**S3 Table. Results from the** Bayes Factor (BF) and Approximate Unbiased (AU) **hypothesis test analyses.** Bayes Factors for the competing hypotheses are provided. Difference in the Likelihood between the competing hypotheses and the best topology as well as the p-values obtained from the AU test are given. Asterisks indicate evidence in favor to that hypothesis for the BFs and not rejected hypotheses in the AU tests.

|  |  |  |
| --- | --- | --- |
| **BAYES FACTOR ANALYSES** | | |
|  | ITS | *trn*T-*trn*L |
| ITS | \_ | 4670,13 |
| *trn*T-*trn*L | -4679,13\* | \_ |
| **APPROXIMATE UNBIASED TEST** | | |
|  | ITS | trnT-trnL |
| ITS | -5207\* (p=0,24) | -7692,92 (p=0) |
| *trn*T-*trn*L | -48161,1 (p=0) | -4134,57\* (p=0,24) |