

[DOI] 10.18738/T8/OPQMF3

[Title] Replication Data for Wu et al. (2020) "Multi-Modal Data Collection for Measuring Health, Behavior, and Living Environment of Large-Scale Participant Cohorts: Conceptual Framework and Findings from Deployments": Ecological Momentary Assessment Data (Beiwe)

[Release Date] 2020-11-29

[Citation] Wu, Congyu, 2020, "Ecological Momentary Assessment Data (Beiwe)", <https://doi.org/10.18738/T8/OPQMF3>, Texas Data Repository, V1

[Related Manuscript] Wu, C., Fritz, H., Nagy, Z., Maestre, J. P., Thomaz, E., Julien, C., ... & Schnyer, D. M. (2020). Multi-Modal Data Collection for Measuring Health, Behavior, and Living Environment of Large-Scale Participant Cohorts: Conceptual Framework and Findings from Deployments. arXiv preprint arXiv:2010.08457.

[Data Type] survey data; psychological test

[Dataset Summary] Mood, sleep, and activity survey answers recorded by the Beiwe mobile app. Each participant who provided has two files, one containing daily questions and the other containing momentary questions (up to five times a day at 9am, 12, 3, 6, and 9pm). Daily questions include a morning 9am survey of sleep quality and duration of the previous night, and an evening 9pm survey of the overall mood and energy level of the day. Momentary questions include location, with whom, doing what, and interacting in what way, in addition to mood and energy level questions.

[File name] - [File Description]

- [Column names]

daily_emas-[index] - a particular participant's answers to daily EMA surveys (each file has a different index and corresponds to a distinct participant)

- pid: participant ID, same across all rows
- survey.date: date for which daily EMA survey was intended
- local.time: local time when answer was submitted
- answer: answer to the daily EMA survey question
- variable: aspect of mood, energy level, and sleep the daily EMA survey was asking

momentary_emas-[index] - a particular participant's answers to momentary EMA questions (each file has a different index and corresponds to a distinct participant; the daily_emas-[index] file and the momentary_emas-[index] that share the same index belong to the same participant)

- pid: participant ID, same across all rows in one file
- local.time: local time when answer was submitted
- sad: self-reported sadness level (0,1,2,3)
- stress: self-reported stress level (0,1,2,3)
- content: self-reported contentment level (0,1,2,3)
- lonely: self-reported loneliness level (0,1,2,3)
- energy: self-reported energy level (0,1,2,3,4)
- where.at: answer to the "where were you at in the last 15 min" question
- with.whom: answer to the "who were you with in the last 15 min" question
- doing.what: answer to the "what were you doing in the last 15 min" question
- interact.how: answer to the "how were you interacting with others in the last 15 min" question

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[Comments]

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