Package ‘chisq.posthoc.test’

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Type  Package
Title  A Post Hoc Analysis for Pearson's Chi-Squared Test for Count Data
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Description  Perform post hoc analysis based on residuals of Pearson's Chi-
License  GPL-3
URL  http://chisq-posthoc-test.ebbert.nrw/
BugReports  https://github.com/ebbertd/chisq.posthoc.test/issues
Suggests  knitr, testthat
VignetteBuilder  knitr
Encoding  UTF-8
LazyData  true
RoxygenNote  6.1.1
NeedsCompilation  no
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chisq.posthoc.test  Perform post hoc analysis based on residuals of Pearson’s Chi-squared Test for Count Data.

Description

Perform post hoc analysis based on residuals of Pearson’s Chi-squared Test for Count Data.

Usage

chisq.posthoc.test(x, method = "bonferroni", round = 6, ...)

Arguments

- **x**: A matrix passed on to the chisq.test function.
- **method**: The p adjustment method to be used. This is passed on to the p.adjust function.
- **round**: Number of digits to round the p.value to. Defaults to 6.
- **...**: Additional arguments passed on to the chisq.test function.

Value

A table with the adjusted p value for each x y combination.

References


Examples

# Data from Agresti(2007) p.39
M <- as.table(rbind(c(762, 327, 468), c(484, 239, 477)))
dimnames(M) <- list(gender = c("F", "M"),
                     party = c("Democrat","Independent", "Republican"))

# Pass data matrix to chisq.posthoc.test function
chisq.posthoc.test(M)
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