

# Package ‘demoGh’

November 26, 2013

**Type** Package

**Title** What the package does (short line)

**Version** 1.0

**Date** 2013-11-26

**Author** Who wrote it

**Maintainer** Who to complain to <yourfault@somewhere.net>

**Description** More about what it does (maybe more than one line)

**License** What license is it under?

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demoGh-package	<i>exemple pour l’Institut Pasteur (2013)</i>
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## Description

contient juste la fonction `cdv()` et le dataframe ELF.

## Details

Package: demoGh  
Type: Package  
Version: 1.0  
Date: 2013-11-26  
License: What license is it under?

~~ An overview of how to use the package, including the most important ~~ functions ~~

**Author(s)**

(gH)

Maintainer: Who to complain to <yourfault@somewhere.net> (gH)

**References**

(gH)

**See Also**

mean

**Examples**

```
data(elf)
cdv( elf$AGE )
```

```
data(cars)
cdv(cars$dist)
```

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cdv

*Computes the coefficient of variation, that is, the ratio  $sd(x)/mean(x)$*

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**Description**

coefficient of variation

**Usage**

```
cdv(x)
```

**Arguments**

x

**Details**

minimal computation

**Value**

(gH)

**Note**

18/20 (with humor !)

**Author(s)**

(gH)

**References**

(gH)

**Examples**

```
data(elf)
cdv( elf$AGE )
```

```
data(cars)
cdv(cars$dist)
```

---

elf

*ELF datafile*

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**Description**

French dataset (1991) of 99 people with gender and education status.

**Usage**

```
data(elf)
```

**Format**

A data frame with 99 observations on the following 3 variables.

SEXE a numeric vector

AGE a numeric vector

ETUD a numeric vector

**Details**

0 mean male and 1 female for the SEXE variable. AGE refers to the age of the person, in years. ETUD is a code for education level...

**Source**

(gH)

**References**

(gH)

**Examples**

```
data(elf)
cdv(elf$AGE)
```

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