Model sensitivity analysis [meta-regression]

Martin R. Vasilev

May 18, 2016

## Mean Difference of N+1 Preview Effects Between Alphabetical and Chinese Studies

|  |  |  |
| --- | --- | --- |
| Measure | Prior on | Posterior (SD) [95% CrI] |
| FFD | **Uniform(-200, 200)** | -0.29 (2.15) [-4.45, 4] |
| FFD | Normal(0, ) | -0.3 (2.16) [-4.52, 3.96] |
| SFD | **Uniform(-200, 200)** | -5.14 (4.25) [-13.49, 3.23] |
| SFD | Normal(0, ) | -5.11 (4.25) [-13.53, 3.26] |
| GD | **Uniform(-200, 200)** | 4.09 (3.04) [-1.82, 10.14] |
| GD | Normal(0, ) | 4.03 (3.03) [-1.89, 10.04] |
| FFD [unrelated word mask] | **Uniform(-200, 200)** | 3.47 (2.78) [-2.21, 8.79] |
| FFD [unrelated word mask] | Normal(0, ) | 3.46 (2.75) [-2.11, 8.73] |
| SFD [unrelated word mask] | **Uniform(-200, 200)** | 1.46 (4.73) [-8.53, 10.28] |
| SFD [unrelated word mask] | Normal(0, ) | 1.45 (4.73) [-8.48, 10.12] |
| GD [unrelated word mask] | **Uniform(-200, 200)** | 9.92 (3.74) [2.45, 17.25] |
| GD [unrelated word mask] | Normal(0, ) | 9.9 (3.72) [2.56, 17.2] |
| FFD [pseudo-word mask] | **Uniform(-200, 200)** | -3.83 (4.63) [-12.99, 5.47] |
| FFD [pseudo-word mask] | Normal(0, ) | -3.8 (4.66) [-12.91, 5.54] |
| GD [pseudo-word mask] | **Uniform(-200, 200)** | -0.58 (6.76) [-13.43, 13.45] |
| GD [pseudo-word mask] | Normal(0, ) | -0.46 (6.77) [-13.4, 13.42] |

*Note*: The prior in bold is the one on which the results in the paper are based.