Untitled

```
#load in specific data
date <- "22-Jan-2018"
#dates <- seq(as.Date("27-Dec-2017", "%d-%B-%Y"), as.Date("3-Jan-2018", "%d-%B-%Y"), 1)
#dates <- format(strptime(as.character(dates), "%Y-%m-%d"), "%d-%b-%Y")
#get rid of saturdays and nye
#dates <- dates[-c(4,5,6)]
#blocks <- c(1,1,2,1,1)
monkey <- "Vicer"

#search_string <- paste0(dates, ".*", monkey, "COMPACT")
search_string <- paste0(date, ".*", monkey, "COMPACT")

#find all data files
directory <- "C:/Users/WS-Guest/Desktop/task data/"
data_files <- dir(directory)

#load in the relevant data
#specific_files <- c()
#for (day in seq(search_string)){
#  specific_file <- data_files[grep(search_string[day], data_files)][blocks[day]]
#  specific_files <- append(specific_files, specific_file)
#}

specific_files <- data_files[grep(search_string, data_files)]
specific_files <- specific_files[1]

task_data <- rbindlist(lapply(paste0(directory, specific_files), read.csv, na.strings = "NaN"), idcol =
  #munge the data
  .[, block := paste("block", block)] %>%
  .[, trial:= 1:.N, block] %>%
  .[bundle_position == 1, bundle_distance := (monkey_final_bid + 1)/2] %>%
  .[bundle_position == 0, bundle_distance := (1-monkey_final_bid)/2] %>%
  .[, c("block", "offer_value", "second_offer", "reward", "bundle_position", "bundle_distance", "adjust
  .[, dominated := 0] %>%
  .[offer_value > second_offer & reward == offer_value, dominated := 1] %>%
  .[offer_value < second_offer & reward == second_offer, dominated := 1] %>%
  .[!is.na(reward)]
```

```
#how many times does the monkey choose the more valuable fractal
table(task_data$dominated)
```

```
##
##  1
## 40
```

```
#1 = chose more valuable, 0 = chose less valuable
```