# *Bayesian Analysis: Posterior distribution table*

| Locus | Parameter | 2.5% | 25.0% | Mode | 75.0% | 97.5% | Median | Mean |
|---|---|---|---|---|---|---|---|---|
| 1 | $\Theta_1$ | 0.08961 | 0.11681 | 0.14801 | 0.17921 | 0.29281 | 0.16721 | 0.17748 |
| 1 | $\Theta_2$ | 0.00001 | 0.00321 | 0.01361 | 0.02401 | 0.13441 | 0.02161 | 0.07699 |
| 1 | $\Theta_3$ | 0.00001 | 0.00001 | 0.01361 | 0.02401 | 0.54560 | 0.02481 | 0.12032 |
| 1 | $\Theta_4$ | 0.00641 | 0.02241 | 0.03441 | 0.04321 | 0.07201 | 0.03761 | 0.03801 |
| 1 | $M_{2->1}$ | 0.0 | 0.0 | 1.0 | 6.0 | 18.0 | 7.0 | 2.6 |
| 1 | $M_{3->1}$ | 0.0 | 0.0 | 1.0 | 6.0 | 16.0 | 7.0 | 1.7 |
| 1 | $M_{4->1}$ | 0.0 | 0.0 | 1.0 | 6.0 | 16.0 | 7.0 | 2.1 |
| 1 | $M_{1->2}$ | 0.0 | 6.0 | 29.0 | 56.0 | 182.0 | 51.0 | 64.6 |
| 1 | $M_{3->2}$ | 0.0 | 0.0 | 1.0 | 52.0 | 518.0 | 53.0 | 150.2 |
| 1 | $M_{4->2}$ | 0.0 | 0.0 | 1.0 | 56.0 | 406.0 | 57.0 | 159.8 |
| 1 | $M_{1->3}$ | 0.0 | 0.0 | 1.0 | 20.0 | 88.0 | 21.0 | 27.3 |
| 1 | $M_{2->3}$ | 0.0 | 0.0 | 1.0 | 36.0 | 268.0 | 37.0 | 158.2 |
| 1 | $M_{4->3}$ | 0.0 | 0.0 | 23.0 | 160.0 | 454.0 | 161.0 | 291.1 |
| 1 | $M_{1->4}$ | 0.0 | 0.0 | 1.0 | 12.0 | 38.0 | 13.0 | 11.6 |
| 1 | $M_{2->4}$ | 0.0 | 0.0 | 1.0 | 18.0 | 94.0 | 19.0 | 26.4 |
| 1 | $M_{3->4}$ | 0.0 | 0.0 | 1.0 | 44.0 | 160.0 | 45.0 | 56.6 |
| 1 | $\mu \; [10^{-4}]$ | 3.23685 | 5.03505 | 6.60848 | 7.73235 | 9.08100 | 7.05802 | 6.54878 |