#### STANDARDIZE

[Syntax](Syntax.docx):

STANDARDIZE ( x , mean , standard-dev )

Description: Computes a normalized value from a distribution characterized by mean and standard-dev.

Mathematical Formula:



Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| [x](x.docx) | number | The number whose value is to be normalized. |
| mean | number | The the arithmetic mean of the distribution. |
| standard-dev | number | The standard deviation of the distribution. |

Return Type and Value: number – A normalized value from a distribution.

However, if standard-dev ≤ 0, #NUM! is returned.

[Example:

STANDARDIZE(42,40,1.5) results in 1.333333333

end example]