



Erratum

To cite this article: (2006) Erratum, Network: Computation in Neural Systems, 17:3, 299-299, DOI: [10.1080/09548980600913597](https://doi.org/10.1080/09548980600913597)

To link to this article: <http://dx.doi.org/10.1080/09548980600913597>



Published online: 09 Jul 2009.



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Ann error occurred in the reproduction of Table I in the paper “Generation of time delays: Simplified models of intracellular signalling in cerebellar Purkinje cells” by V. Steuber, D. Willshaw and A. van Ooyen, in issue 17(2), pp. 173–191. The table should have appeared as follows:

Table I. Parameters of the five ODE model

Parameter	Description	Value
k_1	Rate constant for glutamate binding to mGluRs	$0.1 \mu\text{M}^{-1} \text{s}^{-1}$
k_1	Rate constant for glutamate dissociation from mGluRs	0.01s^{-1}
k_2	Rate constant for PKC phosphorylation of mGluRs	$4.0 \mu\text{M}^{-1} \text{s}^{-1}$
k_7	Rate constant for G-protein activated formation of IP ₃ /DAG	$0.2 \text{M}^{-1} \text{s}^{-1}$
k_8	Rate constant for Ca^{2+} activated formation of IP ₃ /DAG	40.0s^{-1}
k_9	Rate constant for IP ₃ /DAG degradation	80.0s^{-1}
k_{12}	Rate constant for Ca^{2+} activation of IP ₃ Rs	$60.0 \mu\text{M}^{-1.65} \text{s}^{-1}$
k_{13}	Rate constant for dissociation of Ca^{2+} from activated IP ₃ Rs	48.6s^{-1}
k_{14}	Rate constant for Ca^{2+} inactivation of IP ₃ Rs	$7.55 \mu\text{M}^{-1} \text{s}^{-1}$
k_{15}	Rate constant for dissociation of Ca^{2+} from inactivated IP ₃ Rs	0.0
k_{16}	Rate constant for release of Ca^{2+} from ER	$2.0 \mu\text{M}^{-1} \text{s}^{-1}$
k_{17}	Rate constant for removal of Ca^{2+} by the ATPase	$50.0 \mu\text{M}^{-1} \text{s}^{-1}$
K_C	Activation constant for Ca^{2+} activation of PLC	$20.0 \mu\text{M}^2$
K_I	Activation constant for IP ₃ activation of IP ₃ Rs	$0.2 \mu\text{M}$
K_{ATPase}	Binding constant for Ca^{2+} binding to the ATPase	$0.2 \mu\text{M}^2$
B_{max}	Total mGluR concentration	$20.0 \mu\text{M}$
I_{max}	Total (bound and unbound) IP ₃ concentration	$1.0 \mu\text{M}$
R_{max}	Total concentration of available IP ₃ Rs	$1.0 \mu\text{M}$
C_{ER}	Reticular Ca^{2+} concentration	1mM