

Correction to: Statistical crossover and nonextensive behavior of neuronal short-term depression

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The authors apologize for the following errors published in the article. However, these errors do not modify the main assumptions in our work nor affects the discussion (interpretation) of the results.

- (1) In Eqs. (17), (18) and (19), as the correct unities for parameters λ and μ are s (seconds) instead of s^{-1} (seconds⁻¹). The correct presentation of equations are the following:

$$\mu = \frac{pQ}{\kappa}, \quad (17)$$

$$\lambda - \mu = pQ\tau. \quad (18)$$

$$\frac{dR}{df} = -\left(\frac{pQ}{\kappa}\right)R^r - (pQ\tau)R^q. \quad (19)$$

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- (2) The correct equations imply a modification in the calculated values of parameters κ and p (the release probability) in Table 1, which is given below:

Reference	q	λ (s)	μ (s)	r	τ (s)	κ (s ⁻¹)	Q (arb.unit)	p
Fig. 3, Top	5.192	3.989	0.022	5.192	4.2	$\kappa = 42.933$	40.0	$p = 0.024$
Fig. 3, Bottom	4.326	0.205	0.004	1.000	1.1	$\kappa = 45.682$	36.5	$p = 0.005$
Fig. 4	7.933	0.790	0.009	1.013	8.0	$\kappa = 10.847$	40.0	$p = 0.002$

- (3) In the Discussion the following errors are corrected:

Page 11, first paragraph, line 13 is rewritten as "...In this framework, specific proteins may also participate in..."

Page 11, second paragraph, line 12 is rewritten as "...to sustained stimulus, leads to depletion of the readily available pool".

- (4) Conclusion:

Page 12, line 6 is rewritten as: "Both remarks encourage us to study how ubiquitous the...".

Page 12, line 16 is rewritten as: "...Lastly, we hope elaborating experimental protocols...".

- (5) We also change the Acknowledgments to thank the anonymous referees:

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