Corrigenda and Addenda

Correction: Uncovering Social States in Healthy and Clinical Populations Using Digital Phenotyping and Hidden Markov Models: Observational Study

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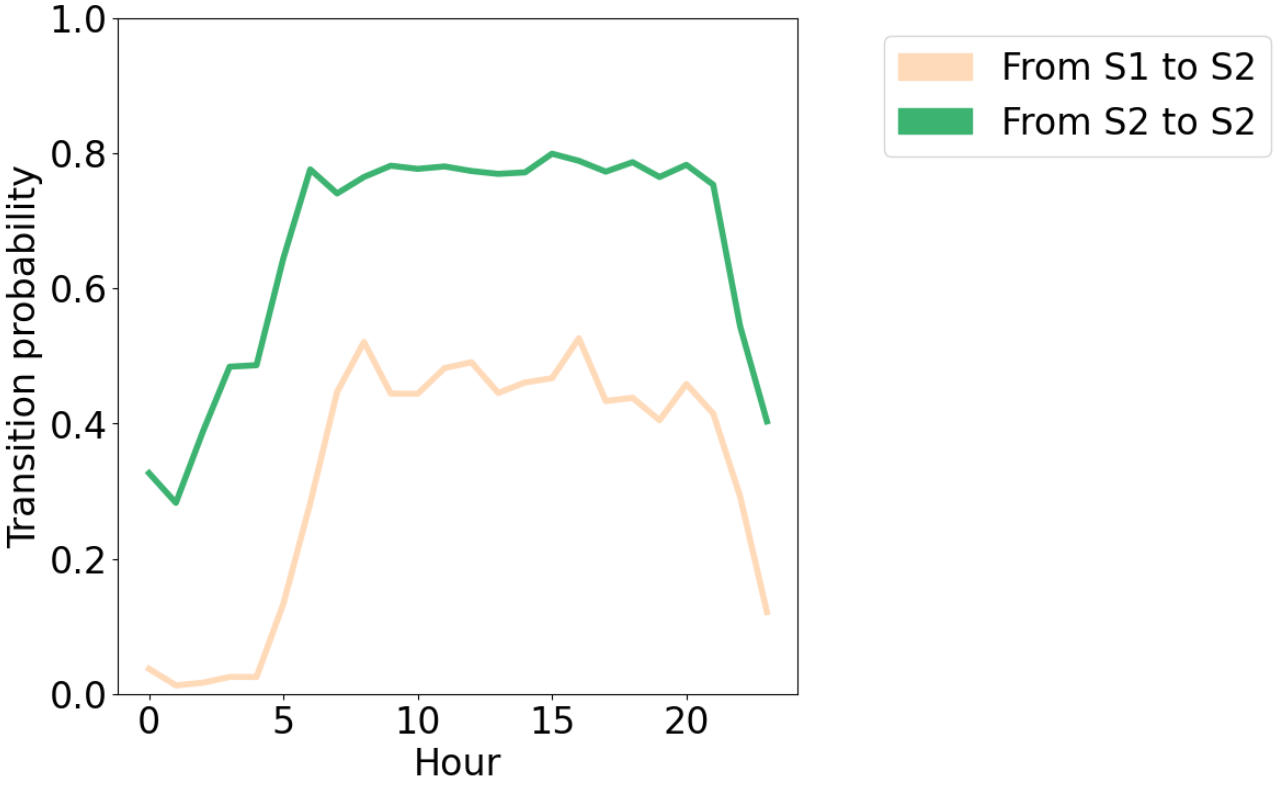
In "Uncovering Social States in Healthy and Clinical Populations Using Digital Phenotyping and Hidden Markov Models: Observational Study" [1] the authors noted one error.

The error pertains to the visualization of the transition probabilities in Figure 8, where a mistake in the calculation of these probabilities was made. This error did not impact any of the text in the paper as the interpretation of the figure remains the same, and the values were not used in any analysis. As the same code was used to visualize transition probabilities of alternative models in the supplementary materials, the transition probability figures in Multimedia Appendix 2 have also been corrected.

The correction will appear in the online version of the paper on the JMIR Publications website, together with the publication of this correction notice. Because this was made after submission to PubMed, PubMed Central, and other full-text repositories, the corrected article has also been resubmitted to those repositories.

Figure 8. The probability of transitioning into the socially active state from each state, for each hour in the day. 0: midnight; S1: state 1 (socially inactive state), S2: state 2 (socially active state).



Multimedia Appendix 1

Results from additional hidden Markov model (HMM) variations, including HMMs trained on the entire dataset and HMMs with 3-4 hidden states.
[PDF File (Adobe PDF File), 1263 KB-Multimedia Appendix 1]

Reference

1. Leaning IE, Costanzo A, Jagesar R, Reus LM, Visser PJ, Kas MJH, et al. Uncovering social states in healthy and clinical populations using digital phenotyping and hidden markov models: observational study. J Med Internet Res. Apr 28, 2025;27:e64007. [FREE Full text] [doi: 10.2196/64007] [Medline: 40294408]

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