**Table SM2.5**

*Absolute deviation between empirical and theoretical means as well as ratio between empirical and theoretical variances for unbiased estimators, when population variances and sample sizes are equal across groups (condition a).*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Absolute deviation between empirical and theoretical means**  **|E()-|** | | | | **Ratio between empirical and theoretical variances** | | | |
| **Estimator ()** | **Max** | **Min** | **Mean** | **Standard deviation** | **Max** | **Min** | **Mean** | **Standard deviation** |
| **Cohen’s *g*** | **0,011** | **0,000** | **0,002** | **0,003** | **1,006** | **0,911** | **0,976** | **0,028** |
| **Glass’s *g*1** | **0,021** | **0,000** | **0,004** | **0,006** | **1,006** | **0,897** | **0,966** | **0,033** |
| **Glass’s *g*2** | **0,022** | **0,000** | **0,004** | **0,007** | **1,005** | **0,889** | **0,966** | **0,035** |
| **Cohen’s *g\**** | **0,015** | **0,000** | **0,003** | **0,004** | **1,006** | **0,908** | **0,975** | **0,029** |
| **Shieh’s *g*** | **0,008** | **0,000** | **0,002** | **0,002** | **1,006** | **0,908** | **0,975** | **0,029** |