|                             | all          |           | persistent   |           |
|-----------------------------|--------------|-----------|--------------|-----------|
|                             | no smoothing | smoothing | no smoothing | smoothing |
| number of unique words      | 7540         | 10076     | 2004         | 2004      |
| number of data points       | 75494        | 107096    | 38076        | 38076     |
| PPMI vectors $\mathbb{R}^2$ | 0.2          | 0.31      | 0.26         | 0.38      |
| LDA $R^2$                   | 0.17         | 0.25      | 0.17         | 0.34      |
|                             | •            | ·         | '            |           |