| Model | Degrees of freedom | AIC | Δ AIC | Relative likelihood | AIC weight |
| --- | --- | --- | --- | --- | --- |
| **Arroyo Quemado** | | | | | |
| Step | 3 | 761.05 | 3.04 | 0.22 | 17.94 |
| **Linear** | **3** | **758.01** | **0** | **1** | **82.06** |
| Asymptotic | 4 | 872.61 | 114.6 | 0 | 0 |
| Sigmoid | 5 | 847.02 | 89.02 | 0 | 0 |
| **Naples** | | | | | |
| Step | 3 | 737.42 | 1.38 | 0.5 | 27.39 |
| **Linear** | **3** | **736.04** | **0** | **1** | **54.62** |
| Asymptotic | 4 | 826.39 | 90.36 | 0 | 0 |
| Sigmoid | 5 | 738.26 | 2.22 | 0.33 | 17.99 |
| **Mohawk** | | | | | |
| Step | 3 | 845.71 | 12.67 | 0 | 0.14 |
| **Linear** | **3** | **833.04** | **0** | **1** | **79.85** |
| Asymptotic | 4 | 983.63 | 150.59 | 0 | 0 |
| Sigmoid | 5 | 835.81 | 2.77 | 0.25 | 20 |
| **Carpinteria** | | | | | |
| **Step** | **3** | **716.59** | **0** | **1** | **58.29** |
| Linear | 3 | 717.47 | 0.88 | 0.64 | 37.47 |
| Asymptotic | 4 | 748.5 | 31.92 | 0 | 0 |
| Sigmoid | 5 | 721.83 | 5.24 | 0.07 | 4.24 |