Spearman's Coefficient of Yank Cosselation

It is determined in the case where no numerical measure can be made For example: The Characteristic like beauty, intelligence, menesty ett.

Here, Ronkings are often applied in these cases.

So our objective is to determine "Is there on association between the rankingsp

Spearsnan's coefficient of rank correlation | P = 1

$$\rho = 1 - 6\Sigma D^2 \over h(n^2 - 1)$$

D > Difference between the two ranks given to each individual.

n - number of observations.

Note: (1) The range of P is between -1 to1. i.e. -1 < P < 1.

(II) value +1 indicates perpect association for identical sanking or or declines in a scaling contest ore rapidates

(III) value - indicates perfect association for reverse ranking.

Ronk (RI)	Rank (R2)	D= R1-R2	$D^2 = (R_1 - R_2)^2$	그렇게 가득하다 내 이 이 없었다고 어떻게 한다면 내려가 하는데 하는데 하는데 하게 하는데 내가 하다고 있다면서
1	1	0	800	to top but
2	2 2	OS PORDISAS	on single strong	riede ent etitioner
3	3	0	0	
4	4	0	error sold argon	ns descende But
			$\sum D^2 = O$	1

$$P = 1 - \frac{6 \Sigma D^2}{n(n^2 - 1)} = 1 - \frac{6 \times 0}{4(4^2 - 1)} = 1 - 0 = 1$$

R	R ₂	$D = R_1 - R_2$	$b^2 = (R_1 - R_2)^2$	
1	4	-3	9	
2	3	-1	pologiosos pl	PARALL RAILS AND SPECIAL SE
3	2	1	Conpress.	MESTAL OF HEAVING THE
4	1 1	3	9	The state of the s
	19363		ZD=20	go ar aughan wir thinks of
			+	1

$$P = 1 - \frac{6\Sigma D^2}{n(n^2 + 1)} = \frac{1 - 6\times 20}{4(4^2 - 1)}$$

4×15

Ques: Ten competitors in a beauty contest are ranked by two judeges in the following order and soloning in solony in

is the soft and actions are a second of the solution of

Calculate the Openman's rank correlation Coefficient. Is there is an association between the ranking ?