

Thanks for participating in our study! The goal of the research is to understand how multi-step decision-making might be altered or impaired under various mental disorders like anxiety, depression, and OCD. For example, we predict that people with some disorders may plan too little or not enough before taking action. We also predict that some disorders will change the focus of planning, for example, selectively attending to positive or negative outcomes. We hope that this research will contribute to a deeper understanding of mental disorders, and the manner in which they impair functioning. In the long term, this research could contribute to developing therapies and other interventions to treat (or prevent the development of) mental disorders.

If you're curious about this type of research, you can take a look at these two papers:

Huys, Q. J. M., Browning, M., Paulus, M. P., & Frank, M. J. (2021). Advances in the computational understanding of mental illness. *Neuropsychopharmacology*, 46(1), 3–19. <https://doi.org/10.1038/s41386-020-0746-4>

Callaway, F., Jain, Y. R., van Opheusden, B., Das, P., Iwama, G., Gul, S., Krueger, P. M., Becker, F., Griffiths, T. L., & Lieder, F. (2022). Leveraging Artificial Intelligence to Improve People's Planning Strategies. *Proceedings of the National Academy of Sciences*. <https://fredcallaway.com/pdfs/callaway2022tutor.pdf>

Finally, if you have any additional questions, please feel free to ask the experimenter or email the lead researcher [fredcallaway@gmail.com](mailto:fredcallaway@gmail.com) or the principle investigator [marcelo.mattar@nyu.edu](mailto:marcelo.mattar@nyu.edu). Thanks again!