Sim Study Results Investigation

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```
# homemade functions
# source("./Multivariate_DPMM_unknownvar_DEV.R")
# source("./Multivariate_DPMM_unknownvar_DEE.R")
#source("./Multivariate_DPMM_unknownvar_UVV.R")
source("./posterior_helper_fxns.R")
## Warning: package 'tidyr' was built under R version 4.2.2
## Warning: package 'dplyr' was built under R version 4.2.2
##
## 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
source("./post_processing_inf.R")
## Warning: package 'gridExtra' was built under R version 4.2.2
##
## Attaching package: 'gridExtra'
## The following object is masked from 'package:dplyr':
##
##
       combine
## Attaching package: 'LaplacesDemon'
## The following objects are masked from 'package:gtools':
##
##
       ddirichlet, logit, rdirichlet
## Warning: package 'stringr' was built under R version 4.2.2
## Package 'mclust' version 6.0.1
## Type 'citation("mclust")' for citing this R package in publications.
# load R libraries
library(ggplot2)
library(dplyr)
library(stringr)
library(scatterplot3d)
```

with SM



























































