Changes to the Rescorla-Warner Modified Model

1 Updating α

1.1 Alternative: Double α

$$\begin{aligned}\alpha^{n+1} &= \alpha^n + \Delta\alpha^n \\ &= \alpha^n + [\lambda\alpha^n_{\text{Mack}} + (1-\lambda)\alpha^n_{\text{Hall}}]\end{aligned}$$

$$\alpha^n_{\text{Mack}} = f(\lambda - V)$$

$$\alpha^n_{\text{Hall}} = -\alpha^n\delta \cdot e^{-\frac{(\nabla_1[f](n))^2}{2}} = -\alpha^n\delta e^{-\frac{(V^n_{\text{MA}} - V^{n-1}_{MA})^2}{2}}$$