

**stofreal()** — Convert real to string

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## Description

`stofreal(R)` returns *R* as a string using Stata's %9.0g format. `stofreal(R)` is equivalent to `stofreal(R, "%9.0g")`.

`stofreal(R, format)` returns *R* as a string formatted using *format*.

Leading blanks are trimmed from the result.

When arguments are not scalar, `stofreal()` returns element-by-element results.

## Syntax

```
string matrix   stofreal(real matrix R)
```

```
string matrix   stofreal(real matrix R, string matrix format)
```

## Remarks and examples

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`stofreal()` will ignore the format specified with `set dp`. To display numeric values as strings while respecting the format specified with `set dp`, use `sprintf()`.

## Conformability

`stofreal(R, format):`

<i>R</i> :	$r_1 \times c_1$	
<i>format</i> :	$r_2 \times c_2$ ,	<i>R</i> and <i>format</i> r-conformable (optional)
<i>result</i> :	$\max(r_1, r_2) \times \max(c_1, c_2)$	

## Diagnostics

`stofreal(R, format)` returns "." if *format* is invalid.

## Also see

[M-5] [strtoreal\(\)](#) — Convert string to real

[M-4] [String](#) — String manipulation functions

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