

Correction to Figure 5

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There is an error in the code, “compare-CV-D.R”, generating Figure 5b of [1]. The main simulations counting the number of major state transition events in “compare-CV-D.R” and its companion, “compare-CV-u.R”, correctly used the parameters $r_1 = 1$, $r_2 = 2$, $r_3 = 5$ as described in the Methods section in [1]. However, on line 148 of “compare-CV-D.R,” I mistakenly used $r_1 = 1$, $r_2 = 4$, and $r_3 = 7$ to calculate $\tilde{y}^{(1)}$ and $\tilde{y}^{(2)}$ for the purposes of making Figure 5b; this has now been corrected. I show the original and corrected figures in Fig. C1. The Pearson correlation between $\tilde{y}^{(2)}/k_{\min} - \tilde{y}^{(1)}/k_{\max}$ and the magnitude of the range of D over which the multistage transitions occur, 0.59, is unchanged. The corrected version of the code is available on [GitHub](#).

References

- [1] Prosenjit Kundu, Neil G MacLaren, Hiroshi Kori, and Naoki Masuda. Mean-field theory for double-well systems on degree-heterogeneous networks. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 478: 20220350, 2022.

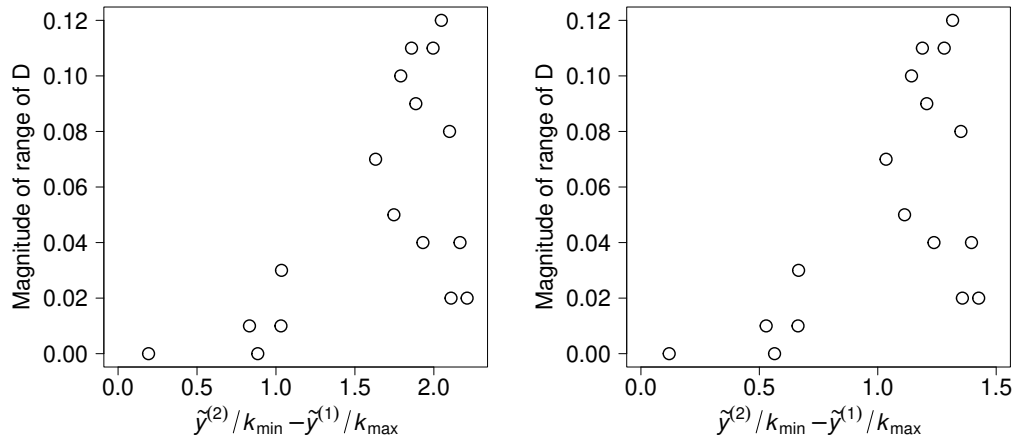


Figure C1: Original (left) and corrected (right) versions versions of Figure 5b from [1].