Final

Yuki Joyama

```
# libraries
library(tidyverse)
library(ggplot2)
library(readr)
library(dagitty)
library(knitr)

# install.packages("remotes")
# remotes::install_github("LindaValeri/CMAverse")
library(CMAverse)

# setup plot theme
theme_set(
   theme_minimal() +
        theme(legend.position = "top")
)
```

```
# import data
df = read.table("./data/datafinal.txt", header = T)
```

1

 \mathbf{a}

 \mathbf{b}

 \mathbf{c}

 \mathbf{d}

 \mathbf{e}

f

 \mathbf{g}

2

a

 \mathbf{b}

 \mathbf{c}

 \mathbf{d}

 \mathbf{e}

 \mathbf{f}