| **Model name** | **Equation** | **Reference** | **Parameter and AIC** (  AIC) |
| --- | --- | --- | --- |
| beta |  | (Niehaus et al., 2012) |  |
| boatman |  | (Boatman et al., 2017) |  |
| briere1 |  | (Briere et al., 1999) | Did not converge |
| briere2 |  | (Briere et al., 1999) |  |
| flextpc |  | (Cruz-Loya et al., 2024) |  |
| joehnk |  | (Jöhnk et al., 2008) |  |
| kamykowski |  | (Kamykowski, 1986) |  |
| lactin1 |  | (Lactin et al., 1995) |  |
| lactin2 |  | (Lactin et al., 1995) | Did not converge |
| linear |  | (Campbell et al., 1974) |  |
| lrf | ,  where: | (Rosso et al., 1993) |  |
| mod\_polynomial |  | (Rebaudo et al., 2018) | Converged but was discarded (biologically unrealistic) |
| mod\_weibull |  | (Angilletta, 2006) |  |
| oneill | ,  where: ,  and: | (Krenek et al., 2011) |  |
| pawar |  | (Kontopoulos et al., 2018) | Did not converge |
| ratkowsky |  | (Ratkowsky et al., 1983) |  |
| regniere |  | (Régnière et al., 2012) | Did not converge |
| schoolfield |  | (Schoolfield et al., 1981) | Did not converge |
| thomas |  | (Thomas et al., 2012) |  |
| wang |  | (Wang et al., 1982) |  |