Title

Course

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DD MM YYYY

Contents

Data

Dataformat is of tab separated values regarding noise on campus. Some variables are shown in the printout below. The response is `spm3` and `spm4` which are "trivsel" and "effektivitet", respectively. The response is evaluated for each building block. ## Load data

```
# d = read.delim('C:/Users/kikka/OneDrive - NTNU/Fysmat/10 Semester
# V2023/EiT/TTT4850/data/data-315297-2023-02-09-1558-utf.txt', header=T)
d = read.delim("./data/data-315297-2023-02-15-1118-utf.txt", header = T)
head(d[1:5])
```

```
##         NR        Opprettet           Endret spm1 spm2
## 1 25713468 08.02.2023 10:59 08.02.2023 10:59 stud  elD
## 2 25713476 08.02.2023 11:00 08.02.2023 11:00 stud  elB
## 3 25713498 08.02.2023 11:00 08.02.2023 11:00 stud kjel
## 4 25713537 08.02.2023 11:02 08.02.2023 11:02 stud  elE
## 5 25713545 08.02.2023 11:03 08.02.2023 11:03 stud  elB
## 6 25714321 08.02.2023 11:44 08.02.2023 11:44 stud real
```

Reformat dumb shit

```
d = read.delim("./data/data-315297-2023-02-15-1118-utf.txt", header = T)

# Time
formatTime <- function(t) {
    tSplit = strsplit(t, " ")[[1]]
    s = 0
    for (i in seq(1, length(tSplit), 2)) {
```

```
        s = s + switch(tSplit[i + 1], dager = strtoi(tSplit[i]) * 24 * 3600, dag = strtoi(tSplit[i]) *
            24 * 3600, timer = strtoi(tSplit[i]) * 3600, time = strtoi(tSplit[i]) *
            3600, minutt = strtoi(tSplit[i]) * 60, minutter = strtoi(tSplit[i]) *
            60, sekunder = strtoi(tSplit[i]), sekund = strtoi(tSplit[i]), 0)
    }
    return(s)
}

ftimes = unlist(lapply(d$Svartid, formatTime))
cbind(d$Svartid, ftimes)
```

```
##                                ftimes
##  [1,] "2 minutter 32 sekunder"  "152"
##  [2,] "1 minutt 58 sekunder"    "118"
##  [3,] "2 minutter 32 sekunder"  "152"
##  [4,] "4 minutter 28 sekunder"  "268"
##  [5,] "2 minutter 45 sekunder"  "165"
##  [6,] "2 minutter 41 sekunder"  "161"
##  [7,] "11 minutter 46 sekunder" "706"
##  [8,] "1 minutt 5 sekunder"     "65"
##  [9,] "3 minutter 50 sekunder"  "230"
## [10,] "3 minutter 4 sekunder"   "184"
## [11,] "1 minutt"                "60"
## [12,] "1 minutt 21 sekunder"    "81"
## [13,] "1 minutt 5 sekunder"     "65"
## [14,] "2 minutter 17 sekunder"  "137"
## [15,] "2 minutter"              "120"
## [16,] "1 minutt 42 sekunder"    "102"
## [17,] "1 minutt 17 sekunder"    "77"
## [18,] "1 minutt 46 sekunder"    "106"
## [19,] "3 minutter 57 sekunder"  "237"
## [20,] "2 minutter 7 sekunder"   "127"
## [21,] "57 sekunder"             "57"
## [22,] "2 minutter 17 sekunder"  "137"
## [23,] "1 minutt 27 sekunder"    "87"
## [24,] "6 minutter 53 sekunder"  "413"
## [25,] "28 minutter 51 sekunder" "1731"
## [26,] "1 minutt 50 sekunder"    "110"
## [27,] "2 minutter 41 sekunder"  "161"
```

```
d$Svartid = ftimes

# Free text answers
```

```
write.csv(d[d[, "spm6"] != "", c("NR", "spm6")], "./data/freeTxt.csv", row.names = FALSE)
```

Make response

As mentioned, the responses are `spm3` and `spm4`.