A theoretical and empirical comparison of the temporal exponential random graph model and the stochastic actor-oriented model – Corrigendum

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In this article (Leifeld and Cranmer, 2019a), three of the thirteen model terms in the TERGM in Section 4 are contaminated by observations originating from the time step that is held out for out-of-sample assessment of model fit. This circularity invalidates the model comparison in the empirical example that was used for illustration.

The authors would like to thank Block et al. (2022) for pointing to the error and refer readers to their response to Block et al. (Leifeld and Cranmer, 2022). This exchange is briefly discussed in the Editors’ Note by Wasserman and Brandes (2022).

The authors would also like to note to readers that the replication data for the original study is available in the Dataverse repository (Leifeld and Cranmer, 2019b).

References


Leifeld, P., & Cranmer, S. (2022). The stochastic actor-oriented model is a theory as much as it is a method and must be subject to theory tests. Network Science, 10(1). https://doi.org/10.1017/nws.2022.7


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