|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | A.gracile | A.talpoideum | A.maculatum | A.macrodactylum | A.opacum | A.jeffersonianum | A.laterale | A.mabeei | A.texanum | A.annulatum | A.tigrinum | A.mavortium |
| A.talpoideum | 0.001 |  |  |  |  |  |  |  |  |  |  |  |
| A.maculatum | 0.001 | 0.002 |  |  |  |  |  |  |  |  |  |  |
| A.macrodactylum | 0.001 | 0.001 | 0.001 |  |  |  |  |  |  |  |  |  |
| A.opacum | 0.015 | 0.001 | 0.001 | 0.001 |  |  |  |  |  |  |  |  |
| A.jeffersonianum | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 |  |  |  |  |  |  |  |
| A.laterale | 0.001 | 0.001 | 0.001 | 0.104 | 0.002 | 0.001 |  |  |  |  |  |  |
| A.mabeei | 0.001 | 0.001 | 0.001 | 0.043 | 0.001 | 0.001 | 0.531 |  |  |  |  |  |
| A.texanum | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |  |  |  |  |
| A.annulatum | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.003 | 0.001 | 0.011 |  |  |  |
| A.tigrinum | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |  |  |
| A.mavortium | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 |  |
| A.velasci | 0.076 | 0.001 | 0.001 | 0.001 | 0.002 | 0.002 | 0.001 | 0.001 | 0.001 | 0.01 | 0.011 | 0.198 |

Table XXX. Pairwise P-values from a post-hoc permutational pairwise MANOVA analysis of linear measurements of the atlas taken using digital calipers.