

```
library(lubridate)
library(qdapTools)
```

```
safi <- read.csv("data/SAFI_clean.csv",
                na = c("", "NULL", "NA"),
                stringsAsFactors = FALSE)
```

```
safi$village <- factor(safi$village)
safi$respondent_wall_type <- factor(trimws(safi$respondent_wall_type))
safi$affect_conflicts <- factor(safi$affect_conflicts, ordered=TRUE,
                               levels=c("never", "once", "more_once", "frequently"))
```

```
safi$interview_date <- ymd_hms(safi$interview_date)
safi$memb_assoc <- ifelse(is.na(safi$memb_assoc), NA,
                          ifelse(safi$memb_assoc == "yes", TRUE, FALSE))
```

```
month_indicators <- mtabulate(strsplit(safi$months_lack_food, ";"))
month_indicators <- month_indicators[, -10]
names(month_indicators) <- substr(names(month_indicators), 0, 3)
month_indicators <- month_indicators[, month.abb]
safi <- cbind(safi, month_indicators)
```

```
safi$months_lack_food_count <- apply(month_indicators, 1, sum)
```

# Workspace

- All of the objects in your environment  
`ls ( )`
- Can all be saved in one file together (and loaded later)  
`save.image( "20180626.RData" )`
- List of loaded libraries is NOT saved
- Remove an object from environment  
`rm( x )`
- Asked about saving image each time you quit R
  - If yes, saves ".RData", which gets reloaded next session