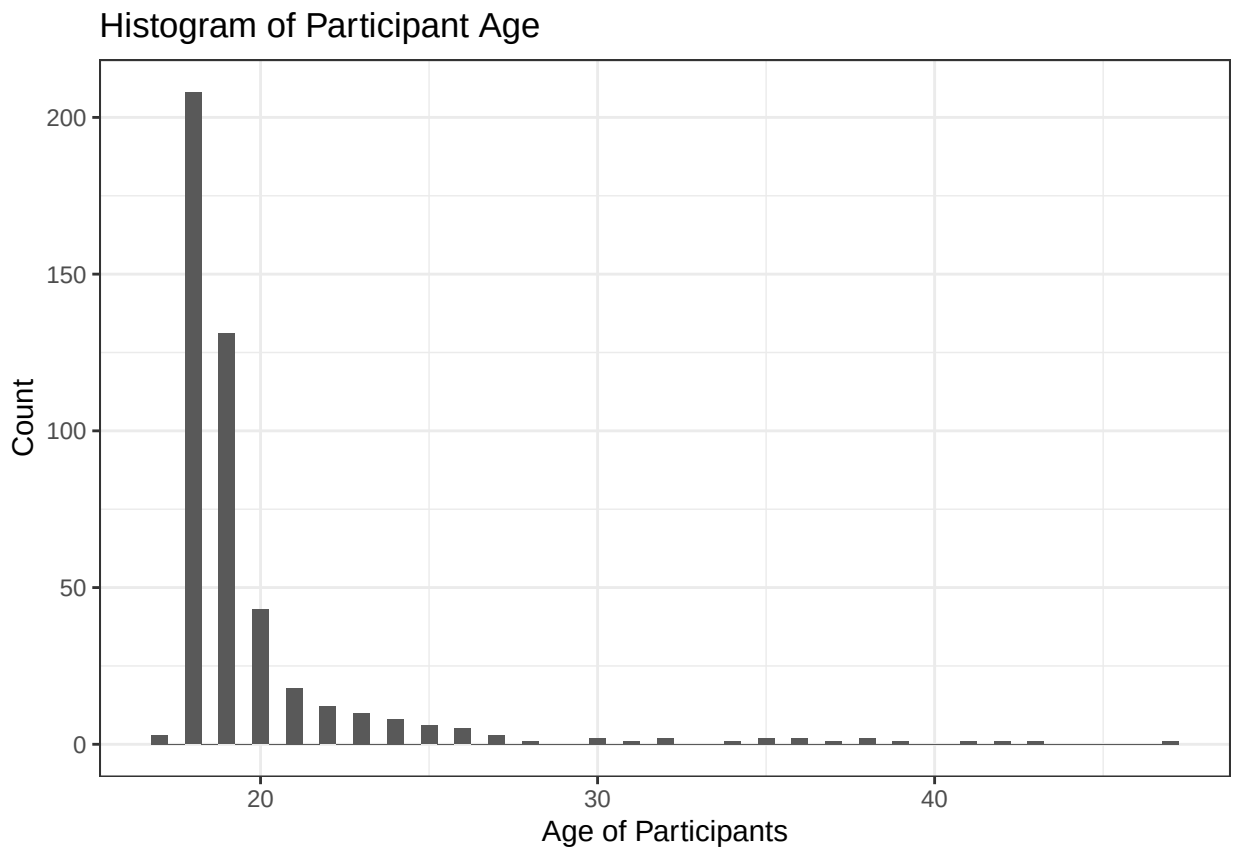
Resubmit Descriptives

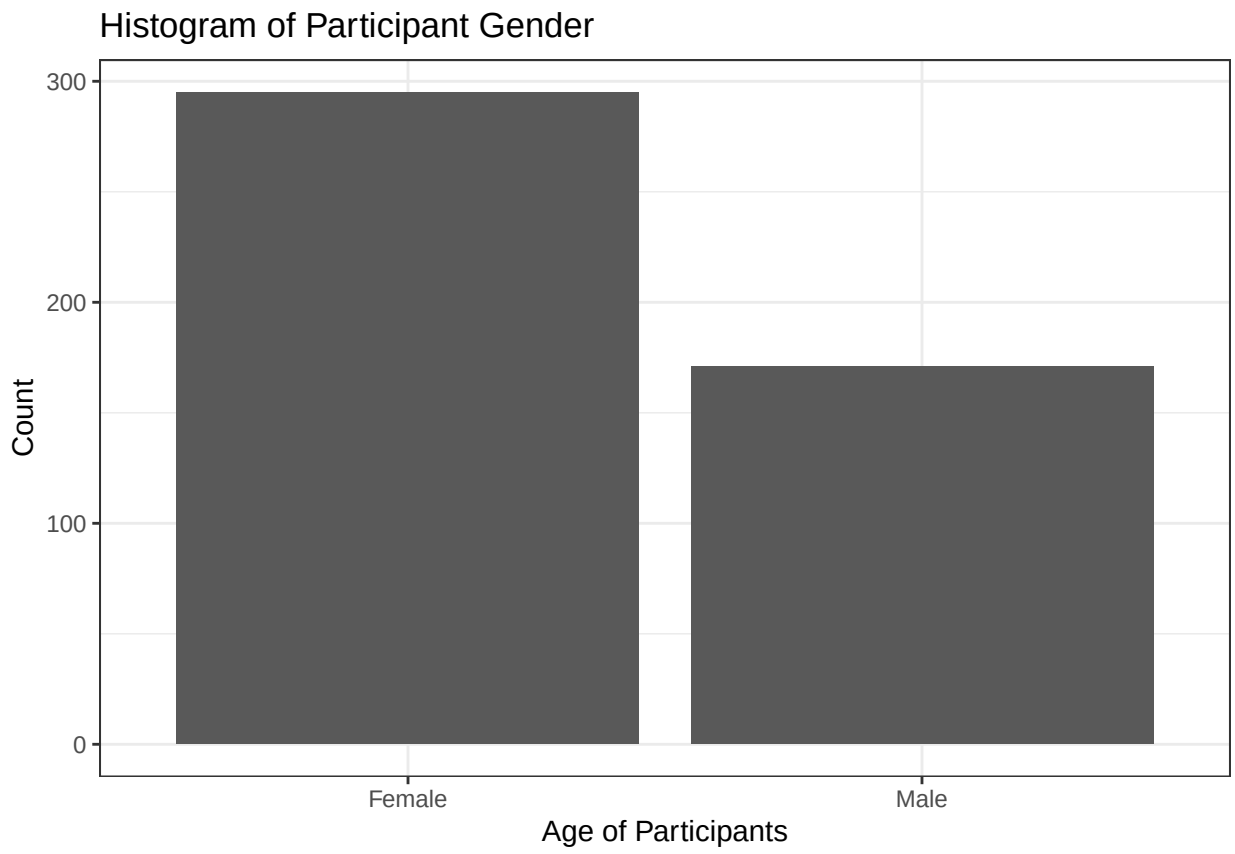
This document is created to produce some descriptive statistics and graphical representations of our data. Hopefully the graphs are self explanatory as they are produced and not explained here.

```
# exclude the participants that we need to
sum_data <- read.csv(here::here("data","summarized_data.csv"))
attention_exc<-unique(subset(sum_data,sum_data$n_attention_checks<=5)$subject_ID)
audio_exc<-unique(subset(sum_data,sum_data$n_audio_checks<=5)$subject_ID)
neglig_exc<-unique(subset(sum_data,sum_data$var_sex<=5 & sum_data$var_lang<=5 & sum_data$var_age<=5)$su

# refactor the group so the order is correct in the graphs
d$stim_ageGroup<-factor(d$stim_ageGroup,levels = c("0-7","8-18","19-36"))

# exclude those who failed our attention check and audio check criteria
d <- d[d$subject_ID%in%attention_exc, ]
d <- d[d$subject_ID%in%audio_exc, ]
# exclude those who clicked the same button for an entire experimental phase
d <- d[d$subject_ID%in%neglig_exc, ]
# exclude those who responded other in gender and country
d <- d[d$gender %in% c("Female", "Male"), ]
d <- d[d$country %in% c("Canada", "USA"), ]
# exclude those who speak a language other than english
d <- d[d$eng_first == "Yes", ]
d <- d[d$know_corp_lang == "list()", ]

sum_data<-subset(sum_data,sum_data$subject_ID%in%unique(d$subject_ID))

ggplot(sum_data, aes(age))+
  geom_histogram(binwidth = .5)+
  xlab("Age of Participants")+
  ylab("Count")+
  labs(title = "Histogram of Participant Age")+
  theme_bw()
```



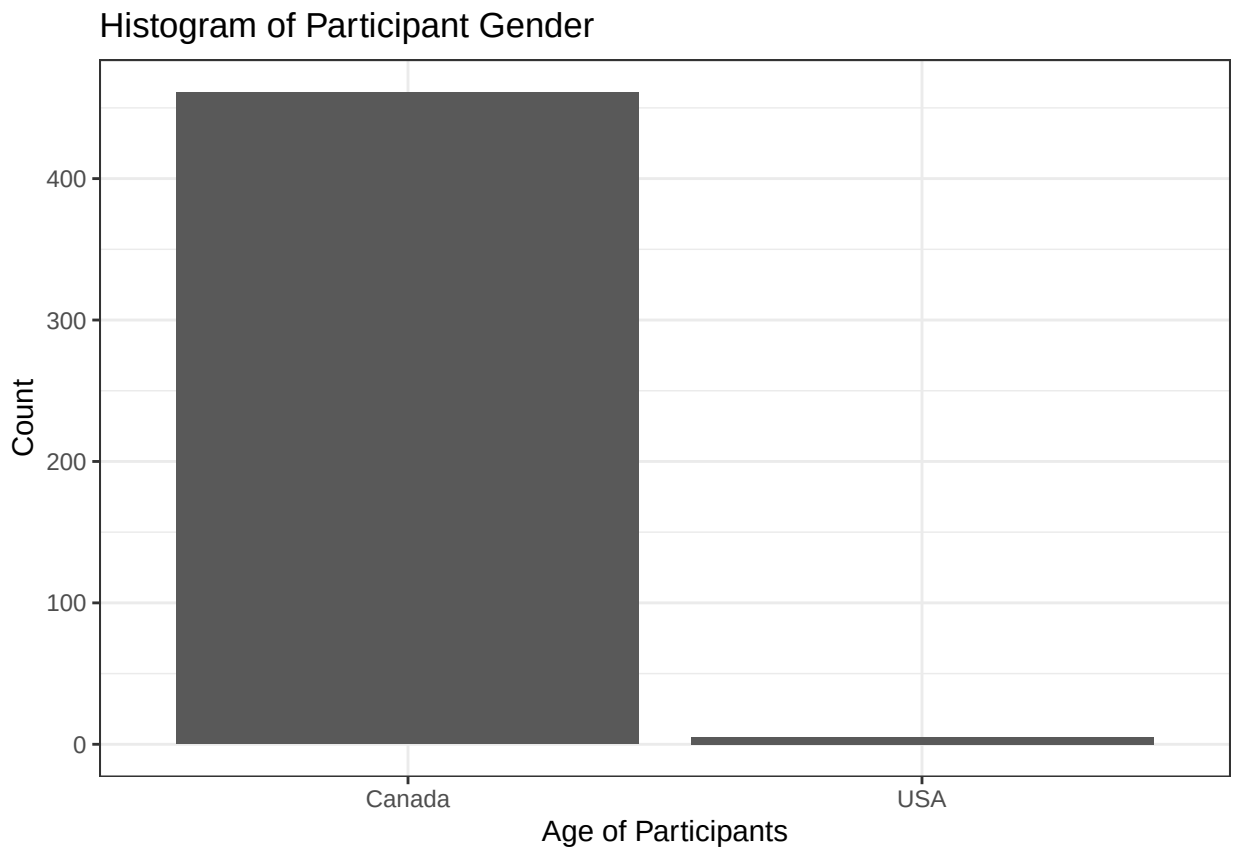

```
ggplot(sum_data, aes(gender))+
  geom_histogram(stat = "count")+
  xlab("Age of Participants")+
  ylab("Count")+
  labs(title = "Histogram of Participant Gender")+
  theme_bw()
```

```
## Warning: Ignoring unknown parameters: binwidth, bins, pad
```



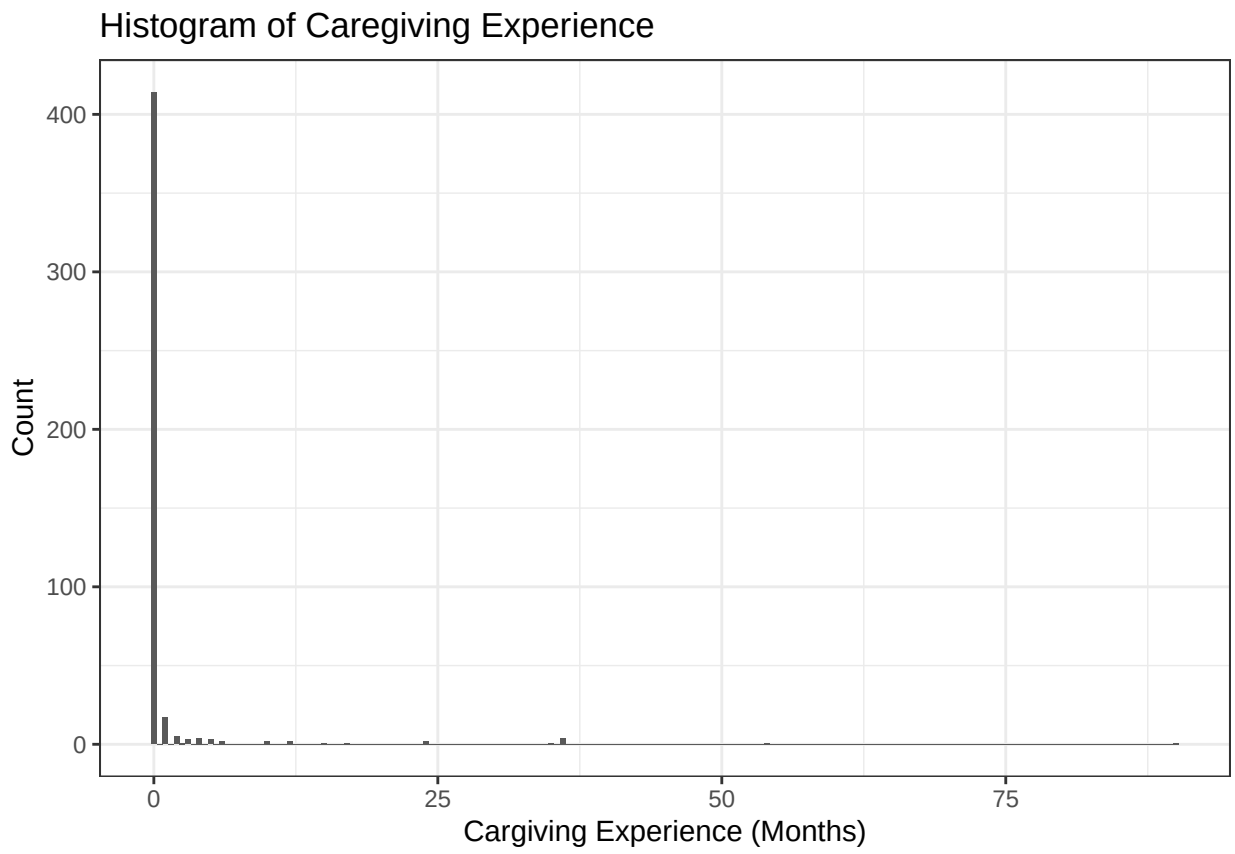

```
ggplot(sum_data, aes(country))+
  geom_histogram(stat = "count")+
  xlab("Age of Participants")+
  ylab("Count")+
  labs(title = "Histogram of Participant Gender")+
  theme_bw()
```

```
## Warning: Ignoring unknown parameters: binwidth, bins, pad
```

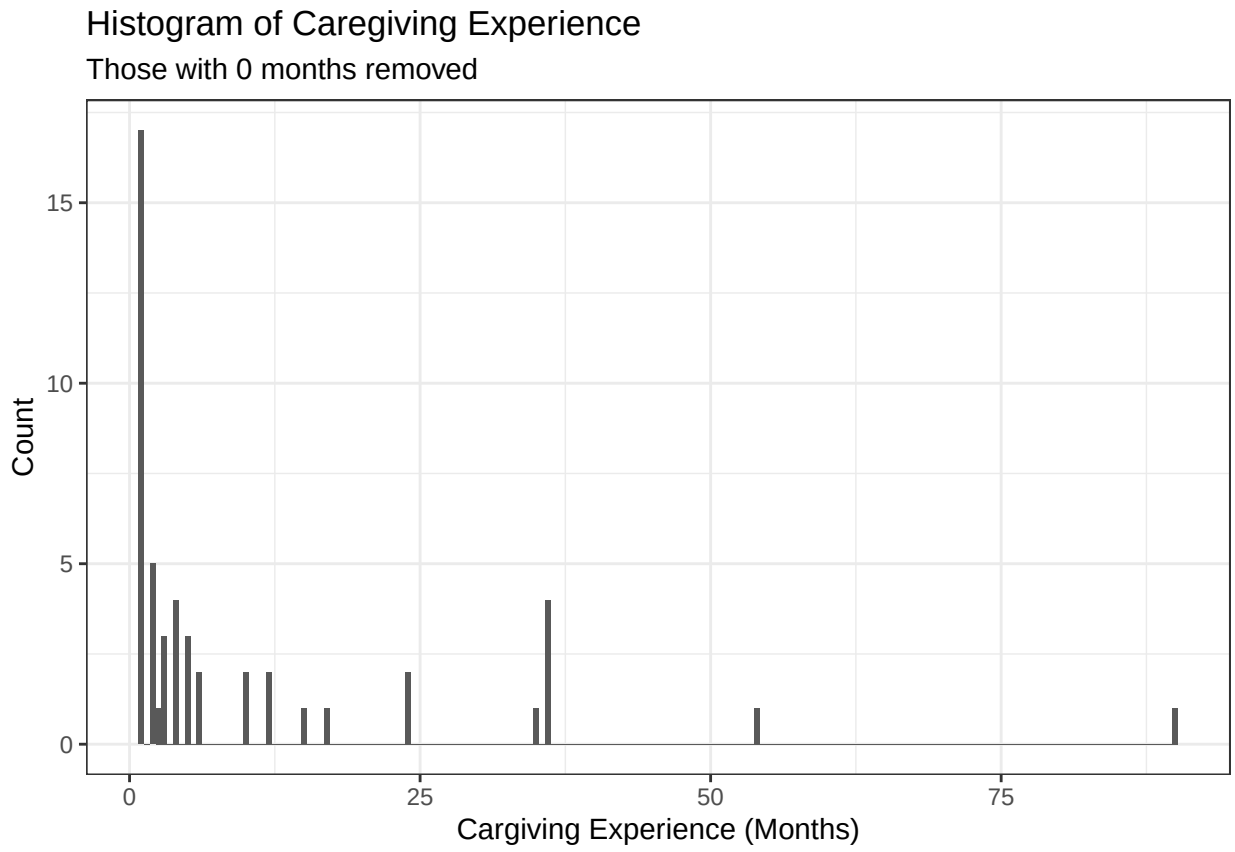



```
ggplot(sum_data, aes(caregiver))+
  geom_histogram(binwidth = .5)+
  xlab("Cargiving Experience (Months)")+
  ylab("Count")+
  labs(title = "Histogram of Caregiving Experience")+
  theme_bw()
```

```
## Warning: Removed 2 rows containing non-finite values (stat_bin).
```

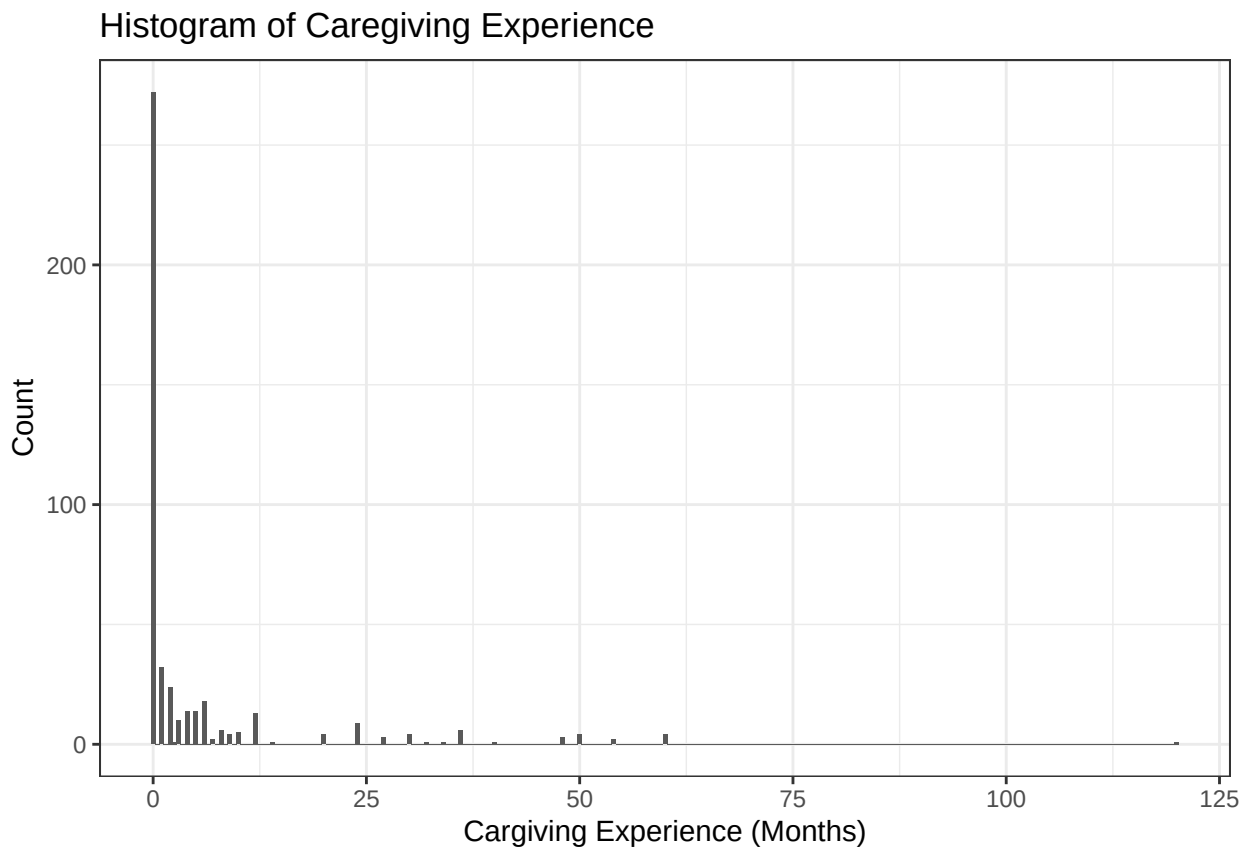



```
ggplot(subset(sum_data,sum_data$caregiver>0), aes(caregiver))+
  geom_histogram(binwidth = .5)+
  xlab("Cargiving Experience (Months)")+
  ylab("Count")+
  labs(title = "Histogram of Caregiving Experience",subtitle = "Those with 0 months removed")+
  theme_bw()
```

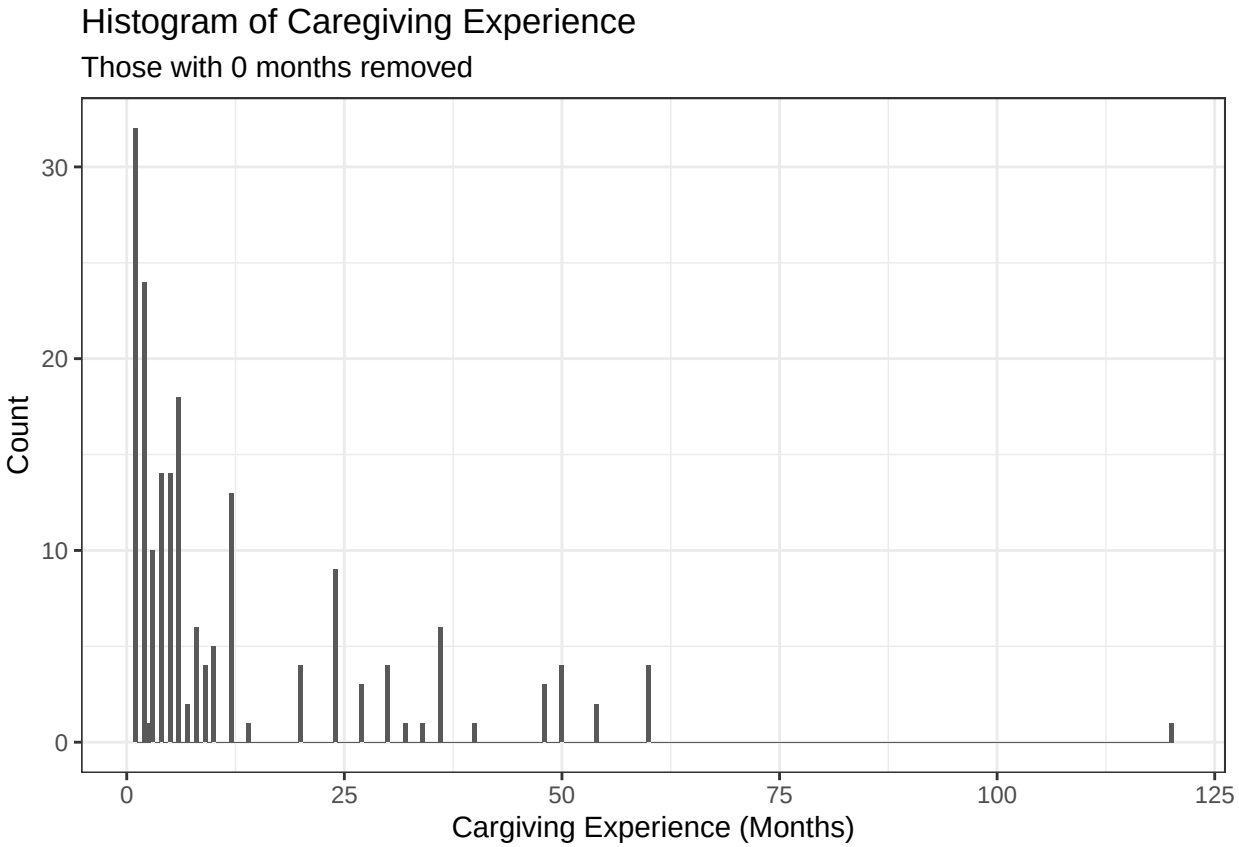



```
ggplot(sum_data, aes(childcare))+
  geom_histogram(binwidth = .5)+
  xlab("Cargiving Experience (Months)")+
  ylab("Count")+
  labs(title = "Histogram of Caregiving Experience")+
  theme_bw()
```

```
## Warning: Removed 7 rows containing non-finite values (stat_bin).
```




```
ggplot(subset(sum_data,sum_data$childcare>0), aes(childcare))+
  geom_histogram(binwidth = .5)+
  xlab("Cargiving Experience (Months)")+
  ylab("Count")+
  labs(title = "Histogram of Caregiving Experience",subtitle = "Those with 0 months removed")+
  theme_bw()
```


Histogram of Caregiving Experience
Those with 0 months removed
Count
30
20
10
0
0
25
50
75
100
125
Cargiving Experience (Months)