Ref	Region	Bounds
Graupner 2016	Cortex	Hard

Equation

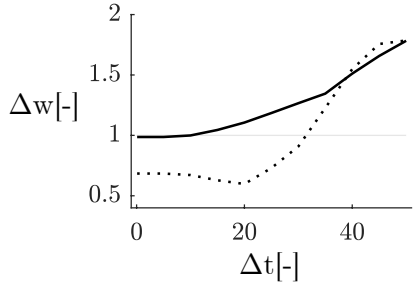
$$
\begin{aligned}
[Ca] < \theta_d \quad & \tau_w^0 \frac{dw}{dt} = \Omega^0 \\
[Ca] \in [\theta_d, \theta_p] \quad & \tau_w^d \frac{dw}{dt} = \Omega^d \\
[Ca] > \theta_p \quad & \tau_w^p \frac{dw}{dt} = \Omega^p
\end{aligned}
$$

Parameters

$\tau_{Ca} = 22.27212$
$C_{pre} = 0.8441$
$C_{post} = 1.62138$
$D = 9.53709$
$\tau_w = 520761.29$
$\tau_w^p = \tau_w$
$\tau_w^d = \tau_w$
$\tau_w^0 = 0$

$\theta_p = 2.009289$
$\theta_d = 1$
$\gamma_p = 597.08922$
$\gamma_d = 137.7586$
$\Omega^p = 0.5(\gamma_p - \gamma_d)$
$\Omega^d = -0.5\gamma_d$
$\Omega^0 = 0$

Fit



Reset