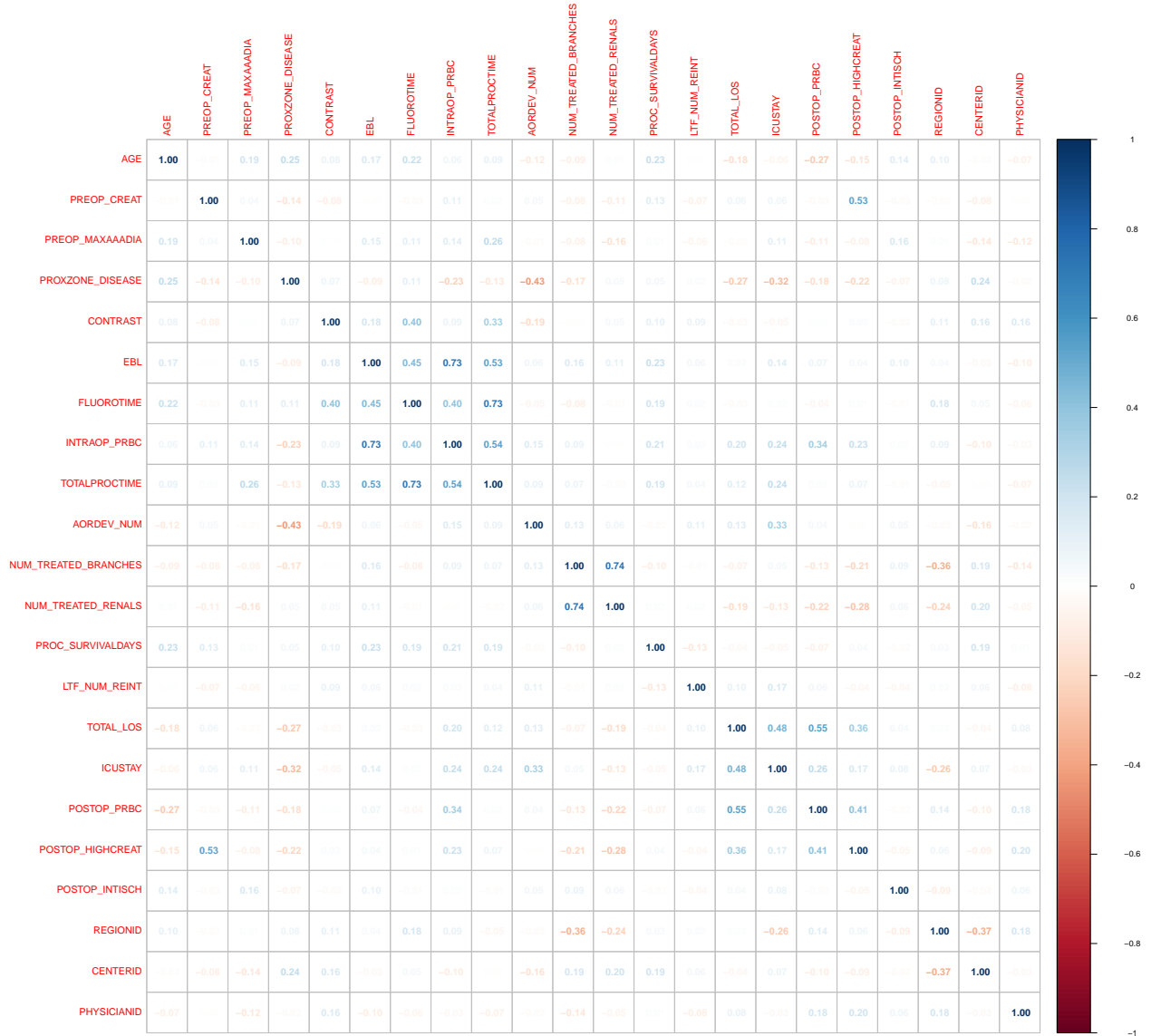


Generalized linear models with the Generalized Estimating Equations for the VQI FBVAR Dataset

Jennifer Ci, Thu Vu, Lily Hanyi Wang

Generalized linear models with the Generalized Estimating Equations for continuous outcomes

Correlation matrix



Code Appendix

```
knitr::opts_chunk$set(echo = FALSE,message = FALSE,warning = FALSE)
knitr::opts_chunk$set(fig.width=20, fig.height=20)

library(tidyverse)
library(table1)
library(survival)
library(Hmisc)
library(ggplot2)
library(ggpubr)
library(corrplot)
library(caret)
library(survminer)
library(knitr)
library(kableExtra)

## ----- working directories for Lily -----
wd_lily = '/Users/hanyiwang/Desktop/Comparative-analysis-of-treatments-of-CAA'
path_lily = c("../data/FBVAR.csv")

## ----- working directories for Jenn -----
# wd_jenn =
# path_jenn =

## ----- working directories for Thu -----
wd_thu = '/Users/thuvu/Desktop/Comparative-analysis-of-treatments-of-CAA'
path_thu = c("FBVAR.csv")

## ----- read data -----
setwd(wd_lily)
FBVAR = read.csv(path_lily)

# setwd(wd_jenn)
# FBVAR = read.csv(path_jenn)

# setwd(wd_thu)
# FBVAR = read.csv(path_thu)

## Correlation matrix
matrix <- FBVAR %>%
  select_if(is.numeric) %>% subset(., select = -1)%>%
  cor(.,use = "complete")

corrplot(matrix, method="number")
```