

Package: ntranova (via r-universe)

September 8, 2024

Title Two Way Neutrosophic ANOVA

Version 0.0.1

Description Dealing with neutrosophic data of the form $N=D+I$ (where N is a Neutrosophic number , D is the determinant part of the number and I is the indeterminacy part) using the neutrosophic two way anova test keeps the type I error low. This algorithm calculates the fisher statistics when we have a neutrosophic data, also tests two hypothesizes, first is to test differences between treatments, and second is to test differences between sectors. For more information see Miari, Mahmoud; Anan, Mohamad Taher; Zeina, Mohamed Bisher(2022) [<https://www.americaspg.com/articleinfo/21/show/1058>](https://www.americaspg.com/articleinfo/21/show/1058).

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Encoding UTF-8

RoxygenNote 7.3.1

NeedsCompilation no

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Contents

ntaov	2
Index	3

`ntaov`*Neutrosophic Two Way ANOVA*

Description

Neutrosophic Two Way ANOVA

Usage`ntaov(dt)`**Arguments**`dt` is a data frame**Value**

Neutrosophic ANOVA Table

Examples

```
y=c(4,5,3,9,11,8,15,12,14)
y1=c(6,7,5,11,14,10,17,13,16)
tr=c(1,1,1,2,2,2,3,3,3)
cek=c(1,2,3,1,2,3,1,2,3)
dt=data.frame(y,y1,tr,cek)
ntaov(dt)
```

Index

ntaov, [2](#)