Descriptives

```r
setwd(dirname(rstudioapi::getActiveDocumentContext()$path))
df <- read_dta("dataverse_files/AER merged.dta")
df <- na.omit(df)

df$gave <- ifelse(df$gave == 1, "Gave", "Did not give")

treated <- df %>% filter(treatment == 1)
control <- df %>% filter(treatment == 0)

df_nonzero <- df %>% filter(amount !=0)
treated_nonzero <- df %>% filter(amount !=0, treatment == 1)
control_nonzero <- df %>% filter(amount !=0, treatment == 0)

# Treatment vs. control -------------------------------------------------
treatment_txt <- ifelse(df$treatment == 1, "Treatment", "Control")
treatment_txt_nonzero <- ifelse(df_nonzero$treatment == 1, "Treatment", "Control")

ggplot(data=df, aes(amount, fill=treatment_txt, color=treatment_txt)) +
  geom_density(position="stack", alpha=1) +
  labs(x="Amount given (dollars)",
       y="Density",
       title="Amount by treament vs. control") +
  scale_fill_discrete("") +
  scale_color_discrete("")
```
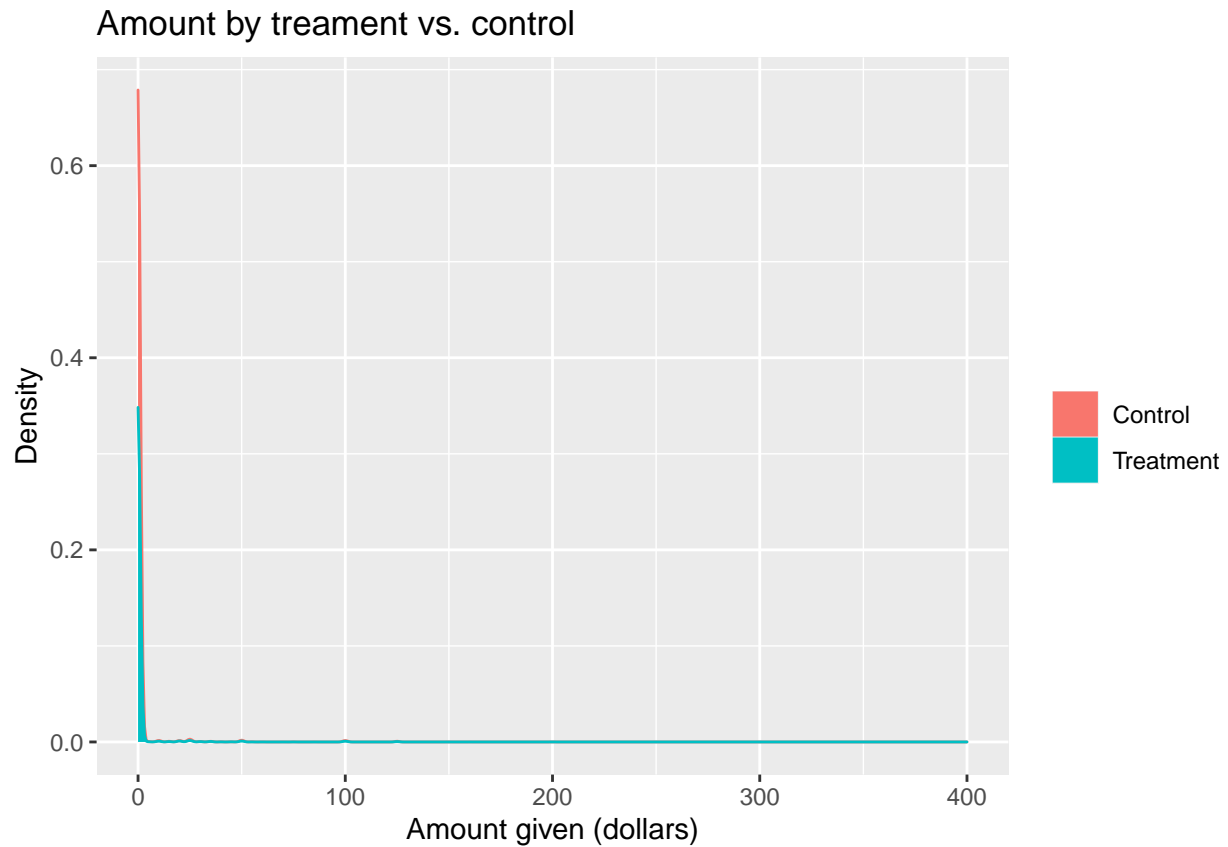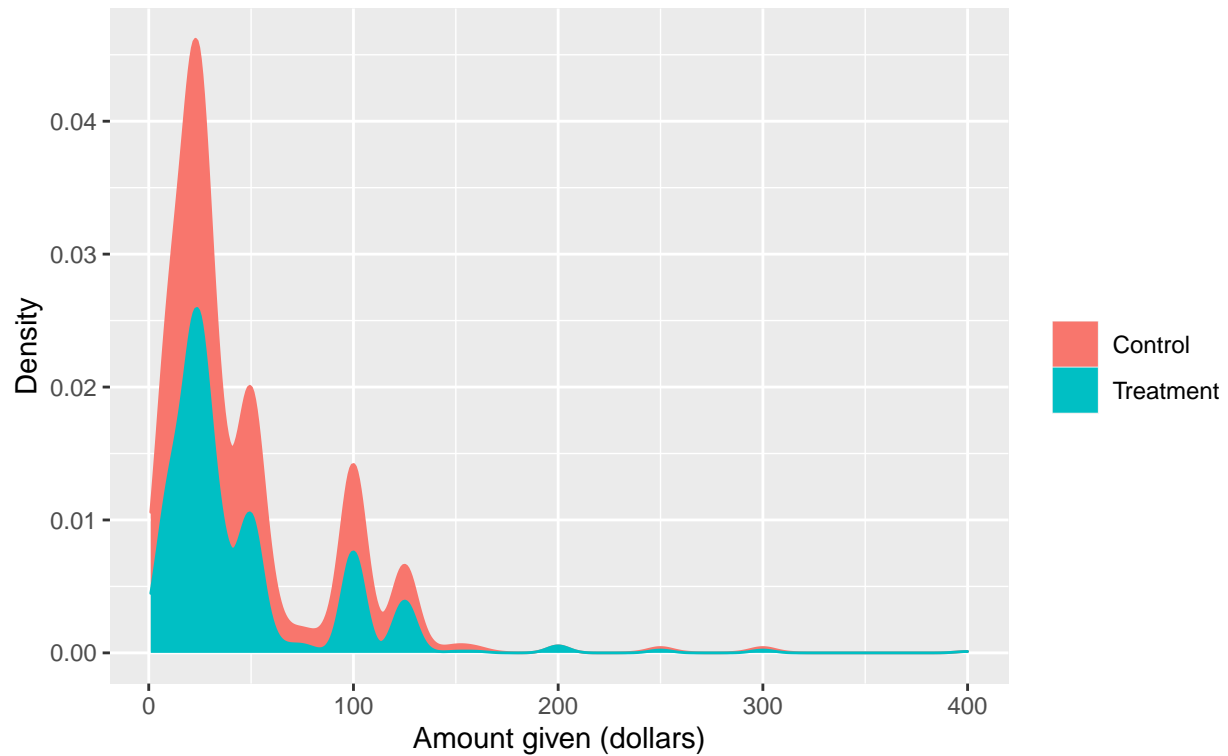
Amount by treament vs. control


```
ggplot(data=df_nonzero, aes(amount, fill=treatment_txt_nonzero, color=treatment_txt_nonzero)) +
  geom_density(position="stack", alpha=1) +
  labs(x="Amount given (dollars)",
       y="Density",
       title="Amount by treament vs. control",
       subtitle="For non-zero amounts given") +
  scale_fill_discrete("") +
  scale_color_discrete("")
```
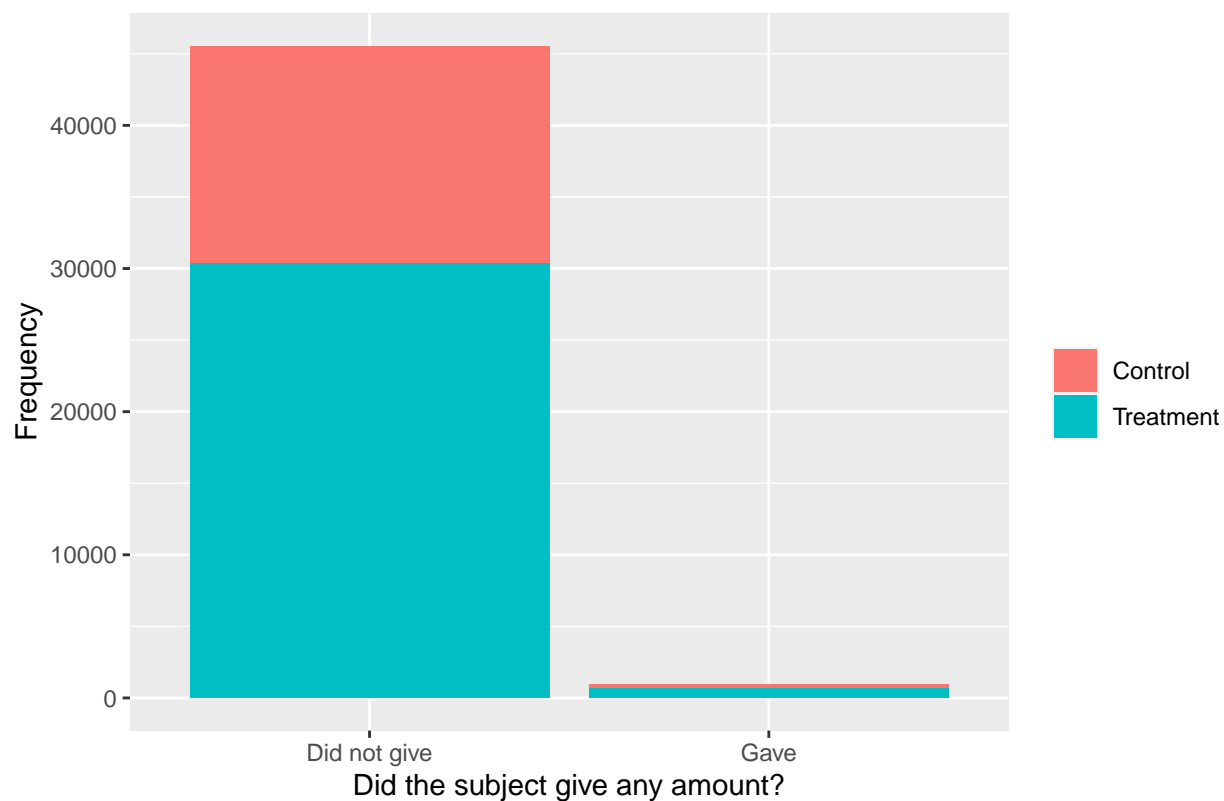
Amount by treament vs. control
For non−zero amounts given
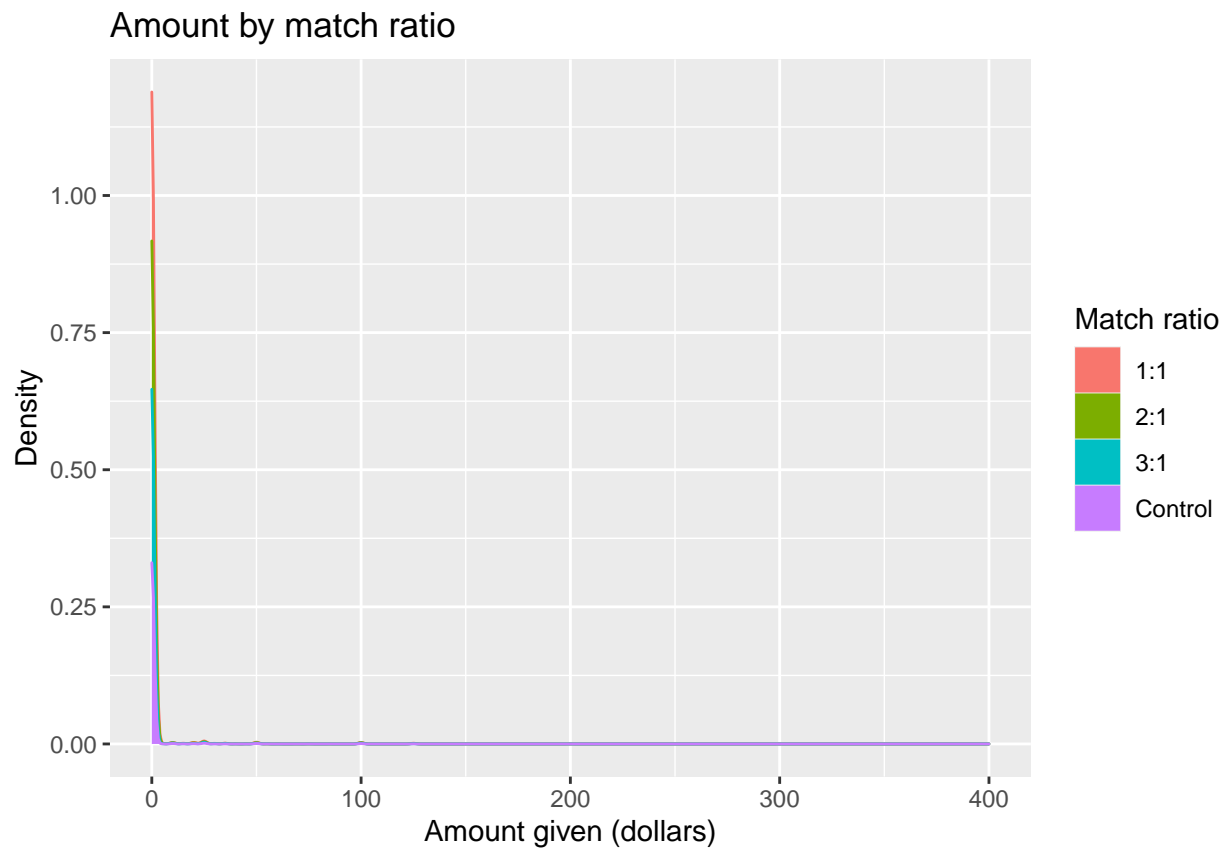


```
ggplot(data=df, aes(gave, fill=treatment_txt)) +
  geom_bar(position="stack", alpha=1) +
  labs(x="Did the subject give any amount?",
       y="Frequency",
       title="Giving by treatment vs. control") +
  scale_fill_discrete("")
```
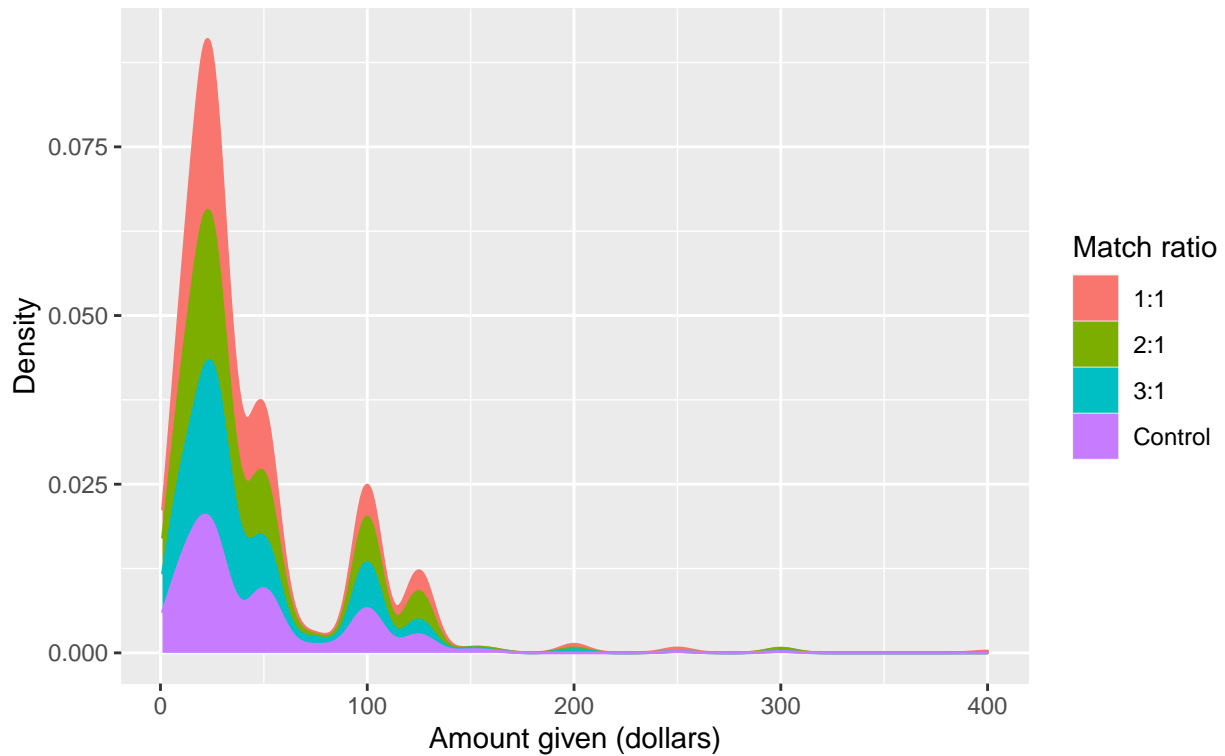
Giving by treatment vs. control


```
# Ratio -----------------------------------------------------------------
ratio_txt <- ifelse(df$ratio ==0, "Control", ifelse(df$ratio == 1, "1:1", ifelse(df$ratio == 2, "2:1", 
ratio_txt_nonzero <- ifelse(df_nonzero$ratio ==0, "Control", ifelse(df_nonzero$ratio == 1, "1:1", ifels

ggplot(data=df, aes(amount, fill=ratio_txt, color=ratio_txt)) +
  geom_density(position="stack") +
  labs(x="Amount given (dollars)",
       y="Density",
       title="Amount by match ratio") +
  scale_fill_discrete("Match ratio") +
  scale_color_discrete("Match ratio")
```
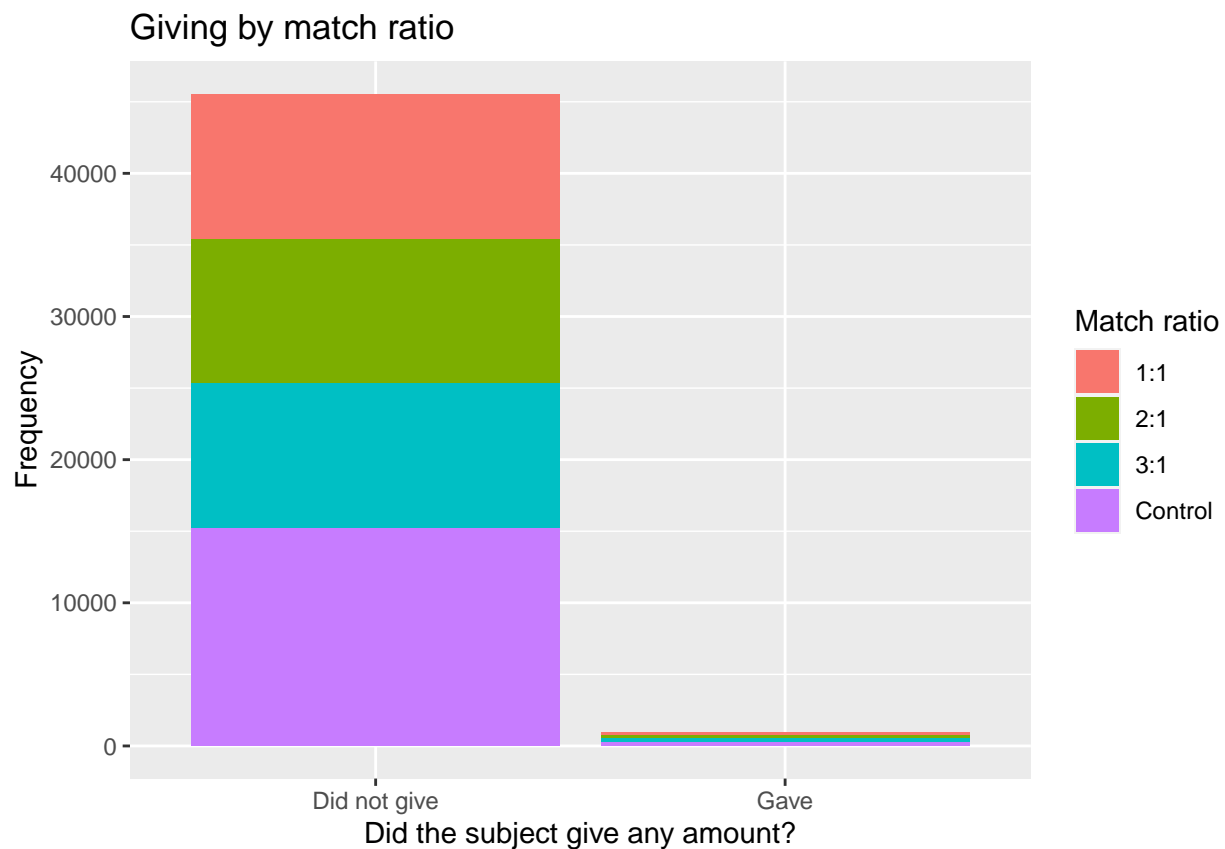
Amount by match ratio


```
ggplot(data=df_nonzero, aes(amount, fill=ratio_txt_nonzero, color=ratio_txt_nonzero)) +
  geom_density(position="stack") +
  labs(x="Amount given (dollars)",
       y="Density",
       title="Amount by match ratio",
       subtitle="For non-zero amounts given") +
  scale_fill_discrete("Match ratio") +
  scale_color_discrete("Match ratio")
```

Amount by match ratio
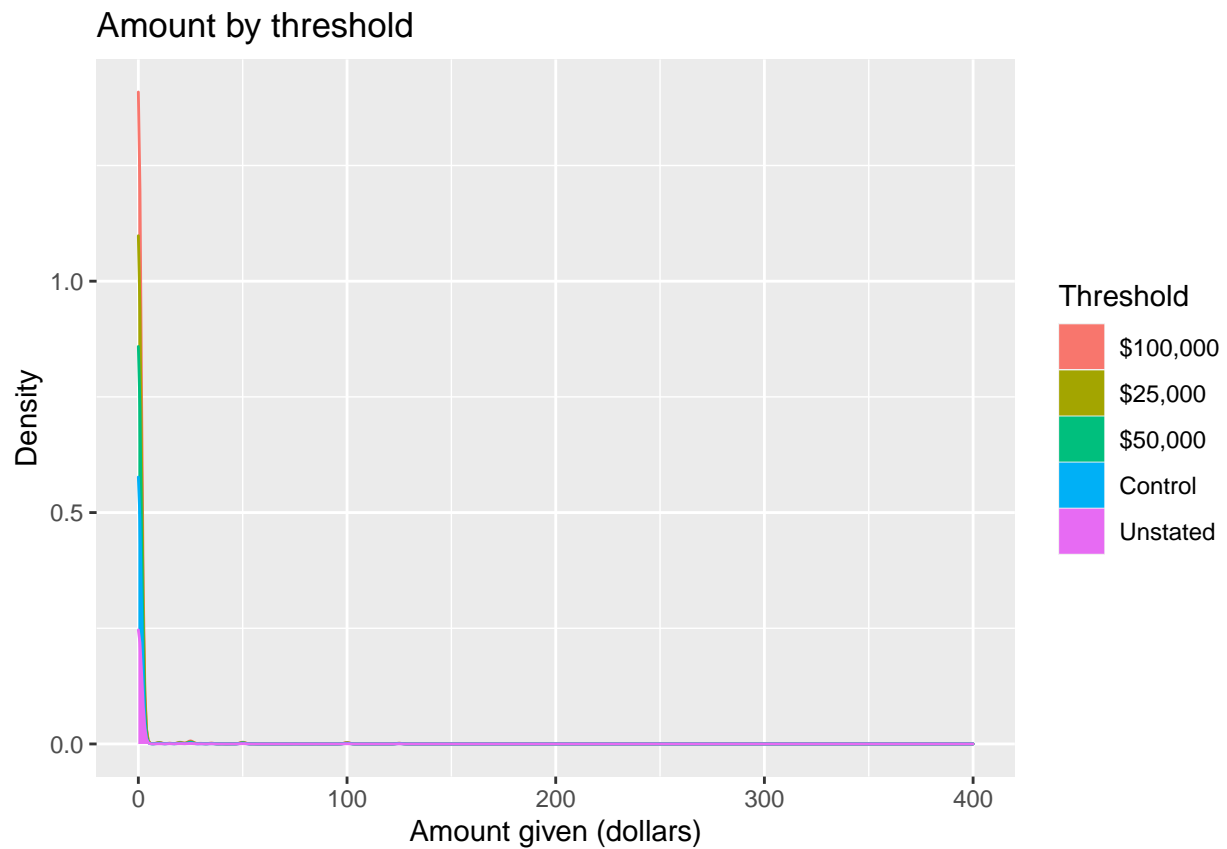For non−zero amounts given


```r
ggplot(data=df, aes(gave, fill=ratio_txt)) +
  geom_bar(position="stack") +
  labs(x="Did the subject give any amount?",
       y="Frequency",
       title="Giving by match ratio") +
  scale_fill_discrete("Match ratio")
```
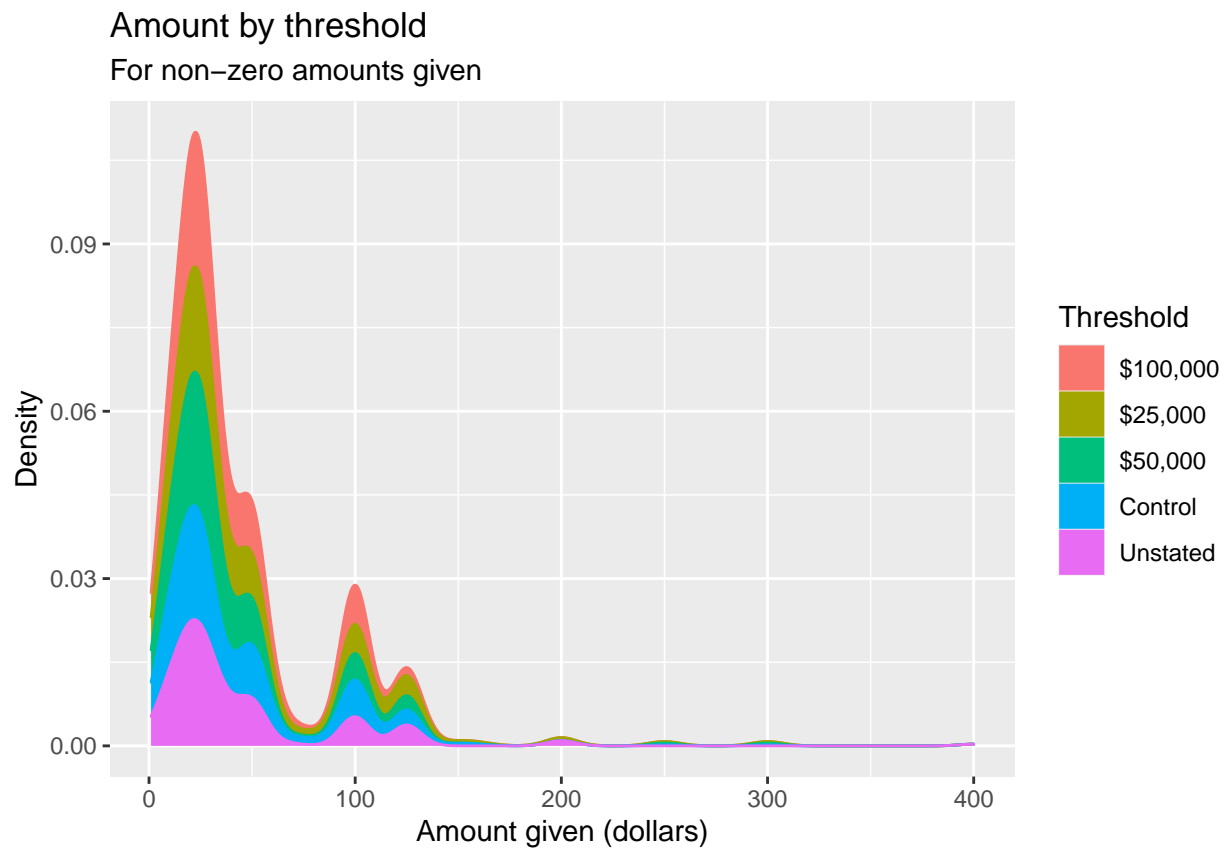
Giving by match ratio

```
# Threshold -----------------------------------------------------------------
thres_txt <- ifelse(df$size ==0, "Control", ifelse(df$size == 1, "$25,000", ifelse(df$size == 2, "$50,00
thres_txt_nonzero <- ifelse(df_nonzero$size ==0, "Control", ifelse(df_nonzero$size == 1, "$25,000", ifel

ggplot(data=df, aes(amount, fill=thres_txt, color=thres_txt)) +
  geom_density(position="stack") +
  labs(x="Amount given (dollars)",
       y="Density",
       title="Amount by threshold") +
  scale_fill_discrete("Threshold") +
  scale_color_discrete("Threshold")
```
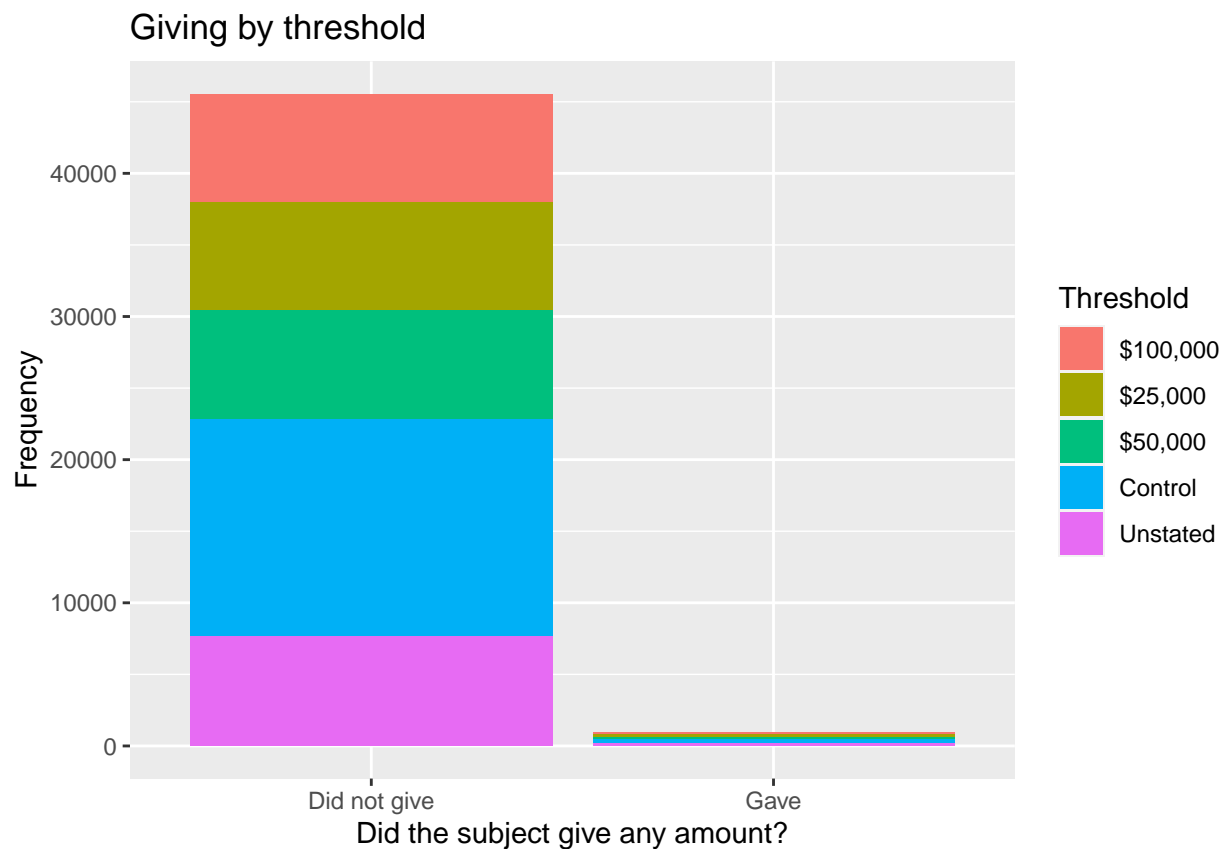
Amount by threshold


```r
ggplot(data=df_nonzero, aes(amount, fill=thres_txt_nonzero, color=thres_txt_nonzero)) +
  geom_density(position="stack") +
  labs(x="Amount given (dollars)",
       y="Density",
       title="Amount by threshold",
       subtitle="For non-zero amounts given") +
  scale_fill_discrete("Threshold") +
  scale_color_discrete("Threshold")
```

Amount by threshold
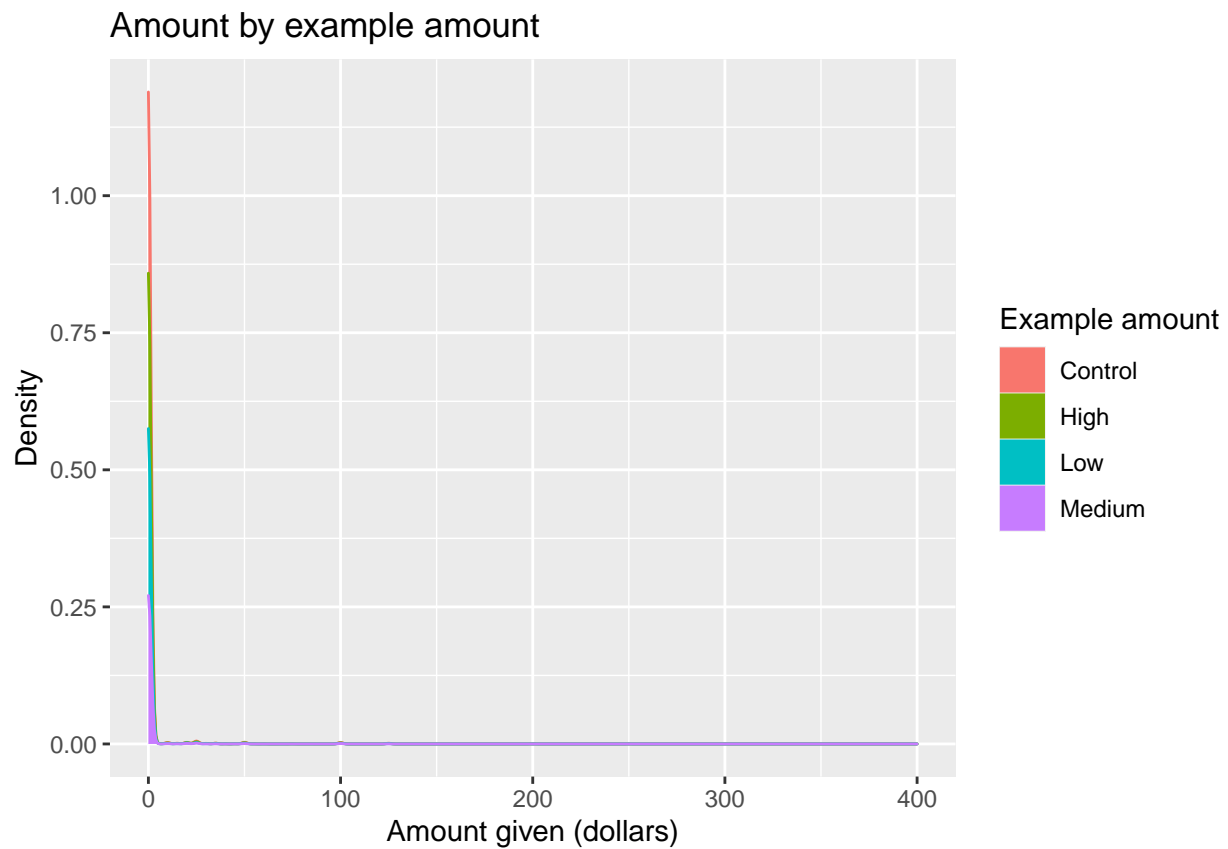For non−zero amounts given


```
ggplot(data=df, aes(gave, fill=thres_txt)) +
  geom_bar(position="stack") +
  labs(x="Did the subject give any amount?",
       y="Frequency",
       title="Giving by threshold") +
  scale_fill_discrete("Threshold")
```
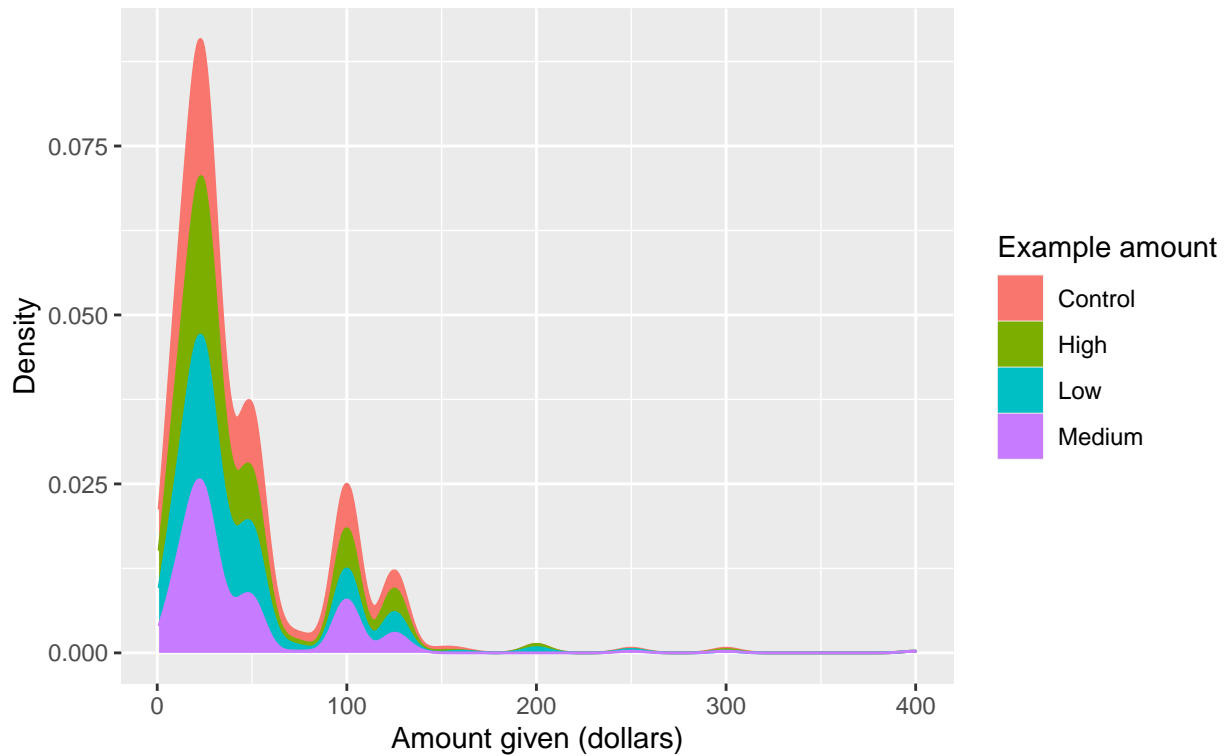
Giving by threshold


```
# Example ------------------------------------------------------------------
ask_txt <- ifelse(df$ask==0, "Control", ifelse(df$ask == 1, "Low", ifelse(df$ask == 2, "Medium", "High")
ask_txt_nonzero <- ifelse(df_nonzero$ask==0, "Control", ifelse(df_nonzero$ask == 1, "Low", ifelse(df_no

ggplot(data=df, aes(amount, fill=ask_txt, color=ask_txt)) +
  geom_density(position="stack", alpha=1) +
  labs(x="Amount given (dollars)",
       y="Density",
       title="Amount by example amount") +
  scale_fill_discrete("Example amount") +
  scale_color_discrete("Example amount")
```

Amount by example amount


```r
ggplot(data=df_nonzero, aes(amount, fill=ask_txt_nonzero, color=ask_txt_nonzero)) +
  geom_density(position="stack", alpha=1) +
  labs(x="Amount given (dollars)",
       y="Density",
       title="Amount by example amount",
       subtitle="For non-zero amounts given") +
  scale_fill_discrete("Example amount") +
  scale_color_discrete("Example amount")
```

Amount by example amount
For non−zero amounts given


```
ggplot(data=df, aes(gave, fill=ask_txt)) +
  geom_bar(position="stack", alpha=1) +
  labs(x="Did the subject give any amount?",
       y="Frequency",
       title="Giving by example amount") +
  scale_fill_discrete("Example amount")
```

Giving by example amount