

Package: rob (via r-universe)

May 17, 2026

Title What the Package Does (One Line, Title Case)

Version 0.0.0.9000

Description What the package does (one paragraph).

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URL <https://github.com/RomarioContoL/rob>

BugReports <https://github.com/RomarioContoL/rob/issues>

Imports FMC, minimalRSD

Repository <https://romariocontol.r-universe.dev>

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RemoteUrl <https://github.com/romariocontol/rob>

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adcol	<i>Function to add a new column to the matrix</i>
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Description

Function to add a new column to the matrix

Usage

```
adcol(x, y, z, run)
```

Arguments

x	levels vector of the new factor
y	number of levels of the new factor
z	level vector of the initial matrix
run	initial run matrix

Value

matrix with the new run order

Examples

```
x = matrix(c(-1, 1), ncol = 1)
y = length(x)
z = c(2,2,2)
run=matrix(c(1,-1,1,-1,1,1,-1,-1), ncol=2)
adcol(x,y,z,run)
```

runorder	<i>Assignment-Expansion method</i>
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Description

Assignment-Expansion method

Usage

```
runorder(z)
```

Arguments

z	vector with the levels of the factor
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Value

order of experimentation with bias and number of level changes in balance

Examples

```
z<-c(2,2,2,2,2,2)
runorder(z)
z<-c(4,3,2,3,2)
runorder(z)
z<-c(3,3,2,4)
runorder(z)
```

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