## Author Correction: Inhibitory connectivity defines the realm of excitatory plasticity

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## After print:

In the version of this article initially published, errors occurred in two equations: in equation (1), the external input  $H_a^{(ext)}$  should be divided by the membrane time constant  $\tau_m$ ; and in equation (8), a pre-factor  $\sqrt{\pi}$  that multiplies the integral is missing. The errors have been corrected in the HTML and PDF versions of the article.

Correction to: Nature Neuroscience https://doi.org/10.1038/s41593-018-0226-x, published online 17 September 2018.

Equation (1):

Original: 
$$\dot{v}_a^i(t) = -\frac{v_a^i(t)}{\tau} + h_a^i(t) + H_a^{(ext)}$$

$$\begin{split} \text{Original: } \dot{v}_a^i(t) &= -\frac{v_a^i(t)}{\tau_m} + h_a^i(t) + H_a^{(ext)} \\ \text{Corrected: } \dot{v}_a^i(t) &= -\frac{v_a^i(t)}{\tau_m} + h_a^i(t) + \frac{H_a^{(ext)}}{\tau_m} \end{split}$$

Equation (8): Original: 
$$\nu_a^i = \phi_a(h_a^i) = \left(\tau_{arp} + \tau_m \int_{\frac{\varphi_a \cdot \tau_m h_a^i}{\varphi_a \cdot \varphi_m}}^{\frac{\theta - \tau_m h_a^i}{\varphi_a \cdot \varphi_m}} dy e^{y^2} (1 + \operatorname{erf}(y))\right)^{-1}$$

Corrected: 
$$\nu_a^i = \phi_a(h_a^i) = \left(\tau_{arp} + \tau_m \sqrt{\pi} \int\limits_{\frac{V_R - \tau_m h_a^i}{\sigma_a \sqrt{\tau_m}}}^{\frac{\theta - \tau_m h_a^i}{\sigma_a \sqrt{\tau_m}}} dy e^{y^2} (1 + \operatorname{erf}(y))\right)^{-1}$$

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