

Package ‘HSEtest’

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Type Package

Title Homogeneity of Stratum Effects Test

Version 0.1.0

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Description To test the homogeneity of stratum effects in stratified paired binary data.

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Encoding UTF-8

NeedsCompilation no

Repository CRAN

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HSE	<i>Homogeneity of Stratum Effects Test</i>
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Description

To test the homogeneity of stratum effects in stratified paired binary data.

Usage

HSE(Tab)

Arguments

Tab the table combining k 2*2 tables by rows, k is 1,2,...,n

Value

T	the statistic following the chi-squared distribution
p	the p value, if $p < 0.05$, there was a statistically significant difference among the stratum

Note

Please feel free to contact us, if you have any advice and find any bug!

Reference:

1. Yan D. Zhao, Dewi Rahardja, De-Hui Wang & Haili Shen (2014) Testing Homogeneity of Stratum Effects in Stratified Paired Binary Data, Journal of Biopharmaceutical Statistics, 24:3, 600-607, DOI: 10.1080/10543406.2014.888440

Update:

Version 0.1.0: The first version.

Examples

```
table1 <- matrix(c(30,4,3,20),ncol=2)
table2 <- matrix(c(25,2,3,20),ncol=2)
table <- rbind(table1,table2)
HSE(table)
```

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