Simulation Settings

$$I = 500$$

$$J = 2$$

$$T = 20$$

$$T = 20$$
 $\bar{\beta} = -1.5$ $\sigma_{\beta} = 0.4$ $M = 1$

$$\sigma_{\rm g} = 0.4$$

$$M = 1$$

Parameters to be Estimated and Estimation Results

| Dataset | $ar{eta}$ | $\sigma_{oldsymbol{eta}}$ |
|---------------|-----------|---------------------------|
| 1 | -1.5116 | 0.0020 |
| 2 | -1.2497 | 0.0019 |
| 3 | -1.9797 | 0.0018 |
| 4 | -1.2982 | 0.0020 |
| 5 | -1.6797 | 0.0019 |
| 6 | -1.3585 | 0.0018 |
| 7 | -1.2157 | 0.0022 |
| 8 | -1.3327 | 0.0020 |
| 9 | -1.7121 | 0.0019 |
| 10 | -1.6474 | 0.0018 |
| Bootstrapping | -1.4985 | 0.2369 |
| True | -1.5 | 0.4 |