

$$\text{Asymptotic Regression: } f_{\theta}(x) = \theta_1 + (\theta_2 - \theta_1) e^{-e^{\theta_3} x}$$

$$\text{First derivative: } f'_{\theta}(x) = e^{\theta_3} (\theta_1 - f_{\theta}(x))$$

Params: θ_1 = Asymptote, θ_2 = Origin, θ_3 = Log of Rate [Rate = e^{θ_3}]

Pearson's Correlation

