Model sensitivity analysis [N+1]

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## Mean N+1 Preview Effect for All Languages [FFD]

|  |  |  |  |
| --- | --- | --- | --- |
| Prior on | Prior on | Posterior (SD) [95% CrI] | Posterior (SD) [95% CrI] |
| **Uniform(-200, 200)** | **Uniform(0, 200)** | 25.97 (1.85) [22.31, 29.64] | 9.3 (1.61) [6.39, 12.73] |
| Normal(0, ) | Uniform(0, 200) | 25.96 (1.86) [22.32, 29.6] | 9.32 (1.61) [6.41, 12.76] |
| Uniform(-200, 200) | Gamma(0.001, 0.001) | 25.95 (1.83) [22.36, 29.54] | 9.04 (1.58) [6.18, 12.37] |
| Normal(0, ) | Gamma(0.001, 0.001) | 25.94 (1.86) [22.35, 29.55] | 9.04 (1.59) [6.19, 12.42] |
| Uniform(-200, 200) | Normal(0, ) I(0,) | 25.95 (1.86) [22.29, 29.61] | 9.31 (1.61) [6.43, 12.73] |
| Normal(0, ) | Normal(0, ) I(0,) | 25.95 (1.85) [22.34, 29.63] | 9.3 (1.62) [6.4, 12.76] |

*Note*: For Gamma distributions, the prior is on the precision (i.e. ). The priors in bold are the ones on which the results in the paper are based.

## Mean N+1 Preview Effect for All Languages [SFD]

|  |  |  |  |
| --- | --- | --- | --- |
| Prior on | Prior on | Posterior (SD) [95% CrI] | Posterior (SD) [95% CrI] |
| **Uniform(-200, 200)** | **Uniform(0, 200)** | 32.66 (3.91) [25.03, 40.47] | 16.99 (3.25) [11.54, 24.25] |
| Normal(0, ) | Uniform(0, 200) | 32.57 (3.9) [25.03, 40.4] | 16.97 (3.27) [11.5, 24.36] |
| Uniform(-200, 200) | Gamma(0.001, 0.001) | 32.58 (3.81) [25.17, 40.17] | 16.39 (3.14) [11.14, 23.46] |
| Normal(0, ) | Gamma(0.001, 0.001) | 32.54 (3.83) [25.11, 40.05] | 16.35 (3.15) [11.13, 23.39] |
| Uniform(-200, 200) | Normal(0, ) I(0,) | 32.61 (3.89) [25.05, 40.42] | 16.95 (3.23) [11.54, 24.09] |
| Normal(0, ) | Normal(0, ) I(0,) | 32.58 (3.87) [25.09, 40.4] | 16.94 (3.24) [11.53, 24.18] |

*Note*: For Gamma distributions, the prior is on the precision (i.e. ). The priors in bold are the ones on which the results in the paper are based.

## Mean N+1 Preview Effect for All Languages [GD]

|  |  |  |  |
| --- | --- | --- | --- |
| Prior on | Prior on | Posterior (SD) [95% CrI] | Posterior (SD) [95% CrI] |
| **Uniform(-200, 200)** | **Uniform(0, 200)** | 39.8 (2.61) [34.68, 44.94] | 14.08 (2.22) [10.1, 18.78] |
| Normal(0, ) | Uniform(0, 200) | 39.76 (2.61) [34.7, 44.92] | 14.09 (2.22) [10.11, 18.83] |
| Uniform(-200, 200) | Gamma(0.001, 0.001) | 39.78 (2.59) [34.73, 44.87] | 13.74 (2.18) [9.77, 18.33] |
| Normal(0, ) | Gamma(0.001, 0.001) | 39.74 (2.65) [34.75, 44.85] | 13.73 (2.2) [9.79, 18.37] |
| Uniform(-200, 200) | Normal(0, ) I(0,) | 39.79 (2.63) [34.65, 44.99] | 14.09 (2.22) [10.1, 18.82] |
| Normal(0, ) | Normal(0, ) I(0,) | 39.76 (2.61) [34.64, 44.94] | 14.06 (2.22) [10.08, 18.78] |

*Note*: For Gamma distributions, the prior is on the precision (i.e. ). The priors in bold are the ones on which the results in the paper are based.

## Mean N+1 Preview Effect for All Languages [TVT]

|  |  |  |  |
| --- | --- | --- | --- |
| Prior on | Prior on | Posterior (SD) [95% CrI] | Posterior (SD) [95% CrI] |
| **Uniform(-200, 200)** | **Uniform(0, 200)** | 47.26 (6.02) [35.24, 59.17] | 17.94 (5.61) [8.65, 30.59] |
| Normal(0, ) | Uniform(0, 200) | 47.12 (6.08) [34.91, 58.91] | 18.1 (5.68) [8.72, 30.98] |
| Uniform(-200, 200) | Gamma(0.001, 0.001) | 47.49 (5.72) [35.96, 58.67] | 16.07 (5.57) [6.23, 28.19] |
| Normal(0, ) | Gamma(0.001, 0.001) | 47.26 (5.74) [35.53, 58.18] | 16.08 (5.58) [6.11, 28.17] |
| Uniform(-200, 200) | Normal(0, ) I(0,) | 47.22 (6.02) [35.04, 58.95] | 17.99 (5.65) [8.66, 30.84] |
| Normal(0, ) | Normal(0, ) I(0,) | 47.12 (6) [35.04, 58.89] | 17.95 (5.61) [8.72, 30.76] |

*Note*: For Gamma distributions, the prior is on the precision (i.e. ). The priors in bold are the ones on which the results in the paper are based.

## Mean N+1 Preview Effect for Alphabetical Studies [FFD]

|  |  |  |  |
| --- | --- | --- | --- |
| Prior on | Prior on | Posterior (SD) [95% CrI] | Posterior (SD) [95% CrI] |
| **Uniform(-200, 200)** | **Uniform(0, 200)** | 26.12 (2.17) [21.87, 30.38] | 9.47 (1.84) [6.2, 13.42] |
| Normal(0, ) | Uniform(0, 200) | 26.09 (2.18) [21.8, 30.35] | 9.47 (1.84) [6.2, 13.44] |
| Uniform(-200, 200) | Gamma(0.001, 0.001) | 26.09 (2.12) [21.91, 30.23] | 9.13 (1.8) [5.91, 12.98] |
| Normal(0, ) | Gamma(0.001, 0.001) | 26.09 (2.16) [21.94, 30.29] | 9.14 (1.81) [5.92, 13.02] |
| Uniform(-200, 200) | Normal(0, ) I(0,) | 26.11 (2.17) [21.85, 30.34] | 9.48 (1.85) [6.21, 13.49] |
| Normal(0, ) | Normal(0, ) I(0,) | 26.08 (2.17) [21.84, 30.36] | 9.49 (1.84) [6.22, 13.44] |

*Note*: For Gamma distributions, the prior is on the precision (i.e. ). The priors in bold are the ones on which the results in the paper are based.

## Mean N+1 Preview Effect for Alphabetical Studies [SFD]

|  |  |  |  |
| --- | --- | --- | --- |
| Prior on | Prior on | Posterior (SD) [95% CrI] | Posterior (SD) [95% CrI] |
| **Uniform(-200, 200)** | **Uniform(0, 200)** | 35.71 (4.89) [26.27, 45.59] | 18.11 (4.1) [11.57, 27.58] |
| Normal(0, ) | Uniform(0, 200) | 35.64 (4.86) [26.17, 45.34] | 18.04 (4.05) [11.54, 27.25] |
| Uniform(-200, 200) | Gamma(0.001, 0.001) | 35.66 (4.68) [26.57, 44.99] | 17.21 (3.85) [10.98, 26.02] |
| Normal(0, ) | Gamma(0.001, 0.001) | 35.55 (4.72) [26.35, 44.91] | 17.21 (3.84) [10.98, 25.96] |
| Uniform(-200, 200) | Normal(0, ) I(0,) | 35.73 (4.88) [26.24, 45.66] | 18.06 (4.09) [11.53, 27.45] |
| Normal(0, ) | Normal(0, ) I(0,) | 35.6 (4.83) [26.05, 45.25] | 18.02 (4.07) [11.49, 27.44] |

*Note*: For Gamma distributions, the prior is on the precision (i.e. ). The priors in bold are the ones on which the results in the paper are based.

## Mean N+1 Preview Effect for Alphabetical Studies [GD]

|  |  |  |  |
| --- | --- | --- | --- |
| Prior on | Prior on | Posterior (SD) [95% CrI] | Posterior (SD) [95% CrI] |
| **Uniform(-200, 200)** | **Uniform(0, 200)** | 37.74 (2.93) [31.98, 43.51] | 13.17 (2.44) [8.87, 18.42] |
| Normal(0, ) | Uniform(0, 200) | 37.71 (2.92) [31.97, 43.44] | 13.17 (2.42) [8.87, 18.37] |
| Uniform(-200, 200) | Gamma(0.001, 0.001) | 37.75 (2.87) [32.08, 43.38] | 12.71 (2.39) [8.46, 17.88] |
| Normal(0, ) | Gamma(0.001, 0.001) | 37.75 (2.91) [32.17, 43.4] | 12.69 (2.38) [8.5, 17.81] |
| Uniform(-200, 200) | Normal(0, ) I(0,) | 37.76 (2.94) [31.96, 43.59] | 13.15 (2.43) [8.91, 18.39] |
| Normal(0, ) | Normal(0, ) I(0,) | 37.73 (2.91) [32, 43.45] | 13.15 (2.42) [8.89, 18.4] |

*Note*: For Gamma distributions, the prior is on the precision (i.e. ). The priors in bold are the ones on which the results in the paper are based.

## Mean N+1 Preview Effect for Alphabetical Studies [TVT]

|  |  |  |  |
| --- | --- | --- | --- |
| Prior on | Prior on | Posterior (SD) [95% CrI] | Posterior (SD) [95% CrI] |
| **Uniform(-200, 200)** | **Uniform(0, 200)** | 47.26 (6.01) [35.08, 58.84] | 18 (5.68) [8.62, 30.88] |
| Normal(0, ) | Uniform(0, 200) | 47.12 (6.03) [35.04, 58.91] | 18.02 (5.67) [8.6, 30.9] |
| Uniform(-200, 200) | Gamma(0.001, 0.001) | 47.46 (5.65) [35.98, 58.42] | 16.02 (5.61) [5.76, 28.2] |
| Normal(0, ) | Gamma(0.001, 0.001) | 47.33 (5.78) [35.61, 58.33] | 16.12 (5.59) [6.05, 28.34] |
| Uniform(-200, 200) | Normal(0, ) I(0,) | 47.23 (6.04) [35.05, 58.88] | 17.99 (5.61) [8.77, 30.67] |
| Normal(0, ) | Normal(0, ) I(0,) | 47.1 (6.03) [35.08, 58.9] | 17.93 (5.59) [8.73, 30.7] |

*Note*: For Gamma distributions, the prior is on the precision (i.e. ). The priors in bold are the ones on which the results in the paper are based.

## Mean N+1 Preview Effect for Chinese Studies [FFD]

|  |  |  |  |
| --- | --- | --- | --- |
| Prior on | Prior on | Posterior (SD) [95% CrI] | Posterior (SD) [95% CrI] |
| **Uniform(-200, 200)** | **Uniform(0, 200)** | 25.6 (4.05) [17.73, 33.85] | 10.35 (4.31) [2.54, 19.94] |
| Normal(0, ) | Uniform(0, 200) | 25.55 (4.06) [17.67, 33.84] | 10.36 (4.37) [2.58, 20.16] |
| Uniform(-200, 200) | Gamma(0.001, 0.001) | 25.35 (3.57) [18.38, 32.61] | 7.18 (4.84) [0.06, 17.12] |
| Normal(0, ) | Gamma(0.001, 0.001) | 25.3 (3.53) [18.5, 32.5] | 7.08 (4.8) [0.07, 16.96] |
| Uniform(-200, 200) | Normal(0, ) I(0,) | 25.61 (4.06) [17.72, 33.89] | 10.35 (4.27) [2.83, 19.83] |
| Normal(0, ) | Normal(0, ) I(0,) | 25.59 (4.07) [17.71, 33.9] | 10.25 (4.33) [2.12, 19.68] |

*Note*: For Gamma distributions, the prior is on the precision (i.e. ). The priors in bold are the ones on which the results in the paper are based.

## Mean N+1 Preview Effect for Chinese Studies [SFD]

|  |  |  |  |
| --- | --- | --- | --- |
| Prior on | Prior on | Posterior (SD) [95% CrI] | Posterior (SD) [95% CrI] |
| **Uniform(-200, 200)** | **Uniform(0, 200)** | 25.46 (7.88) [9.66, 41.23] | 17.64 (8.36) [6.08, 38.35] |
| Normal(0, ) | Uniform(0, 200) | 25.24 (7.81) [9.47, 40.65] | 17.53 (8.2) [6.12, 37.8] |
| Uniform(-200, 200) | Gamma(0.001, 0.001) | 25.53 (6.6) [12.13, 38.64] | 13.52 (7.3) [0.31, 30.12] |
| Normal(0, ) | Gamma(0.001, 0.001) | 25.4 (6.52) [12.1, 38.24] | 13.55 (7.4) [0.28, 30.3] |
| Uniform(-200, 200) | Normal(0, ) I(0,) | 25.42 (7.81) [9.74, 41.02] | 17.49 (8.34) [6.05, 37.68] |
| Normal(0, ) | Normal(0, ) I(0,) | 25.34 (7.63) [9.96, 40.42] | 17.28 (7.93) [6.04, 36.54] |

*Note*: For Gamma distributions, the prior is on the precision (i.e. ). The priors in bold are the ones on which the results in the paper are based.

## Mean N+1 Preview Effect for Chinese Studies [GD]

|  |  |  |  |
| --- | --- | --- | --- |
| Prior on | Prior on | Posterior (SD) [95% CrI] | Posterior (SD) [95% CrI] |
| **Uniform(-200, 200)** | **Uniform(0, 200)** | 46.83 (6.46) [34.63, 60.15] | 19.5 (5.73) [10.12, 32.75] |
| Normal(0, ) | Uniform(0, 200) | 46.66 (6.42) [34.37, 59.76] | 19.52 (5.84) [10.09, 32.91] |
| Uniform(-200, 200) | Gamma(0.001, 0.001) | 46.57 (6.11) [35.08, 59.17] | 17.88 (5.47) [8.71, 30.24] |
| Normal(0, ) | Gamma(0.001, 0.001) | 46.34 (6.17) [34.81, 58.97] | 17.78 (5.53) [8.4, 30.08] |
| Uniform(-200, 200) | Normal(0, ) I(0,) | 46.82 (6.41) [34.5, 59.99] | 19.44 (5.73) [10.12, 32.39] |
| Normal(0, ) | Normal(0, ) I(0,) | 46.64 (6.39) [34.49, 59.8] | 19.37 (5.72) [10.03, 32.57] |

*Note*: For Gamma distributions, the prior is on the precision (i.e. ). The priors in bold are the ones on which the results in the paper are based.

