| Site | Model | Degrees of freedom | AIC | Δ AIC | Relative likelihood | AIC weight |
| --- | --- | --- | --- | --- | --- | --- |
| Arroyo Quemado | Step | 3 | 708.55 | 7.42 | 0.02 | 2.17 |
| **Linear** | 3 | 701.12 | **0.00** | 1.00 | 88.88 |
| Asymptotic | 4 | 820.92 | 119.80 | 0.00 | 0.00 |
| Sigmoid | 5 | 705.72 | 4.59 | 0.10 | 8.94 |
| Naples | **Step** | 3 | 699.11 | **0.00** | 1.00 | 40.47 |
| **Linear** | 3 | 700.06 | **0.95** | 0.62 | 25.20 |
| Asymptotic | 4 | 787.87 | 88.76 | 0.00 | 0.00 |
| **Sigmoid** | 5 | 699.44 | **0.33** | 0.85 | 34.33 |
| Mohawk | Step | 3 | 787.74 | 13.66 | 0.00 | 0.08 |
| **Linear** | 3 | 774.08 | **0.00** | 1.00 | 72.98 |
| Asymptotic | 4 | 909.36 | 135.28 | 0.00 | 0.00 |
| **Sigmoid** | 5 | 776.08 | **1.99** | 0.37 | 26.95 |
| Carpinteria | **Step** | 3 | 669.94 | **1.07** | 0.59 | 34.28 |
| **Linear** | 3 | 668.87 | **0.00** | 1.00 | 58.52 |
| Asymptotic | 4 | 709.28 | 40.41 | 0.00 | 0.00 |
| Sigmoid | 5 | 673.06 | 4.19 | 0.12 | 7.20 |