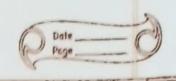


[e]	Speausman Rank Courelation:					
	honestly, beauty - qualitative data.					
	63, 65, 87, 24, 61, 57 50 61					
	position.					
olesa	63, 65, 87, 24, 61, 57, 50, 61, postion. ending to ascending 4+5 45 4throwk + 5 mank					
	20 Nb - 4 87 16 10 11 11 57 50 24					
	Jank - 487, 65, 63, 61, 61, 57, 50, 24 1 2 3 4 5 6 7 8.					
	common one -> addition					
	2.					
*	vank correlation Journala:					
	9=1-65d2 vohere, d=difference					
	$n(n^2-1)$ $n=no.$ of paices					
Λ						
Que:	two Judges have given the evanles to 10 students					
	two Judges have given the evanks to 10 students for there Honesty . Find out rank receivedation codination structure 1 st judge - 3,5,8,4,7,10,2,1,6,9					
	1 st Older = 3 5 8 4 7 10 9 1 (a					
	2 Jude 1 10191101211019					
	2nd judge - 6,4,9,8,1,2,3,10,5,7					
_	50 1111111111					
-						

	J.	dge - 2 Judge 9-63.	(difference bell)		
d^2	I St Sudge	2" Judge	2 rack)	
9 1 1 8 2 6 - 8 - 4	5 5 6 9 n=10	6 4 9 8 1 2 3 10 5 7	-3 91 = -1 -1 -4 = 6 8 -1 -9 1	1- 6 n (n	Ed2 2-1)



Interpretation of coscilation coefficient:

1) Interpretation of 91 = +1

two variables for such variables an Inverse in the value of one variable is associated with a porgovition inverse in the value of the other variable.

(2) Interpretation of 91 = -1

between two vaelables for such vaerables an increase in the value of one vaerable is associated with a proposition decrease in the value of the other vaerable.

(3) Interpretation of n = 0

21 = 0 shows absence of the relationship between the vacuables, such vacuables acce Sald to be unco-related. The vacuables acce independent



(4) If the values of se is nearer to the vacuables is more close, and of the value of se is nearer to 0, the selationship is less close.

(5) The relationship between the vaerables is not peropositional to the value of se that is i.e. 91 = 0.8 closes not indicate that the grelation is two times close than a when 91 = 0.4. 91 = 0.8 indicates more closeness of the grelationship than 91 = 0.4.

ge = +1 1 dec. (exact one) J J

91 = -1 1 jame pomention dec.

ge = 0 no sulation

91 = +1 001 = -1 0.1 0.1 0.1 0.8 9 = 0.8 0.1 0.1 0.1 0.8

doe-10 41 close 10 cl

