**Table 1**

*Statistics from Monte Carlo, Bootstrap, and Jacknife methods*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Method** | **Estimate** | **Parameter** | **Mean** | **SE** | **Variance** | **Bias** | **MSE** |
| Monte Carlo |  | 0.053 | 0.053 | 0 | 0 | 0 | 0 |
|  | 0.7693 | 0.585 | 0.004 | 0.017 | -0.1843 | 0.051 |
|  | 0.053 | 0.146 | 0.036 | 1.317 | 0.093 | 1.324 |
|  | 0.7693 | 121.727 | 29.594 | 875788.198 | 120.9577 | 889543.113 |
| Bootstrap |  | 0.053 | 0.058 | 0 | 0 | 0.005 | 0 |
|  | 0.7693 | 0.477 | 0.004 | 0.012 | -0.2923 | 0.098 |
|  | 0.053 | -0.01 | 0.139 | 19.221 | -0.063 | 19.206 |
|  | 0.7693 | 3220.335 | 2961.135 | 8768318050 | 3219.5657 | 8769915333 |
| Jacknife |  | 0.053 | 0.057 | 0 | 0 | 0.004 | 0 |
|  | 0.7693 | 0.51 | 0.003 | 0 | -0.2593 | 0.068 |
|  | 0.053 | 0.133 | 0.129 | 0.667 | 0.08 | 0.657 |
|  | 0.7693 | 96.4 | 87.796 | 308322.929 | 95.6307 | 309760.012 |