

```
apply(month_indicators, 2, sum)  
which.max(apply(month_indicators, 2, sum))
```

```
table(safi$village)
```

```
tapply(safi$months_lack_food_count, safi$village, mean)
```

```
t.test(safi$months_lack_food_count[safi$village == "Chirodzo"],  
       safi$months_lack_food_count[safi$village == "Ruaca"])
```

```
barplot(table(safi$no_membrs))  
hist(safi$no_membrs, breaks=1:20-.5, col="gray",  
     main="Family Size", xlab="Number of Members",  
     ylab="Number of Families")
```

```
boxplot(no_membrs~village, data=safi)
```

```
plot(y=safi$months_lack_food_count, x=safi$no_membrs)  
plot(y=jitter(safi$months_lack_food_count), x=jitter(safi$no_membrs),  
     col=rgb(.1, 0, 1, alpha=.3), pch=16)
```

What is R? Why R?

RStudio Tour

Analysis Example Introduction

Basics and Data Types

Data Structures

Reading and Writing Files

Data Manipulation and Statistics

Visualization

► **Functions, Loops, and Conditionals**