

Rescorla-Wagner model equation:

$$\Delta V_{i,j}^n = \beta_j \cdot \alpha_i \cdot (\lambda_j^n - \sum_i V_i^n)$$

α_i Learning rate of the CS i or its *significance*.

β_j Learning rate parameter for the US or its *strength*.

λ_j Asymptote of learning; the maximum associative value the US can support.

$V_{i,j}^n$ Current associative strength between the CS and the US at time step n .