MSM Pipeline and Package

[install.packages](https://rdrr.io/r/utils/install.packages.html)([c](https://rdrr.io/r/base/c.html)("devtools", "roxygen2", "testthat", "knitr"))

To access package

library(devtools)

library(roxygen2)

load\_all()

devtools::document()

traceback()

making an r package

<https://r-pkgs.org/man.html>

#' @param data\_path path to cleaned dataset

#' @param home\_dir path to home directory for the project

#' @param ID person-level identifier in your dataset

#' @param time\_pts list of time points along your developmental path of interest for which you have at least one measurement

#' @param time\_var variable in your long dataset that designates developmental time

#' @param missing missing data marker in your dataset

#' @param exposures list of variables that represent your exposures/treatments of interest

#' @param outcomes list of variables that represent your outcomes of interest

#' @param exclude\_covariates list of variables to exclude based on theoretical or practical reasons

#' @param continous\_variables variables from the dataset identified as continuous

#' @param potential\_colliders optional list of variables to be excluded from balancing at time point of exposure

#' @param hi\_cutoff integer for percentile considered "high" for exposure

#' @param lo\_cutoff integer for percentile considered "low" for exposure

List of packages

Readr

Dplyr

Hmisc

Amelia

CBPS

Stats

Data.table

Ggplot2

matrixStats

tidyr

plyr