Untitled

Alex Pate

14/11/2022

## [1] "/mnt/bmh01-rds/mrc-multi-outcome/Project\_6"

##   
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':  
##   
## filter, lag

## The following objects are masked from 'package:base':  
##   
## intersect, setdiff, setequal, union

##   
## Attaching package: 'mice'

## The following object is masked from 'package:stats':  
##   
## filter

## The following objects are masked from 'package:base':  
##   
## cbind, rbind

## Loading required package: Hmisc

## Loading required package: lattice

## Loading required package: Formula

## Loading required package: ggplot2

##   
## Attaching package: 'Hmisc'

## The following objects are masked from 'package:dplyr':  
##   
## src, summarize

## The following objects are masked from 'package:base':  
##   
## format.pval, units

## Loading required package: SparseM

##   
## Attaching package: 'SparseM'

## The following object is masked from 'package:base':  
##   
## backsolve

## Loading required package: stats4

## Loading required package: splines

##   
## Attaching package: 'VGAM'

## The following objects are masked from 'package:rms':  
##   
## calibrate, lrtest

## The following object is masked from 'package:tidyr':  
##   
## fill

## Loading required package: foreach

## Loading required package: iterators

## Loading required package: parallel

## [1] "set = 1"  
## [1] "set = 2"  
## [1] "set = 3"  
## [1] "set = 4"  
## [1] "set = 5"

## [1] "DGM-1"

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| X1 | X2 | X3 | X4 | X5 |
| 0.0000547 | 0.0001494 | -0.0003457 | 0.0005207 | -0.0003792 |
| -0.0000040 | 0.0001319 | 0.0000225 | -0.0000947 | -0.0000557 |
| -0.0000007 | -0.0001098 | 0.0000339 | 0.0005579 | -0.0004813 |
| 0.0000000 | -0.0000190 | -0.0000015 | 0.0000229 | -0.0000024 |
| -0.0002776 | 0.0009209 | -0.0003825 | -0.0000619 | -0.0001989 |

## [1] "set = 1"  
## [1] "set = 2"  
## [1] "set = 3"  
## [1] "set = 4"  
## [1] "set = 5"

## [1] "DGM-2"

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| X1 | X2 | X3 | X4 | X5 | X6 |
| -0.0002873 | 0.0000114 | 0.0000763 | -0.0009612 | 0.0009080 | 0.0002528 |
| -0.0000020 | -0.0003441 | 0.0001025 | -0.0002496 | 0.0008029 | -0.0003097 |
| -0.0000027 | -0.0000318 | 0.0001139 | -0.0005994 | 0.0003293 | 0.0001907 |
| 0.0000000 | -0.0000110 | -0.0000115 | 0.0003901 | 0.0000028 | -0.0003704 |
| -0.0002116 | -0.0002571 | 0.0000555 | 0.0004224 | -0.0005823 | 0.0005731 |