| Model | Number of estimated parameters | Log Likelihood | AIC | AIC weight |
| --- | --- | --- | --- | --- |
| CTD4 | 17 | 190.03 | -346.05 | 1 |
| CTD3 | 10 | 174.85 | -329.70 | 0 |
| MuHiSSE | 13 | 137.54 | -249.08 | 0 |
| CTD2 | 5 | 121.63 | -233.27 | 0 |
| MuSSE | 6 | -221.84 | 455.67 | 0 |