**Appendix 3.** The posterior probabilities for specimens from the several geographical samples according to discriminant analysis

| Posterior probabilities of belonging to morphological clusters |
| --- |
| males |
| Case No. | Sample | G1  | G2b  | G2a  | Burma  |
| 143 | Sichuan | 0.00 | 0.02 | **0.57** | **0.42** |
| 279 | Jeju Island | 0.00 | 0.00 | **0.99** | 0.01 |
| 280 | Jeju Island | 0.00 | 0.00 | **0.95** | 0.05 |
| 301 | Tsushima | 0.00 | **1.00** | 0.00 | 0.00 |
| 302 | Tsushima | 0.00 | **0.97** | 0.03 | 0.00 |
| 303 | Tsushima | 0.00 | 0.00 | **0.91** | 0.08 |
| 304 | Tsushima | 0.00 | **0.55** | **0.45** | 0.00 |
| 305 | Tsushima | 0.00 | 0.01 | **0.99** | 0.01 |
| 306 | Tsushima | 0.00 | 0.05 | **0.95** | 0.00 |
| 307 | Tsushima | 0.00 | 0.03 | **0.96** | 0.02 |
| 308 | Tsushima | 0.00 | 0.00 | **0.80** | 0.19 |
| 309 | Tsushima | 0.00 | 0.11 | **0.89** | 0.00 |
| 310 | Tsushima | 0.00 | 0.00 | **0.85** | 0.14 |
| 311 | Tsushima | 0.00 | 0.00 | 0.24 | **0.75** |
| 312 | Tsushima | 0.00 | 0.00 | **0.99** | 0.01 |
| 313 | Tsushima | 0.00 | 0.02 | **0.82** | 0.17 |
| 314 | Tsushima | 0.00 | 0.81 | 0.19 | 0.00 |
| 315 | Tsushima | 0.00 | 0.13 | **0.78** | 0.09 |
| 316 | Tsushima | 0.00 | 0.01 | 0.24 | **0.74** |
| 317 | Tsushima | 0.00 | 0.09 | **0.83** | 0.08 |
| 318 | Tsushima | 0.00 | 0.04 | **0.96** | 0.00 |
| 359 | Tyva | 0.00 | 0.00 | **0.99** | 0.01 |
| females |
| Case No. | Sample | G1 | “*M. s. sibirica*” | “*M. s. manchurica*” |
| 1 | India | **1.00** | 0.00 | 0.00 |
| 2 | India | **0.40** | 0.06 | **0.54** |
| 3 | India | **0.93** | 0.03 | 0.05 |
| 4 | India | 0.27 | 0.20 | **0.53** |
| 5 | Tibet | 0.00 | **0.96** | 0.04 |
| 6 | Afghanistan | **0.68** | 0.00 | 0.32 |
| 7 | Baraba steppe | 0.00 | **0.93** | 0.07 |
| 8 | Baraba steppe | 0.00 | 0.39 | **0.61** |
| 9 | Baraba steppe | 0.00 | **0.77** | 0.23 |
| 10 | Baraba steppe | 0.00 | **0.99** | 0.01 |
| 11 | Baraba steppe | 0.00 | **0.95** | 0.05 |
| 12 | Baraba steppe | 0.00 | **0.90** | 0.10 |
| 13 | Baraba steppe | 0.00 | **0.61** | 0.39 |
| 14 | Baraba steppe | 0.00 | 0.24 | **0.76** |
| 15 | Baraba steppe | 0.00 | **0.94** | 0.06 |
| 16 | Baraba steppe | 0.00 | **0.80** | 0.20 |
| 17 | Baraba steppe | 0.00 | **0.86** | 0.14 |
| 18 | Baraba steppe | 0.00 | **0.92** | 0.08 |
| 19 | Baraba steppe | 0.00 | **0.96** | 0.04 |
| 20 | Baraba steppe | 0.02 | **0.63** | 0.35 |
| 21 | Baraba steppe | 0.00 | **0.81** | 0.19 |
| 23 | Primorsky Krai | 0.00 | **0.61** | 0.39 |
| 24 | Primorsky Krai | 0.00 | **0.46** | **0.54** |
| 25 | Primorsky Krai | 0.00 | 0.24 | **0.76** |
| 26 | Primorsky Krai | 0.00 | 0.18 | **0.82** |
| 27 | Primorsky Krai | 0.00 | 0.39 | **0.61** |
| 28 | Primorsky Krai | 0.00 | **0.52** | **0.48** |
| 29 | Primorsky Krai | 0.00 | **0.47** | **0.53** |
| 30 | Primorsky Krai | 0.01 | 0.23 | **0.76** |
| 31 | Primorsky Krai | 0.00 | **0.50** | **0.50** |
| 32 | Primorsky Krai | 0.00 | **0.71** | 0.29 |