#### SUMSQ

[Syntax](Syntax.docx):

SUMSQ ( argument-list )

Description: Adds the squares of arguments in argument-list.

Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| argument-list | logical, number, name, text, array, [reference](reference.docx)  | The arguments in argument-list designate the values whose squares are to be summed. Arguments that are numbers, logical values, or text representations of numbers shall be counted. If an argument is an array or [reference](reference.docx), only numbers in that array or [reference](reference.docx) shall be counted. Empty cells, logical values, and text in the array or [reference](reference.docx) shall be ignored. |

Return Type and Value: number – The sum of the squares of its arguments.

[Example:

SUMSQ(2) results in 4
SUMSQ(2.5,-3.6)) results in 19.21
SUMSQ({2.5,-3.6)},2.4) results in 24.97

end example]