

Common and Unique Latent Transition Analysis (CULTA) as a Way to Examine the Trait-State Dynamics of Alcohol Intoxication

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Description

Research compendium for the manuscript Pesigan, I. J. A., Russell, M. A., & Chow, S.-M. (2025). Common and Unique Latent Transition Analysis (CULTA) as a Way to Examine the Trait-State Dynamics of Alcohol Intoxication. *Psychology of Addictive Behaviors*. <https://doi.org/10.1037/adb0001106>

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Computations for this research were performed on the Pennsylvania State University's Institute for

Computational and Data Sciences' Roar supercomputer using SLURM for job scheduling (Yoo et al., 2003), GNU Parallel to run the simulations in parallel (Tange, 2021), and Apptainer to ensure a reproducible software stack (Kurtzer et al., 2017, 2021).

Installation

You can install the released version of **manCULTA** from [GitHub](#) with:

```
install.packages("remotes")
remotes::install_github("jeksterslab/manCULTA")
```

See [Containers](#) for containerized versions of the package.

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See <https://github.com/jeksterslab/manCULTA/blob/main/.setup/latex/manCULTA-manuscript.Rtex> for the latex file of the manuscript. See <https://github.com/jeksterslab/manCULTA/blob/latex/manCULTA-manuscript.pdf> for the compiled PDF.

More Information

See [GitHub Pages](#) for package documentation.

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