**Table S2**

*Multivariate Skewness and Kurtosis*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sample | Skewness | | |  | Kurtosis | | |
|  | *b*1, *p* | *z*1, *p* | *p*skew |  | *b*2, *p* | *z*2, *p* | *p*kurt |
| 1 | 118.2 | 5890.09 | <.001 |  | 672.6 | 52.74 | <.001 |
| 2 | 61.61 | 4774.91 | <.001 |  | 585.58 | 35.59 | <.001 |
| 3 | 85.93 | 2964.53 | <.001 |  | 540.36 | 13.28 | <.001 |
| 4 | 167.28 | 2481.28 | <.001 |  | 514.79 | 4.83 | <.001 |

*Note. b*1, *p =* Mardia’s skewness; *z*1, *p* = test statistic of Mardia’s skewness; *p*skew= *p*-value of the test statistic of Mardia’s skewness; *b*2, *p =* Mardia’s kurtosis; *z*2, *p* = test statistic of Mardia’s kurtosis; *p*kurt= *p*-value of the test statistic of Mardia’s kurtosis.