

RStudio

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Untitled1* x

Source on Save

RunSource

WorkspaceHistory

Import Dataset

Values

N	1000
r1	lm[12]
u	numeric[1000]
x1	numeric[1000]
x2	numeric[1000]
y	numeric[1000]

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R: Fitting Linear Models Find in Topic

lm {stats} R Documentation

Fitting Linear Models

Description

lm is used to fit linear models. It can be used to carry out regression, single stratum analysis of variance and analysis of covariance (although [aov](#) may provide a more convenient interface for these).

Usage

```
lm(formula, data, subset, weights, method = "qr", model = TRUE, x.singular.ok = TRUE, contrasts =
```

Arguments

```
1
2 rm(list = ls())
3 N <- 1000
4 u <- rnorm(N)
5 x1 <- -2 + rnorm(N)
6 x2 <- 1 + x1 + rnorm(N)
7 y <- 1 + x1 + x2 + u
8 r1 <- lm(y ~ x1 + x2)
9
10 |
```

10:1 (Top Level) R Script

Console ~/

Tapez <Entrée> pour voir le graphique suivant :
Tapez <Entrée> pour voir le graphique suivant :
Tapez <Entrée> pour voir le graphique suivant :
>
> ?lm
> rm(list = ls())
> N <- 1000
> u <- rnorm(N)
> x1 <- -2 + rnorm(N)
> x2 <- 1 + x1 + rnorm(N)
> y <- 1 + x1 + x2 + u
> r1 <- lm(y ~ x1 + x2)
> |