Package ‘seqPERM’

February 20, 2015

Type Package

Title Generates a permutation matrix based upon a sequence.

Version 1.0

Date 2013-01-28

Author Eric Golinko

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Description User inputs a range of values r1 and r2, as well as a number of columns v, in the function sq.pe(r1,r2,v). The returned statement is a permutation matrix.

License GPL-3

Repository CRAN

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NeedsCompilation no

R topics documented:

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|
| seqPERM-package | Generates a permutation matrix based upon a sequence. ~ seqPERM

Description

User will enter a lower and upper bound and how many columns are desired.

Details
make

Package: seqPERM
Type: Package
Version: 1.0
Date: 2013-01-28
License: GPL-3

sq.pe(r1, r2, v)

Author(s)
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References
none.

See Also
none.

Examples
# sq.pe(0, 1, 3)

make
Small helper function.

Description
Helps sq.pe.

Usage
make(r1, r2, k, v)

Arguments
r1 lower bound
r2 upper bound
k internal counter
v number of columns

Details
helper function for sq.pe()
sq.pe

Value
a vector

Note
thank you.

Author(s)
Eric Golinko

References
none.

Examples
#sq.pe(r1,r2,v)

<table>
<thead>
<tr>
<th>Function that carries out generating the permutation matrix.</th>
</tr>
</thead>
</table>

Description
Enter lower and upper bound of a sequence to generate a permutation matrix.

Usage
sq.pe(r1, r2, v)

Arguments
\n| r1 | lower bound of sequence |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>r2</td>
<td>upper bound of sequence</td>
</tr>
<tr>
<td>v</td>
<td>number of columns to generate</td>
</tr>
</tbody>
</table>

Details
Use function to generate matrix.

Value
A matrix.

Note
thank you.
Author(s)
Eric Golinko

References
none.

Examples
#sq.pe(0, 1, 3)
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