

Open Practices Disclosure

Manuscript Title: *The Impact of Cognitive Work Demands on Subsequent Physical Activity Behavior*

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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.*
Yes, only for experiment 1. The first additional registration concerned an amendment in which we shared the new items that were used for the demands-manipulation check to better match our intended manipulation (for details, see <https://osf.io/ycem4>). In the second amendment we outlined our adapted analyses plan. We simplified our analyses to exclusively test our main hypotheses as we considered the original analysis plan too complex for the gathered data (for details, see <https://osf.io/ut4fn>).

4. Were there any changes to the preregistered analysis plan for the primary confirmatory analysis?

If yes, explain**

Yes, only for experiment 1. We decided to exclusively test our main hypotheses instead of the originally planned mediation and moderation analyses. The reason to do so was that we considered the originally planned analyses to be too complex for the data that was gathered when we reached our termination date for data collection (for details, see <https://osf.io/ut4fn>).

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

Yes.

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**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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