

id	Cigas Per	Birth	Pearson's Correlation			Rank		Spearman's Correlation				
	Day (X)	Weight (Y)	X_i^2	Y_i^2	$X_i Y_i$	R(X)	R(Y)	$R^2(X_i)$	$R^2(Y_i)$	$R(X_i) \cdot R(Y_i)$	d_i	d_i^2
1	12	7.7	144	59.29	92.4	1	5	1	25	5	-4	16
2	15	8.1	225	65.61	121.5	2	9	4	81	18	-7	49
3	35	6.9	1225	47.61	241.5	13	4	169	16	52	9	81
4	21	8.2	441	67.24	172.2	7	10	49	100	70	-3	9
5	20	8.6	400	73.96	172	5.5	13.5	30.25	182.3	74.25	-8	64
6	17	8.3	289	68.89	141.1	3	11.5	9	132.3	34.5	-8.5	72.25
7	19	9.4	361	88.36	178.6	4	15	16	225	60	-11	121
8	46	7.8	2116	60.84	358.8	15	6	225	36	90	9	81
9	20	8.3	400	68.89	166	5.5	11.5	30.25	132.3	63.25	-6	36
10	25	5.2	625	27.04	130	8.5	1	72.25	1	8.5	7.5	56.25
11	39	6.4	1521	40.96	249.6	14	3	196	9	42	11	121
12	25	7.9	625	62.41	197.5	8.5	7	72.25	49	59.5	1.5	2.25
13	30	8	900	64	240	12	8	144	64	96	4	16
14	27	6.1	729	37.21	164.7	10	2	100	4	20	8	64
15	29	8.6	841	73.96	249.4	11	13.5	121	182.3	148.5	-2.5	6.25
Sum	380	115.5	10,842	906.3	2875	120	120	1239	1239	841.5		795

Computation of Kendall's Tau

Original Data			Work Sheet			
			Sorted		Below Each Row	
ID	GMAT	GPA	GMAT	GPA	Concordant	Discordant
1	710	4	530	3.5	6	3
2	610	4	540	3.3	8	2
3	640	3.9	545	3.7	4	5
4	580	3.8	560	3.2	5	0
5	545	3.7	560	3.5	4	0
6	560	3.6	560	3.6	4	2
7	610	3.5	570	3.2	5	0
8	530	3.5	580	3.8	3	1
9	560	3.5	610	3.5	2	0
10	540	3.3	610	4	0	1
11	570	3.2	640	3.9	1	0
12	560	3.2	710	4		
			Sum		$N_c = 42$	$N_d = 14$