

ICS Part 2 Statistics Chapter 15 Online Test

Sr	Questions	Answers Choice
1	If two attributes A and B have perfect positive association value of the coefficient of association is equal to _____.	A. +1 B. -1 C. 0 D. $(r-1)(c-1)$
2	The critical region of χ^2 distribution is	A. $\chi^2 < \chi^2_{\alpha/2}$ B. $\chi^2 < \chi^2_{1-\alpha}$ C. $\chi^2 < \chi^2_{\alpha/2}$ D. $\chi^2 < \chi^2_{1-\alpha/2}$
3	The value of coefficient of association lies between	A. 0 and + 1 B. -1 and + 1 C. -1 and 0 D. -0.5 and + 0.5
4	When the expected frequencies are very small the value of χ^2 has been	A. adjusted B. omitted C. changed D. all of these
5	$n = (A) + \dots$	A. (B) B. (a) C. (β) D. (A)
6	The degree of linear relationship between two variable is called _____.	A. Dependent B. Association C. Positive D. Correlation
7	The process of dividing the objects into two mutually exclusive classes is called _____	A. Bichotomy B. Trichotomy C. Dichotomy D. Multichotomy
8	The degree of relationship between the two attributes is called _____.	A. Association B. Correlation C. Contingency D. Quantitative
9	$C = \dots$	
10	If $6\sum d^2/n(n^2 - 1)$ is zero, the value of r_s is _____.	A. 0.5 B. 1 C. -1 D. 0
11	A process of dividing the objects into two mutually exclusive classes of an attribute is called	A. classification B. trichotomy C. dichotomy D. association
12	The two attribute A and B are positively associated, if _____.	A. $(AB) = (A)(B)/n$ B. $(AB) < (A)(B)/n$ C. $(AB) \neq (A)(B)/n$ D. $(AB) > (A)(B)/n$
13	Question Image	A. $\Phi^{>2}$ B. $q^{>2}$ C. $\alpha^{>2}$ D. $\beta^{>2}$
14	For a 3×3 contingency table, the number of cells in the table are _____.	A. 3 B. 4 C. 6 D. 9
15	$(\alpha) = (\alpha B) + \dots$	A. $(A\beta)$ B. (AB) C. $(\alpha\beta)$ D. (A)
16	Chi-square curve ranges from:	A. $-\infty$ to $+\infty$ B. 0 to $+\infty$ C. $-\infty$ to 0

17 If any ultimate class frequency is negative the data will be
A. inconsistent
B. consistent
C. correlated
D. composite

18 A characteristic which varies in quantity from one individual to another is called a _____.
A. Association
B. Correlation
C. Variable
D. Attribute

19 The two attributes A and B are negatively associated if
A. regressor
B. correlation
C. regressand
D. association
