors at wordvectors.org},
  booktitle = {Proceedings of the 52nd Annual Meeting of the
               Association for Computational Linguistics: System Demonstrations},
  month     = {June},
  year      = {2014},
  address   = {Baltimore, USA},
  publisher = {Association for Computational Linguistics}
}
```

841 Pageviews
Jun. 13th - Jul. 13th