

# Centroid-glove-l2-nostop

|                                      | <i>Atkinson</i>                      | <i>McAdams</i>                      | <i>McClelland</i>                   | <i>Veroff</i>                        | <i>Winter</i>                          | <i>WirthDiff</i>                    | <i>WirthSame</i>                       | $\emptyset$ |
|--------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|----------------------------------------|-------------------------------------|----------------------------------------|-------------|
| glove.nostopwords.l2.fanfic.400      | <b>64.73%</b><br>$\pm 4.32$ , p: <1‰ | 54.34%<br>$\pm 4.94$ , p: 2.71%     | 61.62%<br>$\pm 7.5$ , p: <1‰        | 60.44%<br>$\pm 4.98$ , p: <1‰        | <b>56.95%</b><br>$\pm 4.66$ , p: <1‰   | 57.63%<br>$\pm 8.35$ , p: 2.28%     | 53.61%<br>$\pm 5.58$ , p: 8.44%        | 58.47       |
| glove.nostopwords.l2.wiki.400        | 59.92%<br>$\pm 5.06$ , p: <1‰        | 51.34%<br>$\pm 5.55$ , p: >10%      | 60.03%<br>$\pm 7.37$ , p: <1‰       | 62.21%<br>$\pm 7.12$ , p: <1‰        | 54.17%<br>$\pm 8.06$ , p: >10%         | 57.84%<br>$\pm 7.6$ , p: 1.29%      | 52.23%<br>$\pm 5.8$ , p: >10%          | 56.82       |
| glove.nostopwords.l2.fanfic.600      | 61.85%<br>$\pm 4.26$ , p: <1‰        | 52.38%<br>$\pm 4.49$ , p: >10%      | 59.85%<br>$\pm 7.4$ , p: <1‰        | 61.18%<br>$\pm 4.47$ , p: <1‰        | 56.24%<br>$\pm 5.38$ , p: <1‰          | 58.05%<br>$\pm 6.94$ , p: <1‰       | 51.02%<br>$\pm 4.86$ , p: >10%         | 57.22       |
| glove.nostopwords.l2.wiki.600        | 61.69%<br>$\pm 5.13$ , p: <1‰        | 51.63%<br>$\pm 5.47$ , p: >10%      | 58.5%<br>$\pm 7.69$ , p: <1‰        | 61.91%<br>$\pm 5.03$ , p: <1‰        | 56.62%<br>$\pm 7.18$ , p: 2.19%        | 58.08%<br>$\pm 7.37$ , p: <1‰       | 52.62%<br>$\pm 6.17$ , p: >10%         | 57.29       |
| glove.nostopwords.l2.fanfic.400.ppdb | 64.25%<br>$\pm 4.59$ , p: <1‰        | 52.37%<br>$\pm 6.07$ , p: >10%      | <b>62.0%</b><br>$\pm 7.67$ , p: <1‰ | 59.71%<br>$\pm 6.11$ , p: <1‰        | 54.93%<br>$\pm 6.06$ , p: 3.73%        | 57.35%<br>$\pm 5.25$ , p: <1‰       | 53.6%<br>$\pm 5.05$ , p: 6.12%         | 57.74       |
| glove.nostopwords.l2.fanfic.600.ppdb | 63.28%<br>$\pm 5.01$ , p: <1‰        | 53.12%<br>$\pm 6.13$ , p: >10%      | 61.79%<br>$\pm 7.93$ , p: <1‰       | 59.71%<br>$\pm 4.97$ , p: <1‰        | 56.57%<br>$\pm 5.4$ , p: <1‰           | 58.05%<br>$\pm 6.67$ , p: <1‰       | 53.4%<br>$\pm 4.83$ , p: 6.38%         | 57.99       |
| glove.nostopwords.l2.wiki.400.ppdb   | 63.46%<br>$\pm 5.54$ , p: <1‰        | 52.67%<br>$\pm 6.59$ , p: >10%      | 59.86%<br>$\pm 6.5$ , p: <1‰        | 61.32%<br>$\pm 7.32$ , p: <1‰        | 55.19%<br>$\pm 6.95$ , p: 5.18%        | 58.97%<br>$\pm 7.59$ , p: <1‰       | <b>55.44%</b><br>$\pm 6.26$ , p: 2.84% | 58.13       |
| glove.nostopwords.l2.wiki.600.ppdb   | 63.31%<br>$\pm 4.17$ , p: <1‰        | 52.25%<br>$\pm 5.86$ , p: >10%      | 60.64%<br>$\pm 7.19$ , p: <1‰       | 62.79%<br>$\pm 5.96$ , p: <1‰        | 55.55%<br>$\pm 5.96$ , p: 2.1%         | <b>59.87%</b><br>$\pm 6.3$ , p: <1‰ | 54.24%<br>$\pm 6.48$ , p: 8.13%        | 58.38       |
| glove.nostopwords.l2.fanfic.400.wns+ | 63.45%<br>$\pm 6.31$ , p: <1‰        | <b>54.8%</b><br>$\pm 4.37$ , p: <1‰ | 60.24%<br>$\pm 8.11$ , p: <1‰       | 61.03%<br>$\pm 3.24$ , p: <1‰        | 56.19%<br>$\pm 5.71$ , p: 1.0%         | 56.75%<br>$\pm 7.63$ , p: 2.63%     | 53.4%<br>$\pm 4.66$ , p: 5.63%         | 57.98       |
| glove.nostopwords.l2.fanfic.600.wns+ | 63.61%<br>$\pm 3.78$ , p: <1‰        | 54.64%<br>$\pm 3.53$ , p: <1‰       | 61.02%<br>$\pm 7.17$ , p: <1‰       | 61.62%<br>$\pm 3.57$ , p: <1‰        | <b>56.93%</b><br>$\pm 6.47$ , p: 1.06% | 56.5%<br>$\pm 7.1$ , p: 2.25%       | 53.83%<br>$\pm 4.04$ , p: 1.94%        | 58.31       |
| glove.nostopwords.l2.wiki.400.wns+   | 60.57%<br>$\pm 5.33$ , p: <1‰        | 52.23%<br>$\pm 6.66$ , p: >10%      | 59.46%<br>$\pm 6.39$ , p: <1‰       | 62.35%<br>$\pm 6.07$ , p: <1‰        | 55.81%<br>$\pm 6.96$ , p: 3.36%        | 58.07%<br>$\pm 7.11$ , p: <1‰       | 54.86%<br>$\pm 6.23$ , p: 4.41%        | 57.62       |
| glove.nostopwords.l2.wiki.600.wns+   | 59.92%<br>$\pm 4.34$ , p: <1‰        | 52.09%<br>$\pm 6.77$ , p: >10%      | 58.69%<br>$\pm 6.99$ , p: <1‰       | <b>63.09%</b><br>$\pm 5.64$ , p: <1‰ | 56.55%<br>$\pm 6.08$ , p: 1.03%        | 57.39%<br>$\pm 7.09$ , p: 1.22%     | 53.23%<br>$\pm 3.96$ , p: 3.68%        | 57.28       |

Results of two times 5-fold stratified nested cross validation on various datasets using the given classifier.

Average of best-performing hyperparameters: **59.554%  $\pm$  3.619**