**Table 1**

*Semantic Similarity Methods Model Comparison*

|  | npar | AIC | BIC | logLik | deviance |
| --- | --- | --- | --- | --- | --- |
| model\_glove1 | 5.00 | 3,309.54 | 3,332.60 | 1,649.77 | 3,299.54 |
| model\_glove2 | 5.00 | 3,602.15 | 3,625.21 | 1,796.08 | 3,592.15 |
| model\_bert | 5.00 | 3,626.27 | 3,649.33 | 1,808.14 | 3,616.27 |