Title

e() — Unit vectors

Description Syntax Conformability Diagnostics Also see

Description

`e(i, n)` returns a $1 \times n$ unit vector, a vector with all elements equal to zero except for the ith, which is set to one.

Syntax

real rowvector `e(`*real scalar i*`,` *real scalar n*`)`

Conformability

`e(i, n)`:

i:	1×1
n:	1×1
result:	$1 \times n$

Diagnostics

`e(i, n)` aborts with error if $n < 1$ or if $i < 1$ or if $i > n$. Arguments i and n are interpreted as `trunc(`i`)` and `trunc(`n`)`.

Also see

[M-4] **Standard** — Functions to create standard matrices

Stata, Stata Press, and Mata are registered trademarks of StataCorp LLC. Stata and Stata Press are registered trademarks with the World Intellectual Property Organization of the United Nations. Other brand and product names are registered trademarks or trademarks of their respective companies. Copyright © 1985–2023 StataCorp LLC, College Station, TX, USA. All rights reserved.