**Table S2.** Mathematical formulas utilized to fit each of the seven functions used in the analysis.

|  |  |
| --- | --- |
| **Function** | **Formula** |
| Gaussian | $$ae^{\left.-0.5×\left(\frac{x-c}{b}\right)^{2}\right.}$$ |
| Modified Gaussian | $$ae^{\left.-0.5×abs\left(\frac{x-d}{b}\right)^{c}\right.}$$ |
| Beta | $$k\left.\left(x-a\right)^{c}\left(b-x\right)^{d}\right.$$ |
| Brière2 | $$ax\left.\left(x-b\right)(c-x)\right.^{\frac{1}{d}}$$ |
| Performance | $$k\left.\left(1-e^{\left.-a\left(x-b\right)\right.}\right)\left(1-e^{\left.c\left(x-d\right)\right.}\right)\right.$$ |
| Logan1 | $$a\left(e^{bx}-e^{\left.bc-\left.\frac{c-x}{d}\right.\right.}\right)$$ |
| Quadratic | $$a+bx+cx^{2}$$ |