Untitled

```
knitr::opts_knit$set(root.dir = "D:/Stat")
```

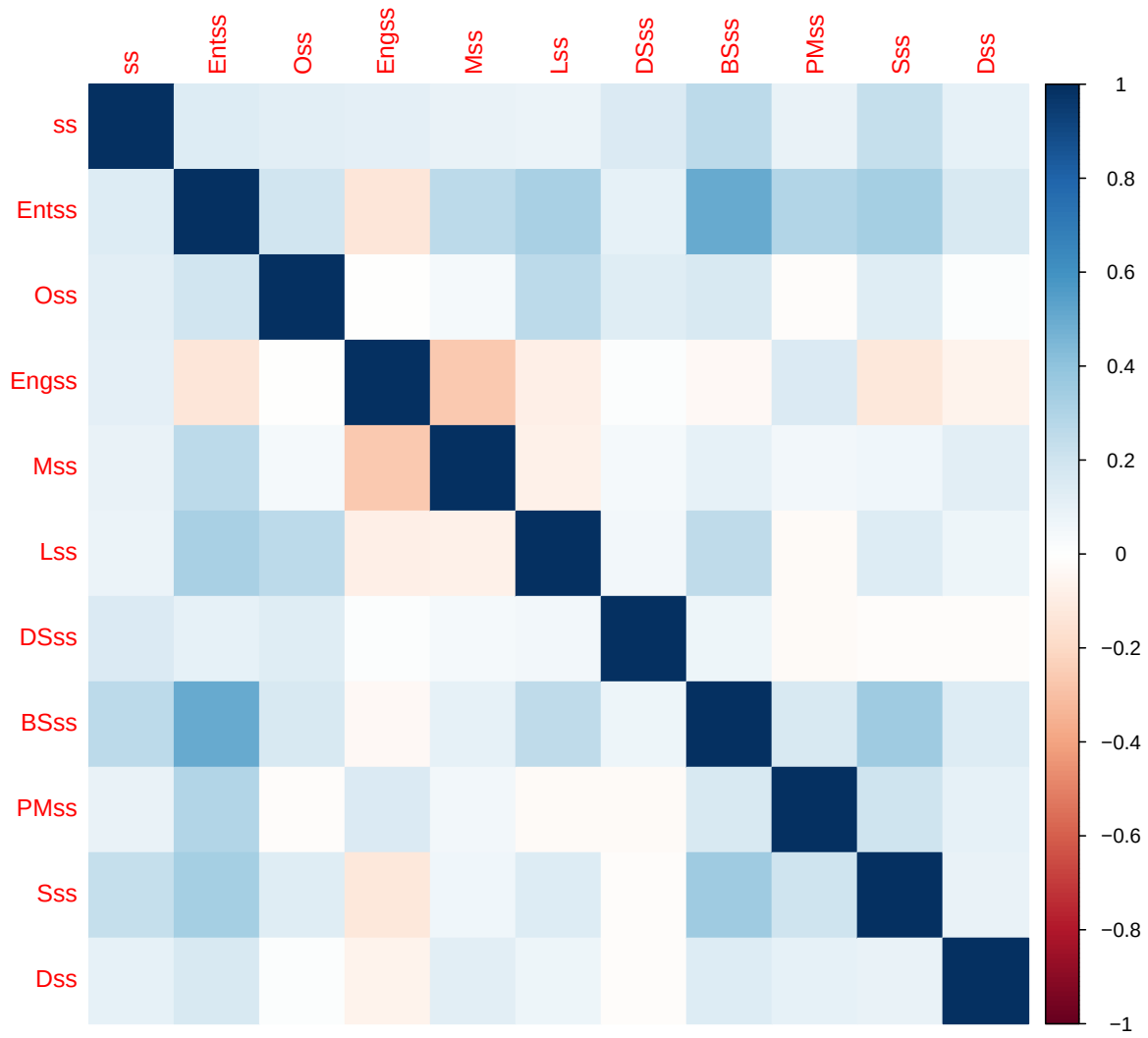
```
library(openxlsx)
library(tidyverse)
library(corrplot)
library(caret)
library(olsrr)
library(leaps)
```

```
names <- c("tce","pcec","se","b5e","e","ge","Ie","edu","uq","p"
           ,"f1000s","ps","pub","ss","Entss","Oss","Engss","Mss",
           "Lss","DSss","BSss","PMss","Sss","Dss","degreet","y")

df <- read.csv("./R/Stat364/final/startup.csv")

founders <- df[,c(14:38, 49)]

dependent <- df[,2]

founders <- cbind(founders, dependent)
founders[,5] <- NULL

names(founders) <- names
data.frame(names(founders))
```

```
  names.founders.
1             tce
2            pcec
3              se
```

```
4              b5e
5                e
6               ge
7               Ie
8              edu
9               uq
10               p
11          f1000s
12              ps
13             pub
14              ss
15           Entss
16             Oss
17           Engss
18             Mss
19             Lss
20            DSss
21            BSss
22            PMss
23             Sss
24             Dss
25         degreet
26               y
```

```
founders %>%
  select_if(\(col) n_distinct(col) > 10) %>%
  cor() %>% corrplot(method='color')
```



Seems like there are no variables which are highly correlated. Multicolinearity is very unlikely.