**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 | |