

Statistics Equations (Speedy Study Guides

STATISTICS EQUATIONS

Some Statistics Equations

Parameters

Population mean

Population standard deviation

Population variance

Variance of population proportion

Standard error

Population correlation coefficient

Statistics

Sample mean

Sample standard deviation

Sample variance

Variance of sample proportion

Standard sample proportion

Sample standard deviation

Sample correlation coefficient

Correlation

Pearson product-moment correlation

Linear correlation (sample data)

Linear correlation (population data)

Simple linear regression

Simple linear regression line

Regression coefficient

Regression slope (intercept)

Regression coefficient

Standard error of regression slope

Counting

n factorial

n choose r

Permutations of k things, taken r at a time

Combinations of k things, taken r at a time

Probability

Rule of addition

Rule of multiplication

Rule of subtraction

Rule of multiplication

Rule of subtraction

Formulas

$$\mu = \sum X/N$$

$$\sigma = \sqrt{\sum (X - \mu)^2 / N}$$

$$\sigma^2 = \sum (X - \mu)^2 / N$$

$$\sigma^2 = \sum (X^2) / N - \mu^2$$

$$\sigma = \sum (X - \mu) / N$$

$$r = \frac{\sum (X - \mu)(Y - \mu)}{\sqrt{\sum (X - \mu)^2 \sum (Y - \mu)^2}}$$

Formulas

$$\mu = \sum X / N$$

$$\sigma = \sqrt{\sum (X - \mu)^2 / N}$$

$$\sigma^2 = \sum (X - \mu)^2 / N$$

$$\sigma^2 = \sum (X^2) / N - \mu^2$$

$$\sigma = \sum (X - \mu) / N$$

$$r = \frac{\sum (X - \mu)(Y - \mu)}{\sqrt{\sum (X - \mu)^2 \sum (Y - \mu)^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2) / N - \mu^2}}$$

$$r = \frac{\sum (X^2) / N - \mu^2}{\sqrt{\sum (X^2) / N - \mu^2 \sum (Y^2)$$

Filesize: 6.05 MB

Reviews

It is great and fantastic. I actually have read and so i am certain that i am going to going to go through once again yet again in the future. I realized this ebook from my dad and i encouraged this book to find out.

(Dr. Kayden Gerlach)

STATISTICS EQUATIONS (SPEEDY STUDY GUIDES



To read **Statistics Equations (Speedy Study Guides** PDF, please refer to the button below and download the file or have access to other information which might be relevant to STATISTICS EQUATIONS (SPEEDY STUDY GUIDES book.

Speedy Publishing LLC, 2014. PAP. Book Condition: New. New Book. Delivered from our US warehouse in 10 to 14 business days. THIS BOOK IS PRINTED ON DEMAND. Established seller since 2000.



[Read Statistics Equations \(Speedy Study Guides Online](#)
[Download PDF Statistics Equations \(Speedy Study Guides](#)

Related Books



[PDF] The Werewolf Apocalypse: A Short Story Fantasy Adaptation of Little Red Riding Hood (for 4th Grade and Up)

Click the hyperlink beneath to download "The Werewolf Apocalypse: A Short Story Fantasy Adaptation of Little Red Riding Hood (for 4th Grade and Up)" PDF document.

[Read ePub »](#)



[PDF] The Writing Prompts Workbook, Grades 3-4: Story Starters for Journals, Assignments and More

Click the hyperlink beneath to download "The Writing Prompts Workbook, Grades 3-4: Story Starters for Journals, Assignments and More" PDF document.

[Read ePub »](#)



[PDF] Short Stories 3 Year Old and His Cat and Christmas Holiday Short Story Dec 2015: Short Stories

Click the hyperlink beneath to download "Short Stories 3 Year Old and His Cat and Christmas Holiday Short Story Dec 2015: Short Stories" PDF document.

[Read ePub »](#)



[PDF] Books for Kindergarteners: 2016 Children's Books (Bedtime Stories for Kids) (Free Animal Coloring Pictures for Kids)

Click the hyperlink beneath to download "Books for Kindergarteners: 2016 Children's Books (Bedtime Stories for Kids) (Free Animal Coloring Pictures for Kids)" PDF document.

[Read ePub »](#)



[PDF] Short Stories Collection I: Just for Kids Ages 4 to 8 Years Old

Click the hyperlink beneath to download "Short Stories Collection I: Just for Kids Ages 4 to 8 Years Old" PDF document.

[Read ePub »](#)



[PDF] Short Stories Collection II: Just for Kids Ages 4 to 8 Years Old

Click the hyperlink beneath to download "Short Stories Collection II: Just for Kids Ages 4 to 8 Years Old" PDF document.

[Read ePub »](#)