strmatch() — Determine whether string matches pattern

Syntax

```
real matrix strmatch(string matrix s, string matrix pattern)
```

Description

```
strmatch(s, pattern) returns 1 if s matches pattern and 0 otherwise.
When arguments are not scalar, strmatch() returns element-by-element results.
```

Remarks and examples

```
In pattern, * means that 0 or more characters go here and ? means that exactly one
character goes here. Thus pattern="*" matches anything and pattern="?p*x" matches all
strings whose second character is p and whose last character is x.

Stata understands strmatch() as a synonym for its own strmatch() function, so you can use
the strmatch() function in both your Stata and Mata code.
```

Conformability

```
strmatch(s, pattern):

s:       r_1 x c_1
pattern:  r_2 x c_2, s and pattern r-conformable
result:  max(r_1,r_2) x max(c_1,c_2)
```

Diagnostics

```
In strmatch(s, pattern), if s or pattern contain a binary 0 (they usually would not),
the strings are considered to end at that point.
```

Also see

```
[M-4] string — String manipulation functions
```