| Site | Model | Degrees of freedom | AIC | Δ AIC | Relative likelihood | AIC weight |
| --- | --- | --- | --- | --- | --- | --- |
| Arroyo Quemado | Step | 3 | 715.16 | 7.36 | 0.03 | 2.24 |
| **Linear** | 3 | 707.79 | **0.00** | 1.00 | 88.88 |
| Asymptotic | 4 | 826.74 | 118.95 | 0.00 | 0.00 |
| Sigmoid | 5 | 712.40 | 4.61 | 0.10 | 8.88 |
| Naples | Step | 3 | 706.34 | 2.16 | 0.34 | 21.50 |
| Linear | 3 | 707.05 | 2.86 | 0.24 | 15.13 |
| Asymptotic | 4 | 793.61 | 89.43 | 0.00 | 0.00 |
| **Sigmoid** | 5 | 704.18 | **0.00** | 1.00 | 63.37 |
| Mohawk | Step | 3 | 793.49 | 13.72 | 0.00 | 0.08 |
| **Linear** | 3 | 779.78 | **0.00** | 1.00 | 73.56 |
| Asymptotic | 4 | 915.07 | 135.30 | 0.00 | 0.00 |
| Sigmoid | 5 | 781.83 | 2.05 | 0.36 | 26.37 |
| Carpinteria | **Step** | 3 | 675.34 | **1.05** | 0.59 | 34.49 |
| **Linear** | 3 | 674.29 | **0.00** | 1.00 | 58.36 |
| Asymptotic | 4 | 714.59 | 40.30 | 0.00 | 0.00 |
| Sigmoid | 5 | 678.49 | 4.20 | 0.12 | 7.16 |