

# Package: pepe (via r-universe)

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**Type** Package

**Title** Data Manipulation

**Version** 1.2.0

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**Description** Is designed to make easier printing summary statistics  
(for continues and factor level) tables in Latex, and plotting  
by factor.

**License** GPL-3

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.2

**URL** <https://github.com/seymakalay/pepe>

**BugReports** <https://github.com/seymakalay/pepe/issues>

**Suggests** knitr, rmarkdown

**VignetteBuilder** knitr

**Depends** R (>= 2.10)

**Imports** dplyr, ggplot2, psych, tidyr, utils

**Repository** <https://seymakalay.r-universe.dev>

**RemoteUrl** <https://github.com/seymakalay/pepe>

**RemoteRef** HEAD

**RemoteSha** a6216ed3dfc22a247b53fdf59a6c896df62921a2

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df4.Plot.by.Factr      *Creating Dataset for Plot.by.Factr*

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### Description

Creating Dataset for Plot.by.Factr

### Usage

```
df4.Plot.by.Factr(var, df)
```

### Arguments

var                    Vector of factor variables.  
df                     Dataset.

### Value

The output from `df4.Plot.by.Factr`

### Examples

```
df <- sample_data[c("Formal", "Informal", "L.Both", "No.Loan",  
"sex", "educ", "political.af1", "married",  
"havejob", "rural", "age", "Income", "Networth", "Liquid.Assets",  
"NW.HE", "fin.knowledge", "fin.intermediaries")]  
CN = colnames(df)  
var <- c("educ", "rural", "sex", "havejob", "political.af1")  
df4.Plot.by.Factr(var, df)
```

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pepe

pepe *package*

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### Description

See the README on [GitHub](#)

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Plot.by.Factr                      *Plot by Factor*

---

**Description**

Plot by Factor

**Usage**

```
Plot.by.Factr(XXX, name.levels)
```

**Arguments**

XXX                      object to be plotted.  
name.levels              name object.

**Value**

The output from [Plot.by.Factr](#).

**Examples**

```
df <- sample_data[c("Formal", "Informal", "L.Both",  
"No.Loan", "sex", "educ", "political.afl", "married",  
"havejob", "rural", "age", "Income", "Networth", "Liquid.Assets",  
"NW.HE", "fin.knowldge", "fin.intermdiaries")]  
CN = colnames(df)  
var <- c("educ", "rural")  
  
name.levels <- c("Formal", "Informal", "L.Both", "No.Loan",  
"sex", "educ", "political.afl", "married",  
"havejob", "rural", "age", "Income", "Networth", "Liquid.Assets",  
"NW.HE", "fin.knowldge", "fin.intermdiaries")  
  
XXX <- df4.Plot.by.Factr(var, df)$Summ.Stats.long  
Plot.by.Factr(XXX, name.levels)
```

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Pvot.by.Factr                      *Pivot Table by Factor*

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**Description**

Pivot Table by Factor

**Usage**

```
Pvot.by.Factr(df)
```

**Arguments**

`df` The data frame of factor variables.

**Value**

The output from `Pvot.by.Factr`.

**Examples**

```
df <- sample_data[c("multi.level",
  "Formal", "L.Both", "No.Loan",
  "region", "sex", "educ", "political.af1",
  "married", "havejob", "rural",
  "fin.knowldge", "fin.intermdiaries")]
Pvot.by.Factr(df)
```

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sample_data	<i>Sample data for analysis. A dataset containing information of access to credit.</i>
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**Description**

Sample data for analysis.

A dataset containing information of access to credit.

**Usage**

```
sample_data
```

**Format**

A data\_frame with 53940 rows and 10 variables:

**hhid** hhid, household id number

**Cluster.No** Cluster.No, cluster no

**region** region, 3 factor level, west, east, and center

**No.Loan** No.Loan, if the household has no loan

**Formal** Formal, if the household has formal loan

**Both** Both, if the household has both loan

**Informal** Informal, if the household has informal loan

**sex** sex, if the household has male

**Income** Income of the household

**Loan.Type** Loan.Type, 4 factor level type of the loan

**multi.level** multi.level, 2 factor level if the household has access to loan or not ...

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Stats.by.Factr	<i>Summary Statistics by Factor</i>
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**Description**

Summary Statistics by Factor

**Usage**

```
Stats.by.Factr(var, df)
```

**Arguments**

var	The vector to set summary statistics.
df	The name of the Data set.

**Value**

The output from [Stats.by.Factr](#).

**Examples**

```
df <- sample_data[c("Formal", "Informal", "L.Both", "No.Loan",  
"sex", "educ", "political.af1", "married",  
"havejob", "rural", "age", "Income", "Networth", "Liquid.Assets",  
"NW.HE", "fin.knowledge", "fin.intermediaries")]  
CN = colnames(df)  
var <- c("educ")  
Stats.by.Factr(var, df)
```

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