
Subject: Re: cannot reproduce TFR using R-package DHS.rates

Posted by [cfq](#) on Thu, 05 Sep 2019 11:08:21 GMT

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Hi Bruno,

Thanks for the helpful reply! I post my updated R code here:

My R code:

```
##-----
```

```
# read in DHS data. I resave the SPSS file into csv format, nothing else is changed
```

```
data.full <- read.csv("IAIR23SV.csv", header = TRUE, stringsAsFactors = FALSE, strip.white = TRUE)
```

```
# clean the column names of the data file to fit to the fert() function
```

```
new.names <- names(data.full)
```

```
new.names <- tolower(new.names)
```

```
new.names <- gsub(".", "_", new.names, fixed = TRUE)
```

```
names(data.full) <- new.names
```

```
# ger TFR
```

```
library(DHS.rates)
```

```
res.t <- fert(data.full, Indicator = "tfr", JK = "Yes", Class = "v024",
```

```
      # this is the new line to indicate the data is for ever-married women and the  
adjustment vector name is awfactr
```

```
      EverMW = "Yes", AWFact = "awfactr")
```

```
res.t[order(res.t$Class), ] #show results
```

```
##-----
```

Unfortunately, the awfactr (all-women factor for region) is empty. But otherwise it should be able to reproduce the results. Thanks!