

Concept Paper Addendum

Paper Title: Long-term Cannabis Users Show Lower Cognitive Reserves and Smaller Hippocampal Volume in Midlife

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Changes to Study:

In response to review, we revised criteria for long-term tobacco and alcohol users to require daily tobacco use and weekly alcohol use at age 45 years, to mirror criteria for long-term cannabis use.

In addition, we

- (i) added mediation analyses because internal reviews of drafts in our group noted that this would be useful.
- (ii) deleted the analysis of dose-response associations for tobacco and alcohol because we could not fit all these into the paper given word limits. We plan to publish these separately.