Table28

Adam Garber

Table28

Read simulation summary output files for each sample size condition

NOTE: The 9 output files were copied to folder C1\_Outputs for accessibility

Calculate results: Group by condition (NOTE: Values are averaged across model parameters)

Table 28

Table 1:

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| Condition | avg\_Bias | max\_Bias | avg\_SE\_Bias | max\_SE\_Bias | avg\_Coverage | avg\_Power |
| --- | --- | --- | --- | --- | --- | --- |
| N=500 | 18.80 | 127.23 | 32.42 | 89.13 | 0.92 | 0.96 |
| N=1000 | 5.40 | 58.39 | 18.47 | 80.97 | 0.95 | 0.98 |
| N=1500 | 2.59 | 29.92 | 12.10 | 76.34 | 0.95 | 0.99 |
| N=2000 | 1.46 | 12.88 | 7.98 | 70.83 | 0.95 | 1.00 |
| N=2500 | 1.09 | 8.41 | 6.31 | 64.01 | 0.95 | 1.00 |
| N=3000 | 0.83 | 4.54 | 5.34 | 53.19 | 0.95 | 1.00 |
| N=4000 | 0.63 | 2.46 | 3.23 | 36.86 | 0.95 | 1.00 |
| N=5000 | 0.50 | 1.70 | 1.74 | 5.59 | 0.95 | 1.00 |
| N=6000 | 0.42 | 1.45 | 1.94 | 6.30 | 0.95 | 1.00 |

Table 29

Extract fit data

Create table

Table 2:

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| Title | Parameters | LL | BIC | aBIC | CAIC | AWE | BLRT\_PValue | T11\_VLMR\_PValue | BF | cmPk |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4-Class | 71.00 | -27,013.31 | 54,595.07 | 54,369.48 | 54,666.07 | 55,376.53 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5-Class | 89.00 | -26,202.59 | 53,117.74 | 52,834.95 | 53,206.74 | 54,097.31 | 0.00 | 0.00 | 56,753,257,019,292,415,688,704.00 | 1.00 |
| 6-Class | 107.00 | -26,182.92 | 53,222.52 | 52,882.54 | 53,329.53 | 54,400.21 | 0.67 | 0.17 | NA | 0.00 |

