
proportion

syntax: `proportion(vector)`

purpose: `proportion(vector)` counts the fraction of instances in which `vector` is nonzero. This is useful for a variety of tests involving comparisons and other boolean operators.

example:

```
>> data = [1 2 3 4 5 6 7 8 9 10];
>> proportion(data > 5) => ans: .5
```

`proportion` works in exactly the same way as `count`, but whereas `count` returns the number of nonzero entries, `proportion` returns the fraction of entries that are nonzero.

See also: `COUNT`

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