

## Chi-Squared Table for Inversions

Table content structure: Chi-Squared, Degrees Of Freedom and (if necessary) Significance Code

Significance threshold signs used in the table:

$<0.05$  \*

$<0.01$  \*\*

$<0.001$  \*\*\*

|             | lat                | long               | continent          | lat:long           | lat:continent      | long:continent     | lat:long:continent |
|-------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| In.3R.Payne | 6.7713 (df=1) **   | 6.7918 (df=1) **   | 11.9301 (df=5) *   | 2.4595 (df=1)      | 10.1078 (df=5)     | 13.806 (df=5) *    | 12.2352 (df=5) *   |
| In.2L.t     | 3.1139 (df=1)      | 3.3185 (df=1)      | 34.4506 (df=5) *** | 0.4155 (df=1)      | 42.1654 (df=5) *** | 10.3151 (df=5)     | 11.1737 (df=5) *   |
| In.2R.Ns    | 0.2804 (df=1)      | 0.1404 (df=1)      | 12.0934 (df=5) *   | 0.0084 (df=1)      | 14.8932 (df=5) *   | 16.6252 (df=5) **  | 17.3932 (df=5) **  |
| In.3R.C     | 0.0103 (df=1)      | 0.0165 (df=1)      | 21.3799 (df=5) *** | 0.1354 (df=1)      | 20.8439 (df=5) *** | 26.7845 (df=5) *** | 28.982 (df=5) ***  |
| In.3R.K     | 31.9166 (df=1) *** | 18.4327 (df=1) *** | 29.4262 (df=5) *** | 11.6473 (df=1) *** | 33.1895 (df=5) *** | 6.4282 (df=5)      | 9.2205 (df=5)      |
| In.3L.P     | 1.7983 (df=1)      | 0.2384 (df=1)      | 44.7111 (df=5) *** | 0.2294 (df=1)      | 36.0846 (df=5) *** | 14.5056 (df=5) *   | 14.787 (df=5) *    |
| In.3R.Mo    | 0 (df=1)           | 0 (df=1)           | 1.8333 (df=5)      | 0 (df=1)           | 2.7665 (df=5)      | 2.6152 (df=5)      | 2.5484 (df=5)      |