**Table S2:** Testing of different biogeographical scenarios under a DEC+J model in BioGeoBEARS. M0 is the unconstrained model, whereas the other models constrain dispersal into either western (W), central (C), eastern (E) or southern (S) areas. The latter hypothesis could not be calculated due to the low initial likelihood of the assumption. Given are the logLikelihood, the number of allowed dispersal directions between areas (n), the resulting dispersal (d), extinction (e) and founder-event speciation (j) rates as well as the Akaike Information Criterion and its difference to the best model.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **lnL** | **n** | **d** | **e** | **j** | **AIC** | **deltaAIC** |
| M0 | -80.9045 | 36 | 1.00E-12 | 1.00E-12 | 0.0308 | 234 | — |
| MW | -93.4208 | 31 | 1.00E-12 | 1.00E-12 | 0.0359 | 249 | 15 |
| MC | -94.1759 | 31 | 1.00E-12 | 1.00E-12 | 0.0493 | 250 | 16 |
| ME | -95.1096 | 31 | 1.59E-03 | 1.00E-12 | 0.0310 | 252 | 18 |
| MS | NA | 31 | NA | NA | NA | NA | NA |