

Reply to “Prion Kinetics”

We agree with the correction of the last term of our Eq. 1 in Pöschel et al. (2003), which has an incorrect factor 2. As a consequence of this error, we claimed erroneously that the model by Masel et al. (1999) is inconsistent since it does not consider fragmentation of aggregates into two polymers, which are both smaller than the minimal stable size of n monomers. Although the text and Fig. 2 by Masel et al. (1999) do not consider this case, their equations do.

Correspondingly, the last two terms in Eq. 11 of Pöschel et al. (2003) for \dot{x} may be simplified as $n(n - 1)by$.

Fortunately, the above-mentioned incorrect equations have neither been used for the subsequent analysis nor for the numerical simulations. Therefore, all analytical and numerical results reported in Pöschel et al. (2003) stay unaffected.

We are grateful to Joanna Masel (2003, private communication) for pointing out this error in our article.

REFERENCES

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