

R-script for analyzing Swedish market analysis

```
#####
# Packages to Install if not done already #
#####
install.packages("datasets")
install.packages("dplyr")
install.packages("tidyverse")
install.packages("plyr")

# Libraries:

library(datasets)      #Standard
library(dplyr)          #To filter
library(tidyverse)       #To rename
library(plyr)           #To rename
library(ggplot2)         #For plotting
library(car)
library(RColorBrewer)

# Set where your working directory is and where to load in the file
setwd("C:/Users/Dator/Documents/R")
k <- read.csv(file = "Czech-market-analysis.csv", header=TRUE, sep = ";")

#####
#
# List of costs and amount of horses
#
#


#Sort NrTreatments for Czech answers
levels(k[, 6])[5] <- "0"
k[, 6] <- ordered(k[, 6], levels = c("1", "2", "3", "3+", "0"))

# Sort $nrDiagnosies FOR Czech
levels(k[, 4])[2] <- "5-6"
k[, 4] <- ordered(k[, 4], levels = c("0", "1", "2", "3", "5-6"))

#Name data or Czech
d <- data.frame(k[, 2], k[, 4], k[, 6], k[, 14], k[,13])

names(d) <- c("nrHorses", "nrDiagnosies",
"nrTreatment","worryResistance", "knowlageResistance")

#####
## Actually pretty graph
```

```

## 
#TODO: Set start x-axies as 1, set top y-axies with numbering
# Start plot moneyOnWorms, data$moneyHorsesPerYear
ggplot(d, aes(x = nrDiagnoses, fill = nrTreatment)) +
  theme_bw() +
  geom_histogram(binwidth = 3, stat = "count") +
  labs(x = "Number of diagnoses",
       y = "Number of horseowners",
       title = "Number of treatments & diagnoses",
       fill = "Numbers of treatments")

ggsave("plot.jpg")

```

R-script for analyzing Czech market analysis

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