

## Open Practices Disclosure

**Manuscript Title:** A Multi-Metric Examination of Self-Reported Personality Functioning and Personality Trait Development

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Yes.

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2. Was the analysis plan registered prior to examination of the data or observing the outcomes? If no, explain.\*\*

Yes.

3. Were there additional registrations for the study other than the one reported? If yes, provide links and explain.\*

The data used for the study had its own study-design preregistration prior to data collection: <https://osf.io/g7p8v>. No additional registrations occurred for the present study, though.

4. Were there any changes to the preregistered analysis plan for the primary confirmatory analysis? If yes, explain\*\*

Yes. We prioritized T2 events in the main analyses since we conducted (preregistered) supplemental analyses for T3 events only. We preregistered we'd prioritize T3 events since we did not know the distribution of T2 vs. T3 events in the data at the time of preregistration, and T2 events were far more plentiful (pg. 12). Additionally, as part of the review process, we also included the Big Five in the analyses (single traits and aggregate variable), performed a set of additional SEM analyses, and included an effect of time for sigma in the MELSMs. These deviations are noted in the manuscript on pages 13-14.

5. Are all of the analyses described in the registered plan reported in the article? If no, explain.\*

Yes, all main analyses are included in the article, with their estimates also provided in the article or in the supplemental materials in full.

\*No badge will be awarded if (1) is not provided, **or** if (3) is answered "yes" without strong justification, **or** if (5) is answered "no" without strong justification.

\*\*If the answer to (2) is "no," the notation DE (Data Exist) will be added to the badge, indicating that registration postdates realization of the outcomes but predates analysis. If the answer to (4) is "yes" with strong justification for changes, the notation TC (Transparent Changes) will be added to the badge, indicating that the analysis plan was altered but the preregistered analyses and rationale for the change are provided.

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**Signature:**

A handwritten signature in black ink that reads "Aj Wright". The signature is written in a cursive, flowing style.

(I am authorized to sign on behalf of all authors, but I can get all of their signatures if that is necessary)