|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | G2 | df | P | AIC | ΔAIC |
| 1. TLS, FS | 241.69 | 41 | 0.00 |  159.69 | 14.96 |
| 2. TLS, FST | 238.47 | 38 | 0.00 | 162.47 | 17.74 |
| 3. TLS, FSL | 220.73 | 38 | 0.00 | 144.73 | 0.00 |
| 4. TLS, FST, FSL | 217.01 | 35 | 0.00 | 147.01 | 2.28 |
| 5. TLSF | 0.00 | 0 | 1.00 | 0.00 | 144.73 |

**Supplemental file Table 3: AIC values for each of the models applied to the transition data obtained for *Orbicella annularis.* F= Fate, S=Stage, T=Time, L=Location. G-squared = goodness of fit. df= degree of freedom.**