|  |  | |  | |  | |  | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Method** | **Bias** | **Cov** | **Bias** | **Cov** | **Method** | **Bias** | **Cov** | **Bias** |
| CCA | -0.164 | 59.9 | 0.051 | 35.9 | -0.085 | 64.7 | 0.091 | 97.1 |
| SI ~ X\*A\*Y | 0.019 | 90.7 | -0.013 | 91.2 | -0.029 | 83.9 | 0.011 | 84.3 |
| MI ~ X\*A\*Y | 0.020 | 95.0 | -0.014 | 95.6 | -0.029 | 94.0 | 0.013 | 94.8 |
| MMI ~ X+A+Y | 0.102 | 93.0 | -0.195 | 88.5 | -0.160 | 80.0 | 0.303 | 72.1 |
| MMI ~ X+A\*Y | 0.027 | 94.7 | -0.037 | 95.3 | -0.043 | 92.5 | 0.052 | 94.5 |
| MMI ~ X\*A+Y | 0.100 | 92.7 | -0.183 | 89.5 | -0.151 | 82.3 | 0.276 | 75.7 |
| MMI ~ X\*A+Y\*A | 0.034 | 95.0 | -0.046 | 95.5 | -0.049 | 92.6 | 0.061 | 93.6 |
| MMI ~ X\*A\*Y | -0.002 | 95.8 | 0.001 | 95.6 | 0.006 | 93.8 | -0.011 | 94.6 |
| Logit Gibbs ~ X+A+Y | 0.105 | 92.7 | -0.196 | 89.2 | -0.163 | 82.9 | 0.304 | 72.0 |
| Logit Gibbs ~ X+A\*Y | 0.030 | 95.4 | -0.039 | 96.1 | -0.046 | 95.2 | 0.055 | 95.7 |
| Logit Gibbs ~ X\*A+Y | 0.101 | 93.7 | -0.181 | 89.6 | -0.153 | 83.2 | 0.273 | 77.7 |
| Logit Gibbs ~ X\*A+Y\*A | 0.036 | 95.1 | -0.046 | 95.5 | -0.052 | 93.8 | 0.062 | 95.7 |
| Logit Gibbs ~ X\*A\*Y | 0.001 | 96.0 | -0.001 | 96.2 | 0.001 | 95.2 | -0.008 | 96.2 |