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| corrected\_z {stats} | R Documentation |

corrected\_Z-test

**Description**

Performs corrected\_Z-test of Looney and Jones on vectors of data.

**Usage**

corrected\_z(x,y ...)

## Default S3 method:

corrected\_z (x, y, alternative = c("two.sided", "less", "greater"),

mu = 0)

**Arguments**

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| --- | --- |
| x | a (non-empty) numeric vector of data values. |
| y | a(non-empty) numeric vector of data values. |
| alternative | a character string specifying the alternative hypothesis, must be one of "two.sided" (default), "greater" or"less". You can specify just the initial letter. |
| mu | a number indicating the true value of the mean (or difference in means if you are performing a two sample test). |

**Details**

The formula interface is only applicable for the partially matched samples.

alternative = "greater" is the alternative that x has a larger mean than y.

**Value**

A list containing the following components:

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| z.stat | the value of the corrected-Z-stat. |
| p.value | the p-value for the test. |

**Examples**

require(?)

x<-c(3,2,5,13,54,63,22,11,NA,NA,NA)

y<-c(8,3,10,NA,NA,NA,NA,NA,43,96,14)

corrected\_z(x,y) # z.stat = -0.4384378 p.value = 0.6610690

[Package *stats* version 3.2.3 [Index](http://127.0.0.1:16576/help/library/stats/html/00Index.html)]