#download a zip file from the internet

# Tjohnson

#

URL <- "http://bit.ly/1jXJgDh"

temp = tempfile()

download.file(URL,temp)

UDSData <- read.csv(gzfile(temp, "uds\_summary.csv"))

names(UDSData)

#release temp cache

unlink(temp)

summary(UDSData)

dim(UDSData)

class(UDSData$country)

class(UDSData$year)

class(UDSData$cowcode)

class(UDSData$mean)

class(UDSData$sd)

class(UDSData$pct025)

class(UDSData$pct975)

date()

Console Output

#download a zip file from the internet

> # Tjohnson

> #

> URL <- "http://bit.ly/1jXJgDh"

> temp = tempfile()

> download.file(URL,temp)

trying URL 'http://bit.ly/1jXJgDh'

Content type 'application/x-gzip' length 424687 bytes (414 KB)

==================================================

downloaded 414 KB

> UDSData <- read.csv(gzfile(temp, "uds\_summary.csv"))

Warning messages:

1: In read.table(file = file, header = header, sep = sep, quote = quote, :

seek on a gzfile connection returned an internal error

2: In read.table(file = file, header = header, sep = sep, quote = quote, :

seek on a gzfile connection returned an internal error

> names(UDSData)

[1] "country" "year" "cowcode" "mean" "sd" "median" "pct025" "pct975"

> #release temp cache

> unlink(temp)

> summary(UDSData)

country year cowcode mean sd

Afghanistan: 63 Min. :1946 Min. : 2.0 Min. :-2.102820 Min. :0.09822

Albania : 63 1st Qu.:1969 1st Qu.:225.0 1st Qu.:-0.860170 1st Qu.:0.19168

Argentina : 63 Median :1984 Median :450.0 Median :-0.139264 Median :0.22536

Australia : 63 Mean :1982 Mean :458.8 Mean : 0.001518 Mean :0.23880

Austria : 63 3rd Qu.:1997 3rd Qu.:678.0 3rd Qu.: 0.796942 3rd Qu.:0.26623

Belgium : 63 Max. :2008 Max. :990.0 Max. : 2.116743 Max. :0.64365

(Other) :8759

median pct025 pct975

Min. :-2.052912 Min. :-3.0774 Min. :-1.4200

1st Qu.:-0.849860 1st Qu.:-1.3430 1st Qu.:-0.4150

Median :-0.136153 Median :-0.4751 Median : 0.2009

Mean :-0.000024 Mean :-0.4613 Mean : 0.4731

3rd Qu.: 0.791273 3rd Qu.: 0.3875 3rd Qu.: 1.2347

Max. : 2.066498 Max. : 1.3837 Max. : 3.1988

Warning message:

In .Internal(vapply(X, FUN, FUN.VALUE, USE.NAMES)) :

closing unused connection 3 (/var/folders/gm/f9qzzhh93yldkynhm9hbm\_g40000gp/T//RtmpCXg4l8/file386513397210)

> dim(UDSData)

[1] 9137 8

> class(UDSData$country)

[1] "factor"

> class(UDSData$year)

[1] "integer"

> class(UDSData$cowcode)

[1] "integer"

> class(UDSData$mean)

[1] "numeric"

> class(UDSData$sd)

[1] "numeric"

> class(UDSData$pct025)

[1] "numeric"

> class(UDSData$pct975)

[1] "numeric"

> date()

[1] "Sat Jun 9 06:02:13 2018"

>