

Ref	Region	Bounds
Deperrois 2020 (STD)	Cortex	Soft

## Equation

$$\tau_w \frac{dw}{dt} = \gamma_p(1-w)\Theta([Ca] - \theta_p) - \gamma_d w \Theta([Ca] - \theta_d)$$

## Parameters

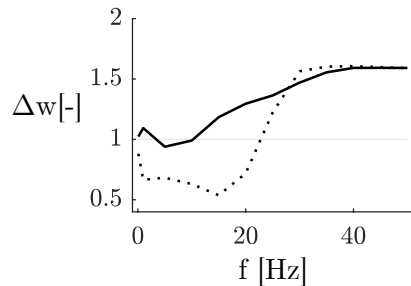
$$\begin{aligned} \tau_{Ca} &= 38.3492083 & \theta_p &= 1.63069609 \\ C_{pre} &= 3.99132241 & \theta_d &= 1 \\ C_{post} &= 1.12940834 & \gamma_p &= 564.392975 \\ D &= 9.23545841 & \gamma_d &= 111.320539 \\ \tau_w &= 299877.8 & \tau_{rec} &= 148.9192 \\ & & U &= 0.3838 \end{aligned}$$

## Supplementary information

$$\frac{dx}{dt} = \frac{1-x}{\tau_{rec}} - Ux \sum_{pre,i} \delta(t - t_i - D)$$

$$\frac{dc_{pre}}{dt} = -\frac{c_{pre}}{\tau_{Ca}} + wC_{pre}Ux \sum_{pre,i} \delta(t - t_{pre,i} - D)$$

## Fit



## Reset

