
Subject: Re: How to test for a vector/matrix of constants?

Posted by [Braedley](#) on Wed, 06 Dec 2006 19:38:24 GMT

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Mirko wrote:

- > How can I quickly check if a vector/matrix is full of constants (all
- > elements equal)?
- > For example if a vector contained:
- > [2.38,2.38,2.38,...,2.38]
- > I want it flagged as a "constant" vector.
- >
- > I can think of finding differences between successive elements, and
- > check for non-zero elements.
- >
- > Any faster options?
- >
- > Thanks,
- >
- > Mirko

Probably not as fast as the others, but

if n_elements(uniq(array, sort(array))) eq 1 then ;flag it

Braedley
