

CORRECTION

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Correction to: Linking demyelination to compound action potential dispersion with a spike-diffuse-spike approach

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The original article can be found online at <https://doi.org/10.1186/s13408-019-0071-6>

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Following publication of the original article [1], the authors noticed a mistake in the first paragraph within “Altered propagation”:

The phrase “When an internode undergoes demyelination, its transverse resistance is assumed to increase while its capacitance decreases [29]” should read: “When an internode undergoes demyelination, its transverse resistance is assumed to decrease while its capacitance increases [29]”

Figure 1(d) has also been corrected due to an incorrect arrangement of colors:

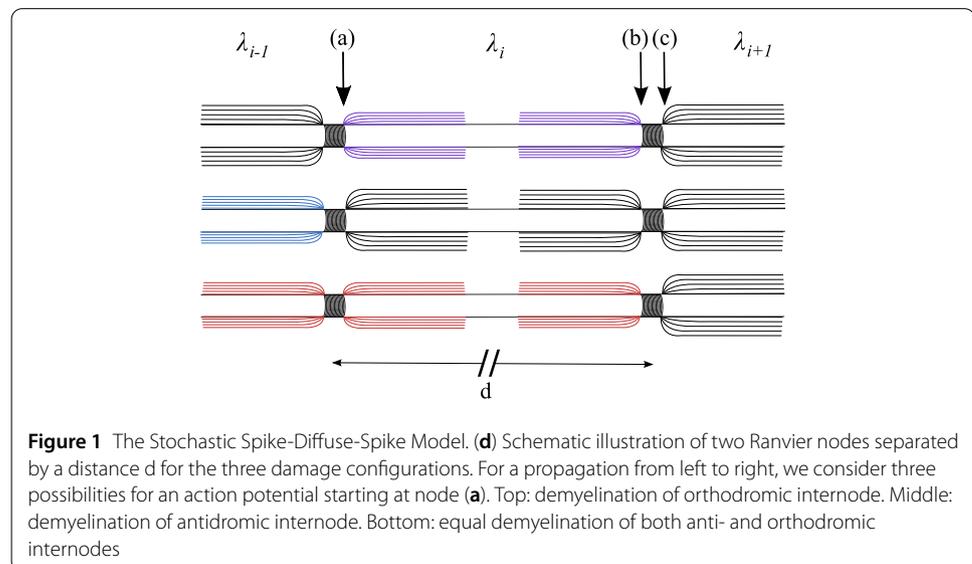


Figure 1 The Stochastic Spike-Diffuse-Spike Model. **(d)** Schematic illustration of two Ranvier nodes separated by a distance d for the three damage configurations. For a propagation from left to right, we consider three possibilities for an action potential starting at node **(a)**. Top: demyelination of orthodromic internode. Middle: demyelination of antidromic internode. Bottom: equal demyelination of both anti- and orthodromic internodes

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References

1. Naud R, Longtin A. Linking demyelination to compound action potential dispersion with a spike-diffuse-spike approach. *J Math Neurosci*. 2019;9:3. <https://doi.org/10.1186/s13408-019-0071-6>.

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