

| | Word similarity average | | | | Sentiment analysis | | | | NP bracketing | | | |
|-----------------------|-------------------------|------|------|------|--------------------|------|------|------|---------------|------|------|------|
| | NPK | WN | PD | FN | NPK | WN | PD | FN | NPK | WN | PD | FN |
| Glove | 59.7 | 63.1 | 64.6 | 57.5 | 78.9 | 80.3 | 80.5 | 79.0 | 78.1 | 79.5 | 79.4 | 78.7 |
| Skip-Gram | 64.1 | 65.5 | 68.6 | 62.3 | 81.7 | 81.6 | 82.7 | 81.7 | 79.9 | 80.4 | 81.5 | 80.5 |
| Global Context | 44.4 | 50.0 | 50.4 | 47.3 | 68.4 | 69.1 | 68.5 | 67.6 | 79.4 | 79.1 | 80.5 | 80.2 |
| Multilingual | 62.3 | 66.9 | 68.2 | 62.8 | 82.6 | 83.2 | 82.6 | 81.8 | 81.9 | 81.8 | 82.7 | 82.0 |
| Eigen | 59.5 | 62.2 | 63.6 | 61.4 | 76.4 | 77.5 | 76.9 | 76.1 | 81.3 | 81.7 | 81.2 | 80.7 |
| Eigen $_{\alpha=0.1}$ | - | 59.1 | 59.6 | 59.5 | - | 76.7 | 76.7 | 75.8 | - | 81.0 | 82.4 | 81.0 |
| Eigen $_{\alpha=0.2}$ | - | 59.9 | 60.6 | 60.0 | - | 77.1 | 77.2 | 76.7 | - | 81.0 | 81.3 | 80.7 |
| Eigen $_{\alpha=0.5}$ | - | 59.9 | 59.7 | 59.6 | - | 76.6 | 77.0 | 76.9 | - | 81.8 | 81.4 | 80.9 |
| Eigen $_{\alpha=0.7}$ | - | 60.7 | 59.3 | 59.5 | - | 76.2 | 76.7 | 76.1 | - | 80.3 | 81.2 | 80.8 |
| Eigen $_{\alpha=0.9}$ | - | 60.6 | 59.6 | 58.9 | - | 76.4 | 75.6 | 76.6 | - | 81.3 | 80.7 | 81.0 |
| Eigen $_{\alpha=0.1}$ | - | 61.9 | 63.6 | 61.5 | - | 77.1 | 77.3 | 75.9 | - | 81.4 | 81.7 | 81.2 |
| Eigen $_{\alpha=0.2}$ | - | 62.6 | 64.9 | 61.6 | - | 77.3 | 77.9 | 76.0 | - | 81.7 | 81.1 | 80.6 |
| Eigen $_{\alpha=0.5}$ | - | 62.7 | 63.7 | 61.4 | - | 77.2 | 77.8 | 76.0 | - | 81.9 | 81.4 | 80.0 |
| Eigen $_{\alpha=0.7}$ | - | 63.3 | 63.0 | 61.0 | - | 76.6 | 77.8 | 74.9 | - | 81.0 | 80.8 | 80.4 |
| Eigen $_{\alpha=0.9}$ | - | 62.0 | 63.3 | 60.4 | - | 76.5 | 77.7 | 76.0 | - | 81.0 | 80.7 | 80.4 |