

| | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
|-------------------------------|----------|--------|--------|-----------|------------|------------|
| MC-30.txt | 0.173 | 0.626 | 0.584 | 0.68 | 0.627 | 0.62 |
| | 0.361 | 0.0 | 0.001 | 0.0 | 0.0 | 0.0 |
| | 0.196 | 0.605 | 0.532 | 0.612 | 0.629 | 0.607 |
| | 0.298 | 0.0 | 0.002 | 0.0 | 0.0 | 0.0 |
| | 30 | 30 | 30 | 30 | 30 | 30 |
| MEN-dataset-lemma-form-full | 0.406 | 0.667 | 0.674 | 0.68 | 0.681 | 0.576 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.412 | 0.673 | 0.688 | 0.687 | 0.681 | 0.575 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 2983 | 2983 | 2983 | 2983 | 2983 | 2983 |
| MEN-dataset-natural-form-full | 0.411 | 0.67 | 0.676 | 0.68 | 0.693 | 0.573 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.417 | 0.677 | 0.691 | 0.689 | 0.696 | 0.573 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 2994 | 2994 | 2994 | 2994 | 2994 | 2994 |
| RG-65.txt | 0.23 | 0.598 | 0.627 | 0.643 | 0.691 | 0.675 |
| | 0.065 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.252 | 0.605 | 0.622 | 0.64 | 0.682 | 0.683 |
| | 0.043 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 65 | 65 | 65 | 65 | 65 | 65 |
| SimLex-999-formatted.txt | 0.24 | 0.284 | 0.295 | 0.302 | 0.296 | 0.119 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.245 | 0.295 | 0.31 | 0.312 | 0.325 | 0.129 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 996 | 996 | 996 | 996 | 996 | 996 |
| ws353.combined.tab.formatted | 0.495 | 0.635 | 0.628 | 0.636 | 0.528 | 0.521 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.493 | 0.617 | 0.614 | 0.619 | 0.546 | 0.526 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 334 | 334 | 334 | 334 | 334 | 334 |

| | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
|----------------------|----------|--------|--------|-----------|------------|------------|
| ESL-50-single-word | 40.43 | 51.06 | 48.94 | 57.45 | 48.94 | 31.91 |
| | 47 | 47 | 47 | 47 | 47 | 47 |
| RD-300-single-word | 54.24 | 55.93 | 57.63 | 59.32 | 64.41 | 50.85 |
| | 59 | 59 | 59 | 59 | 59 | 59 |
| TOEFL-80-single-word | 71.01 | 66.67 | 66.67 | 66.67 | 79.71 | 52.17 |
| | 69 | 69 | 69 | 69 | 69 | 69 |

| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
|---------|---------|----------|--------|--------|-----------|------------|------------|
| FullSPP | 11.368 | 7.536 | 9.495 | 9.593 | 9.631 | 13.789 | 13.968 |
| | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 0.085 | 0.015 | 0.027 | 0.033 | 0.032 | 0.151 | 0.147 |
| | 0.0 | 0.383 | 0.129 | 0.062 | 0.073 | 0.0 | 0.0 |
| | 3174 | 3174 | 3174 | 3174 | 3174 | 3174 | 3174 |

| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
|---------|---------|----------|--------|--------|-----------|------------|------------|
| synonym | 2.275 | -0.835 | 1.249 | 0.767 | 1.091 | 3.687 | 4.745 |
| | 0.023 | 0.404 | 0.212 | 0.443 | 0.276 | 0.0 | 0.0 |
| | 0.074 | -0.026 | 0.039 | 0.033 | 0.034 | 0.142 | 0.177 |
| | 0.053 | 0.491 | 0.312 | 0.392 | 0.378 | 0.0 | 0.0 |
| | 688 | 688 | 688 | 688 | 688 | 688 | 688 |

| | | | | | | | |
|---------------------|---------|----------|--------|--------|-----------|------------|------------|
| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
| antonym | 1.008 | 0.353 | 0.916 | 1.26 | 1.076 | 2.396 | 2.296 |
| | 0.315 | 0.724 | 0.361 | 0.209 | 0.283 | 0.017 | 0.023 |
| | 0.05 | 0.008 | 0.037 | 0.058 | 0.059 | 0.15 | 0.124 |
| | 0.444 | 0.909 | 0.568 | 0.375 | 0.364 | 0.021 | 0.058 |
| | 236 | 236 | 236 | 236 | 236 | 236 | 236 |
| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
| fpa | -0.646 | -0.76 | -1.398 | -1.379 | -0.827 | 1.853 | 1.045 |
| | 0.519 | 0.447 | 0.163 | 0.169 | 0.409 | 0.065 | 0.297 |
| | -0.016 | -0.021 | -0.068 | -0.053 | -0.036 | 0.12 | 0.078 |
| | 0.755 | 0.68 | 0.19 | 0.306 | 0.491 | 0.021 | 0.132 |
| | 373 | 373 | 373 | 373 | 373 | 373 | 373 |
| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
| script | 0.978 | 0.129 | 1.393 | 1.437 | 1.58 | 2.544 | 3.563 |
| | 0.329 | 0.898 | 0.166 | 0.153 | 0.116 | 0.012 | 0.0 |
| | 0.054 | -0.02 | 0.098 | 0.101 | 0.117 | 0.18 | 0.245 |
| | 0.474 | 0.791 | 0.197 | 0.18 | 0.121 | 0.016 | 0.001 |
| | 177 | 177 | 177 | 177 | 177 | 177 | 177 |
| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
| unclassified | 2.086 | 0.497 | -0.551 | 0.001 | -0.482 | 2.601 | 2.724 |
| | 0.037 | 0.619 | 0.582 | 0.999 | 0.63 | 0.01 | 0.007 |
| | 0.056 | 0.03 | -0.014 | 0.002 | -0.019 | 0.12 | 0.109 |
| | 0.147 | 0.444 | 0.717 | 0.949 | 0.63 | 0.002 | 0.005 |
| | 667 | 667 | 667 | 667 | 667 | 667 | 667 |
| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
| category | 2.138 | 1.685 | 1.427 | 1.276 | 1.357 | 3.013 | 2.83 |
| | 0.033 | 0.093 | 0.155 | 0.203 | 0.176 | 0.003 | 0.005 |
| | 0.124 | 0.087 | 0.07 | 0.062 | 0.065 | 0.131 | 0.135 |
| | 0.033 | 0.132 | 0.226 | 0.289 | 0.267 | 0.024 | 0.02 |
| | 298 | 298 | 298 | 298 | 298 | 298 | 298 |
| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
| supraordinate | 0.673 | -0.79 | -0.033 | -0.439 | -0.575 | 1.942 | 1.586 |
| | 0.502 | 0.43 | 0.974 | 0.661 | 0.566 | 0.054 | 0.114 |
| | 0.075 | -0.012 | 0.015 | 0.008 | -0.022 | 0.131 | 0.076 |
| | 0.306 | 0.871 | 0.836 | 0.909 | 0.767 | 0.071 | 0.299 |
| | 190 | 190 | 190 | 190 | 190 | 190 | 190 |
| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
| instrument | 0.448 | 0.03 | -0.522 | -0.601 | -0.636 | 1.047 | 1.81 |
| | 0.656 | 0.976 | 0.605 | 0.551 | 0.528 | 0.301 | 0.078 |
| | 0.089 | 0.035 | -0.09 | -0.113 | -0.118 | 0.05 | 0.229 |
| | 0.576 | 0.826 | 0.571 | 0.475 | 0.455 | 0.751 | 0.144 |
| | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
| functional property | 0.5 | -1.133 | -0.528 | 0.0 | -0.431 | 2.451 | 1.809 |
| | 0.618 | 0.26 | 0.599 | 1.0 | 0.667 | 0.016 | 0.073 |
| | -0.006 | -0.081 | -0.048 | 0.051 | -0.034 | 0.223 | 0.182 |
| | 0.953 | 0.421 | 0.632 | 0.615 | 0.736 | 0.025 | 0.069 |
| | 101 | 101 | 101 | 101 | 101 | 101 | 101 |
| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
| bpa | 1.996 | -0.873 | -0.65 | -0.579 | -0.863 | 0.041 | -0.292 |
| | 0.047 | 0.384 | 0.517 | 0.563 | 0.389 | 0.967 | 0.77 |
| | 0.139 | -0.005 | -0.042 | -0.033 | -0.05 | 0.003 | -0.03 |
| | 0.047 | 0.938 | 0.546 | 0.638 | 0.479 | 0.963 | 0.67 |
| | 205 | 205 | 205 | 205 | 205 | 205 | 205 |

| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
|---------------------|---------|----------|--------|--------|-----------|------------|------------|
| perceptual property | 3.343 | -0.091 | 0.649 | 0.217 | 0.944 | 3.757 | 3.842 |
| | 0.001 | 0.928 | 0.517 | 0.828 | 0.347 | 0.0 | 0.0 |
| | 0.298 | 0.041 | 0.029 | 0.02 | 0.09 | 0.302 | 0.303 |
| | 0.0 | 0.635 | 0.738 | 0.819 | 0.299 | 0.0 | 0.0 |
| | 134 | 134 | 134 | 134 | 134 | 134 | 134 |
| | LSAdiff | w2vsmall | w2vuk1 | w2vbig | w2vukfull | gloveWG100 | gloveTW100 |
| action | -1.175 | 0.62 | 1.191 | 0.885 | 1.02 | 1.346 | -0.145 |
| | 0.263 | 0.547 | 0.257 | 0.394 | 0.328 | 0.203 | 0.887 |
| | -0.127 | 0.242 | 0.451 | 0.324 | 0.418 | 0.429 | -0.044 |
| | 0.68 | 0.426 | 0.122 | 0.28 | 0.156 | 0.144 | 0.887 |
| | 13 | 13 | 13 | 13 | 13 | 13 | 13 |