

Appendix 1 – Instruments.

Marlowe-Crowne 2(10) Social Desirability Scale

Listed below are a number of statements concerning personal attitudes and traits. Read each item and decide whether the statement is true or false as it pertains to you personally.

1. I never hesitate to go out of my way to help someone in trouble. (T)
2. I have never intensely disliked anyone. (T)
3. There have been times when I was quite jealous of the good fortune of others. (F)
4. I would never think of letting someone else be punished for my wrong doings. (T)
5. I sometimes feel resentful when I don't get my way. (F)
6. There have been times when I felt like rebelling against people in authority even though I knew they were right. (F)
7. I am always courteous, even to people who are disagreeable. (T)
8. When I don't know something I don't at all mind admitting it. (T)
9. I can remember "playing sick" to get out of something. (F)
10. I am sometimes irritated by people who ask favors of me. (F)

Please note: The above items are randomly ordered so that not all "T" responses are together, nor are all "F" responses together. In this way, the "answers" to the questions will be less obvious to the respondent.

However, the above items were *originally* grouped so that all of the "T" items were together and all of the "F" items were together. The original ordering was as follows: 1,2,8,7,4,5,6,9,3,10.

Scoring Algorithm

Direct score: For those items with a "T" listed, assign 1 point for a "T" response. For those items with an "F" listed, assign 0 points for an "F" response.

OR,

Reverse score: For those items with an "F" listed, assign 1 point for an "F" response. For those items with a "T" listed, assign 0 points for a "T" response.

The Moral Judgement Test (MJT)

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Konstanz, Germany

I. Workers' Dilemma

Due to some seemingly unfounded dismissals, several factory workers suspect that the managers are eavesdropping on their employees through an intercom and then using this information against them. The managers have officially and emphatically denied this accusation. The union has stated that it will only take steps against the company when proof has been found that confirms these suspicions. Consequently, two workers then break into the administrative offices and take tape transcripts that prove the allegation of eavesdropping.

		I strongly disagree				I strongly agree		
1. Would you disagree or agree with the workers' behavior?	-3	-2	-1	0	+1	+2	+3	
How acceptable do you find the following arguments <i>in favor</i> of the two workers' behavior? If someone argued that they were <i>right</i> ...		I strongly reject				I strongly accept		
2. because they did not cause much damage to company.	-4	-3	-2	-1	0	+1	+2	
+3 +4								
3. because of the company's disregard for the law, the means used by the two workers were permissible to restore law and order.	-4	-3	-2	-1	0	+1	+2	
+3 +4								
4. because most of the workers would approve of their act and many of them would be happy about it.	-4	-3	-2	-1	0	+1	+2	
+3 +4								
5. because trust among people and individual dignity count more than the firm's internal regulations.	-4	-3	-2	-1	0	+1	+2	+3
+4								
6. because the company had committed an injustice first, the two workers were justified in breaking into the offices.	-4	-3	-2	-1	0	+1	+2	
+3 +4								
7. because the two workers saw no legal means of revealing the company's misuse of confidence, they therefore chose what they considered to be the lesser evil.	-4	-3	-2	-1	0	+1	+2	+3
+4								
How acceptable do you find the following arguments <i>against</i> the two workers behavior? If someone argued that they were <i>wrong</i> ...		I strongly reject				I strongly accept		
8. because law and order in society would be endangered if everyone acted like the two workers did.	-4	-3	-2	-1	0	+1	+2	
+3 +4								
9. because one must not violate such a basic right as that of property ownership and take the law into one's own hands, unless								

- justified by some universal moral principle. -4 -3 -2 -1 0 +1 +2 +3
+4
10. because risking dismissal from the company on behalf of others is
unwise. -4 -3 -2 -1 0 +1 +2 +3
+4
11. because the two should have gone through the legal channels
at their disposal and not committed a serious violation of the law. . . . -4 -3 -2 -1 0 +1 +2 +3
+4
12. because one doesn't steal and commit burglary if one wants to be
considered a decent, honest person. -4 -3 -2 -1 0 +1 +2 +3
+4
13. because the dismissals of the other employees did not affect them
and thus they had no reason to steal the transcripts. -4 -3 -2 -1 0 +1 +2
+3 +4

II. Doctor's Dilemma

A woman with terminal cancer had no hope of recovery. She was in terrible pain and so weakened that a large dose of a painkiller such as morphine could cause her death. During a temporary period of improvement, she begged the doctor to give her enough morphine to kill her. She said she could no longer endure the pain and would be dead in a few weeks anyway. The doctor complied with her wish.

- | 14. Do you disagree or agree with the doctor's behavior? | -3 | -2 | -1 | 0 | +1 |
|---|------------------------------|----|----|----|------------------------------|
| +2 +3 | | | | | |
| How acceptable do you find the following arguments <i>in favor of</i>
the doctor? If someone said that he acted <i>rightly</i> | I strongly
reject | | | | I strongly
agree |
| 15. because the doctor had to act according to his conscience. The
woman's condition justified an exception to the moral obligation to
preserve life. | -4 | -3 | -2 | -1 | 0 +1 +2 |
| +3 +4 | | | | | |
| 16. because the doctor was the only one who could fulfill the woman's
wish; respect for her wish made him act as he did. | -4 | -3 | -2 | -1 | 0 +1 +2 |
| +3 +4 | | | | | |
| 17. because the doctor only did what the woman talked him into doing.
Hence, he need not worry about unpleasant consequences. | -4 | -3 | -2 | -1 | 0 +1 +2 |
| +3 +4 | | | | | |
| 18. because the woman would have died anyway and it did not take
much effort for him to give her an overdose of painkiller. | -4 | -3 | -2 | -1 | 0 +1 +2 |
| +3 +4 | | | | | |
| 19. because the doctor didn't really break a law. Nobody could have
saved the woman, and he only wanted to shorten her suffering. | -4 | -3 | -2 | -1 | 0 +1 +2 |
| +3 +4 | | | | | |
| 20. because most of his fellow doctors would presumably have done
the same in a similar situation. | -4 | -3 | -2 | -1 | 0 +1 +2 |
| +3 +4 | | | | | |
| How acceptable do you find the following arguments <i>against</i> the
doctor? If someone said that he acted <i>wrong</i> . . . | I strongly
reject | | | | I strongly
accept |

21. because he acted contrary to his colleagues' convictions. If they are against mercy-killing, the doctor should not have done it. -4 -3 -2 -1 0 +1 +2 +3
+4
22. because one should be able to have complete faith in a doctor's commitment to preserving life even if someone with great pain would rather die. -4 -3 -2 -1 0 +1 +2 +3
+4
23. because the protection of life is everyone's highest moral obligation. We have no clear moral criteria for distinguishing between mercy-killing and murder. -4 -3 -2 -1 0 +1 +2 +3
+4
24. because the doctor could get himself into much trouble. Others have been punished for doing a similar thing. -4 -3 -2 -1 0 +1 +2 +3
+4
25. because it could have been much easier for him, if he had waited and not interfered with the woman's dying. -4 -3 -2 -1 0 +1 +2
+3 +4
26. because the doctor broke the law. If one thinks that mercy-killing is illegal, then one should refuse such requests. -4 -3 -2 -1 0 +1 +2
+3 +4

RWA Scale Items (Altemeyer, 1988).

1. The way things are going in this country, it's going to take a lot of "strong medicine" to straighten out the troublemakers, criminals, and perverts.
2. It is wonderful that young people today have greater freedom to protest against things they don't like and to do their own thing.
3. It is always better to trust the judgement of the proper authorities in government and religion than to listen to the noisy troublemakers in our society who are trying to create doubt in people's minds.
4. People should pay less attention to the Bible and the other old traditional forms of religious guidance and instead develop their own personal standards of what is moral and immoral.
5. It would be best for everyone if the proper authorities censored magazines and movies to keep unsuitable material away from the youth.
6. It may be considered old fashioned by some, but having a decent, respectable appearance is still the mark of a gentleman and especially a lady.
7. The sooner we get rid of the traditional family structure, where the father is head of the family and the children are taught to obey authority automatically, the better. The old fashioned way has a lot wrong with it.
8. There is nothing wrong with pre-marital sexual intercourse.
9. The facts on crime, sexual immorality, and the recent public disorders all show we have to crack down harder on deviant groups and troublemakers if we are going to save our moral standards and preserve law and order.
10. There is nothing immoral or sick in somebody being a homosexual.

11. It is important to protect fully the rights of radicals and deviants.
12. Obedience and respect for authority are the most important virtues children should learn.
13. Rules about being well mannered and respectable are chains from the past which we should question very thoroughly before accepting them.
14. Once our government leaders and the authorities condemn the dangerous elements in our society, it will be the duty of every patriotic citizen to help stomp out the rot that is poisoning our country from within.
15. Free speech means that people should even be allowed to make speeches and write books urging the overthrow of the government.
16. Some of the worst people in our country nowadays are those who do not respect our flag, our leaders, and the normal way things are supposed to be done.
17. In these troubled times laws have to be enforced without mercy, especially when dealing with the agitators and revolutionaries who are stirring things up.
18. Atheists and others who have rebelled against the established religions are no doubt every bit as good and virtuous as those who attend church regularly.
19. Young people sometimes get rebellious ideas, but as they grow up they ought to get over them and settle down.
20. The self-righteous forces of law and order threaten freedom in our country a lot more than most of the groups they claim are radical and godless.
21. The courts are right on being easy on drug users as punishment would not do any good in cases like these.

22. If a child starts becoming unconventional and disrespectful of authority, it is his or hers parents duty to get the back to the normal way.

23. In the end, established authorities, like parents and our national leaders, generally turn out to be right about things, and all the protesters don't know what they are talking about.

24. A lot of our rules regarding modesty and sexual behaviour are just customs which are not necessarily any better or holier than those which other people follow.

25. There is absolutely nothing wrong with nudist camps.

26. The real keys to the good life are obedience, discipline and sticking to the straight and narrow.

27. It is best to treat dissenters with leniency and an open mind, since new ideas are the lifeblood of progressive change.

28. The biggest threat to our freedom comes from the Communists and their kind, who are out to destroy our religion, ridicule patriotism, corrupt the youth, and in general undermine our whole way of life.

29. Students in high school and university must be encouraged to challenge their parents way, confront established authorities, and in general criticize the customs and traditions of our society.

30. One reason we have so many troublemakers in our society nowadays is that parents and other authorities have forgotten that good old fashioned physical punishment is still one of the best ways to make people behave properly.

Appendix 2 – SPSS Output.

Total:

Statistics

		gender	age	educatio	group	rwatotal	sdtotal	C_index
N	Valid	172	172	172	176	174	173	174
	Missing	4	4	4	0	2	3	2
Mean		1.44	28.70	3.38	2.21	148.52	14.43	.2002
Std. Deviation		.498	15.387	1.125	1.835	31.913	2.108	.12333
Variance		.248	236.750	1.266	3.367	1018.436	4.445	.015
Skewness		.236	1.842	-1.586	1.134	-.250	-.021	.866
Std. Error of Skewness		.185	.185	.185	.183	.184	.185	.184
Range		1	65	4	5	140	9	.54
Minimum		1	18	0	1	76	10	.00
Maximum		2	83	4	6	216	19	.54
Percentiles	25	1.00	20.00	3.00	1.00	131.00	13.00	.1098
	50	1.00	21.50	4.00	1.00	146.50	15.00	.1719
	75	2.00	26.00	4.00	4.00	174.00	16.00	.2728

gender

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	male	96	54.5	55.8	55.8
	female	76	43.2	44.2	100.0
	Total	172	97.7	100.0	
Missing	System	4	2.3		
Total		176	100.0		

educatio

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	None	4	2.3	2.3	2.3
	high school	16	9.1	9.3	11.6
	college	16	9.1	9.3	20.9
	technical	11	6.3	6.4	27.3
	university	125	71.0	72.7	100.0
	Total	172	97.7	100.0	
Missing	System	4	2.3		
Total		176	100.0		

group

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Students	114	64.8	64.8	64.8
	Peace Protesters	7	4.0	4.0	68.8
	Security	7	4.0	4.0	72.7
	Mormans	22	12.5	12.5	85.2
	Bikers	4	2.3	2.3	87.5
	Freemasons	22	12.5	12.5	100.0
	Total	176	100.0	100.0	

Students:

Statistics

		gender	age	educatio	group	rwatotal	sdtotal	C_index
N	Valid	113	114	114	114	112	112	113
	Missing	1	0	0	0	2	2	1
Mean		1.57	21.97	4.00	1.00	137.21	13.77	.2180
Std. Deviation		.498	3.898	.000	.000	27.398	1.855	.13008
Variance		.248	15.194	.000	.000	750.656	3.441	.017
Skewness		-.271	4.337			-.203	.088	.764
Std. Error of Skewness		.227	.226	.226	.226	.228	.228	.227
Range		1	32	0	0	123	7	.53
Minimum		1	18	4	1	78	11	.01
Maximum		2	50	4	1	201	18	.54
Percentiles	25	1.00	20.00	4.00	1.00	118.00	12.00	.1190
	50	2.00	21.00	4.00	1.00	137.00	14.00	.1778
	75	2.00	22.00	4.00	1.00	156.50	15.00	.2967

gender

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	male	49	43.0	43.4	43.4
	female	64	56.1	56.6	100.0
	Total	113	99.1	100.0	
Missing	System	1	.9		
Total		114	100.0		

educatio

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid university	114	100.0	100.0	100.0

Peace Protesters:

Statistics

		gender	age	educatio	group	rwatotal	sdtotal	C_index
N	Valid	7	6	6	7	7	7	7
	Missing	0	1	1	0	0	0	0
Mean		1.57	29.83	2.83	2.00	108.14	13.29	.2489
Std. Deviation		.535	9.196	1.329	.000	21.920	1.604	.11639
Variance		.286	84.567	1.767	.000	480.476	2.571	.014
Skewness		-.374	.329	-.326		-.438	-.305	.056
Std. Error of Skewness		.794	.845	.845	.794	.794	.794	.794
Range		1	24	3	0	58	4	.39
Minimum		1	19	1	2	76	11	.06
Maximum		2	43	4	2	134	15	.44
Percentiles	25	1.00	21.25	1.75	2.00	83.00	12.00	.1806
	50	2.00	29.00	3.00	2.00	111.00	14.00	.2633
	75	2.00	38.50	4.00	2.00	131.00	15.00	.2896

gender

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid male	3	42.9	42.9	42.9
female	4	57.1	57.1	100.0
Total	7	100.0	100.0	

educatio

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid high school	1	14.3	16.7	16.7
college	2	28.6	33.3	50.0
university	3	42.9	50.0	100.0
Total	6	85.7	100.0	
Missing System	1	14.3		
Total	7	100.0		

Mormons:

Frequencies

Statistics

		gender	age	educatio	group	C_index	rwatotal	sdtotal
N	Valid	22	22	22	22	22	22	22
	Missing	0	0	0	0	0	0	0
Mean		1.36	21.36	1.86	4.00	.1357	184.82	16.55
Std. Deviation		.492	3.125	.941	.000	.08326	15.212	1.335
Variance		.242	9.766	.885	.000	.007	231.394	1.784
Skewness		.609	1.306	1.048		.763	-.207	.421
Std. Error of Skewness		.491	.491	.491	.491	.491	.491	.491
Range		1	12	3	0	.32	49	4
Minimum		1	18	1	4	.02	157	15
Maximum		2	30	4	4	.34	206	19
Percentiles	10	1.00	18.00	1.00	4.00	.0369	163.50	15.00
	20	1.00	19.00	1.00	4.00	.0562	168.20	15.00
	25	1.00	19.00	1.00	4.00	.0653	169.75	15.00
	30	1.00	19.00	1.00	4.00	.0745	173.60	15.90
	40	1.00	20.00	1.20	4.00	.0966	180.40	16.00
	50	1.00	21.00	2.00	4.00	.1281	185.00	16.00
	60	1.00	21.80	2.00	4.00	.1489	190.60	17.00
	70	2.00	22.00	2.00	4.00	.1842	197.20	17.10
	75	2.00	22.25	2.00	4.00	.1893	199.25	18.00
	80	2.00	23.40	2.40	4.00	.2018	201.20	18.00
90	2.00	26.70	3.70	4.00	.2635	204.40	18.70	

Frequency Table

gender

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid male	14	63.6	63.6	63.6
female	8	36.4	36.4	100.0
Total	22	100.0	100.0	

educatio

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid high school	9	40.9	40.9	40.9
college	9	40.9	40.9	81.8
technical	2	9.1	9.1	90.9
university	2	9.1	9.1	100.0
Total	22	100.0	100.0	

**Security Guards:
Frequencies**

Statistics

		gender	age	educatio	group	C_index	rwatotal	sdtotal
N	Valid	4	4	4	7	7	7	7
	Missing	3	3	3	0	0	0	0
Mean		1.00	53.25	2.50	3.00	.1269	169.86	15.43
Std. Deviation		.000	14.523	1.732	.000	.07009	26.829	2.440
Variance		.000	210.917	3.000	.000	.005	719.810	5.952
Std. Error of Skewness		1.014	1.014	1.014	.794	.794	.794	.794
Range		0	33	3	0	.20	84	7
Minimum		1	33	1	3	.00	132	12
Maximum		1	66	4	3	.20	216	19
Percentiles	25	1.00	38.00	1.00	3.00	.0931	154.00	13.00
	50	1.00	57.00	2.50	3.00	.1180	169.00	15.00
	75	1.00	64.75	4.00	3.00	.1870	188.00	17.00
Skewness			-1.255	.000		-.898	.530	-.024

Frequency Table

gender

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	male	4	57.1	100.0	100.0
Missing	System	3	42.9		
Total		7	100.0		

educatio

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	high school	2	28.6	50.0	50.0
	university	2	28.6	50.0	100.0
	Total	4	57.1	100.0	
Missing	System	3	42.9		
Total		7	100.0		

Bikers:

Statistics

		gender	age	educatio	group	rwatotal	sdtotal	C_index
N	Valid	4	4	4	7	7	7	7
	Missing	3	3	3	0	0	0	0
Mean		1.00	53.25	2.50	3.00	169.86	15.43	.1269
Std. Deviation		.000	14.523	1.732	.000	26.829	2.440	.07009
Variance		.000	210.917	3.000	.000	719.810	5.952	.005
Std. Error of Skewness		1.014	1.014	1.014	.794	.794	.794	.794
Range		0	33	3	0	84	7	.20
Minimum		1	33	1	3	132	12	.00
Maximum		1	66	4	3	216	19	.20
Percentiles	25	1.00	38.00	1.00	3.00	154.00	13.00	.0931
	50	1.00	57.00	2.50	3.00	169.00	15.00	.1180
	75	1.00	64.75	4.00	3.00	188.00	17.00	.1870
Skewness			-1.255	.000		.530	-.024	-.898

gender

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	male	4	57.1	100.0	100.0
Missing	System	3	42.9		
Total		7	100.0		

educatio

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	high school	2	28.6	50.0	50.0
	university	2	28.6	50.0	100.0
	Total	4	57.1	100.0	
Missing	System	3	42.9		
Total		7	100.0		

Freemason's:

Statistics

		gender	age	educatio	group	rwatotal	sdtotal	C_index
N	Valid	22	22	22	22	22	21	21
	Missing	0	0	0	0	0	1	1
Mean		1.00	62.50	2.59	6.00	176.18	16.19	.1560
Std. Deviation		.000	9.344	1.008	.000	16.783	1.289	.07793
Variance		.000	87.310	1.015	.000	281.680	1.662	.006
Std. Error of Skewness		.491	.491	.491	.491	.491	.501	.501
Range		0	40	3	0	64	5	.32

Minimum		1	43	1	6	141	14	.02
Maximum		1	83	4	6	205	19	.34
Percentiles	25	1.00	59.50	2.00	6.00	163.50	15.00	.0940
	50	1.00	60.00	3.00	6.00	177.50	16.00	.1478
	75	1.00	69.25	3.00	6.00	186.00	17.00	.1899
Skewness			.305	-.273		-.316	.848	.679

gender

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid male	22	100.0	100.0	100.0

educatio

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid high school	4	18.2	18.2	18.2
college	5	22.7	22.7	40.9
technical	9	40.9	40.9	81.8
university	4	18.2	18.2	100.0
Total	22	100.0	100.0	

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
rwahal * age	170	96.6%	6	3.4%	176	100.0%
rwahal * educatio	170	96.6%	6	3.4%	176	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	79.626 ^a	72	.252
Likelihood Ratio	86.916	72	.111
Linear-by-Linear Association	.471	1	.493
N of Valid Cases	170		

a. 101 cells (91.0%) have expected count less than 5. The minimum expected count is .25.

Symmetric Measures

	Value	Asymp. Std. Error ^a	Approx. T ^b	Approx. Sig.
Interval by Interval Pearson's R	.053	.055	.685	.494 ^c
Ordinal by Ordinal Spearman Correlation	.012	.069	.159	.874 ^c
N of Valid Cases	170			

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

c. Based on normal approximation.

rwahal * educatio

Crosstab

			educatio					Total
			None	high school	college	technical	university	
rwahal	Low RWA	Count	0	1	2	0	40	43
		Expected Count	1.0	4.0	4.0	2.8	31.1	43.0
		% within rwahal	.0%	2.3%	4.7%	.0%	93.0%	100.0%
		% within educatio	.0%	6.3%	12.5%	.0%	32.5%	25.3%
		% of Total	.0%	.6%	1.2%	.0%	23.5%	25.3%
	High RWA	Count	0	10	9	5	21	45
		Expected Count	1.1	4.2	4.2	2.9	32.6	45.0
		% within rwahal	.0%	22.2%	20.0%	11.1%	46.7%	100.0%
		% within educatio	.0%	62.5%	56.3%	45.5%	17.1%	26.5%
		% of Total	.0%	5.9%	5.3%	2.9%	12.4%	26.5%
	Medium RWA	Count	4	5	5	6	62	82
		Expected Count	1.9	7.7	7.7	5.3	59.3	82.0
		% within rwahal	4.9%	6.1%	6.1%	7.3%	75.6%	100.0%
		% within educatio	100.0%	31.3%	31.3%	54.5%	50.4%	48.2%
		% of Total	2.4%	2.9%	2.9%	3.5%	36.5%	48.2%
Total	Count	4	16	16	11	123	170	
	Expected Count	4.0	16.0	16.0	11.0	123.0	170.0	
	% within rwahal	2.4%	9.4%	9.4%	6.5%	72.4%	100.0%	
	% within educatio	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	% of Total	2.4%	9.4%	9.4%	6.5%	72.4%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	33.877 ^a	8	.000
Likelihood Ratio	36.313	8	.000
Linear-by-Linear Association	1.612	1	.204
N of Valid Cases	170		

a. 9 cells (60.0%) have expected count less than 5. The minimum expected count is 1.01.

Symmetric Measures

		Value	Asymp. Std. Error ^a	Approx. T ^b	Approx. Sig.
Interval by Interval	Pearson's R	-.098	.062	-1.272	.205 ^c
Ordinal by Ordinal	Spearman Correlation	-.066	.069	-.853	.395 ^c
N of Valid Cases		170			

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

c. Based on normal approximation.

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
rwahal * educatio	170	96.6%	6	3.4%	176	100.0%

rwahal * educatio Crosstabulation

			educatio					Total
			None	high school	college	technical	university	
rwahal	Low RWA	Count	0	1	2	0	40	43
		Expected Count	1.0	4.0	4.0	2.8	31.1	43.0
		% within rwahal	.0%	2.3%	4.7%	.0%	93.0%	100.0%
		% within educatio	.0%	6.3%	12.5%	.0%	32.5%	25.3%
		% of Total	.0%	.6%	1.2%	.0%	23.5%	25.3%
	High RWA	Count	0	10	9	5	21	45
		Expected Count	1.1	4.2	4.2	2.9	32.6	45.0
		% within rwahal	.0%	22.2%	20.0%	11.1%	46.7%	100.0%
		% within educatio	.0%	62.5%	56.3%	45.5%	17.1%	26.5%
		% of Total	.0%	5.9%	5.3%	2.9%	12.4%	26.5%
	Medium RWA	Count	4	5	5	6	62	82
		Expected Count	1.9	7.7	7.7	5.3	59.3	82.0
		% within rwahal	4.9%	6.1%	6.1%	7.3%	75.6%	100.0%
		% within educatio	100.0%	31.3%	31.3%	54.5%	50.4%	48.2%
		% of Total	2.4%	2.9%	2.9%	3.5%	36.5%	48.2%
Total	Count	4	16	16	11	123	170	
	Expected Count	4.0	16.0	16.0	11.0	123.0	170.0	
	% within rwahal	2.4%	9.4%	9.4%	6.5%	72.4%	100.0%	
	% within educatio	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
	% of Total	2.4%	9.4%	9.4%	6.5%	72.4%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	33.877 ^a	8	.000
Likelihood Ratio	36.313	8	.000
Linear-by-Linear Association	1.612	1	.204
N of Valid Cases	170		

a. 9 cells (60.0%) have expected count less than 5. The minimum expected count is 1.01.

Symmetric Measures

		Value	Asymp. Std. Error ^a	Approx. T ^b	Approx. Sig.
Interval by Interval	Pearson's R	-.098	.062	-1.272	.205 ^c
Ordinal by Ordinal	Spearman Correlation	-.066	.069	-.853	.395 ^c
N of Valid Cases		170			

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

c. Based on normal approximation.

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
rwahal * educatio	88	98.9%	1	1.1%	89	100.0%

rwahal * educatio Crosstabulation

			educatio				Total
			high school	college	technical	university	
rwahal	Low RWA	Count	1	2	0	40	43
		Expected Count	5.4	5.4	2.4	29.8	43.0
		% within rwahal	2.3%	4.7%	.0%	93.0%	100.0%
		% within educatio	9.1%	18.2%	.0%	65.6%	48.9%
		% of Total	1.1%	2.3%	.0%	45.5%	48.9%
	High RWA	Count	10	9	5	21	45
		Expected Count	5.6	5.6	2.6	31.2	45.0
		% within rwahal	22.2%	20.0%	11.1%	46.7%	100.0%
		% within educatio	90.9%	81.8%	100.0%	34.4%	51.1%
		% of Total	11.4%	10.2%	5.7%	23.9%	51.1%
Total	Count	11	11	5	61	88	
	Expected Count	11.0	11.0	5.0	61.0	88.0	
	% within rwahal	12.5%	12.5%	5.7%	69.3%	100.0%	
	% within educatio	100.0%	100.0%	100.0%	100.0%	100.0%	
	% of Total	12.5%	12.5%	5.7%	69.3%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	22.702 ^a	3	.000
Likelihood Ratio	26.269	3	.000
Linear-by-Linear Association	18.403	1	.000
N of Valid Cases	88		

a. 2 cells (25.0%) have expected count less than 5. The minimum expected count is 2.44.

Symmetric Measures

		Value	Asymp. Std. Error ^a	Approx. T ^b	Approx. Sig.
Interval by Interval	Pearson's R	-.460	.080	-4.803	.000 ^c
Ordinal by Ordinal	Spearman Correlation	-.491	.081	-5.224	.000 ^c
N of Valid Cases		88			

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

c. Based on normal approximation.

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
rwahal * gender	170	96.6%	6	3.4%	176	100.0%

rwahal * gender Crosstabulation

			gender		Total
			male	female	
rwahal	Low RWA	Count	13	31	44
		Expected Count	24.6	19.4	44.0
		% within rwahal	29.5%	70.5%	100.0%
		% within gender	13.7%	41.3%	25.9%
		% of Total	7.6%	18.2%	25.9%
	High RWA	Count	33	12	45
		Expected Count	25.1	19.9	45.0
		% within rwahal	73.3%	26.7%	100.0%
		% within gender	34.7%	16.0%	26.5%
		% of Total	19.4%	7.1%	26.5%
	Medium RWA	Count	49	32	81
		Expected Count	45.3	35.7	81.0
		% within rwahal	60.5%	39.5%	100.0%
		% within gender	51.6%	42.7%	47.6%
		% of Total	28.8%	18.8%	47.6%
Total	Count	95	75	170	
	Expected Count	95.0	75.0	170.0	
	% within rwahal	55.9%	44.1%	100.0%	
	% within gender	100.0%	100.0%	100.0%	
	% of Total	55.9%	44.1%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	18.637 ^a	2	.000
Likelihood Ratio	19.011	2	.000
Linear-by-Linear Association	8.096	1	.004
N of Valid Cases	170		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 19.41.

Symmetric Measures

		Value	Asymp. Std. Error ^a	Approx. T ^b	Approx. Sig.
Interval by Interval	Pearson's R	-.219	.075	-2.907	.004 ^c
Ordinal by Ordinal	Spearman Correlation	-.196	.077	-2.590	.010 ^c
N of Valid Cases		170			

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

c. Based on normal approximation.

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
rwahal * gender	89	100.0%	0	.0%	89	100.0%

rwahal * gender Crosstabulation

			gender		Total
			male	female	
rwahal	Low RWA	Count	13	31	44
		Expected Count	22.7	21.3	44.0
		% within rwahal	29.5%	70.5%	100.0%
		% within gender	28.3%	72.1%	49.4%
		% of Total	14.6%	34.8%	49.4%
High RWA	Count	33	12	45	
	Expected Count	23.3	21.7	45.0	
	% within rwahal	73.3%	26.7%	100.0%	
	% within gender	71.7%	27.9%	50.6%	
	% of Total	37.1%	13.5%	50.6%	
Total	Count	46	43	89	
	Expected Count	46.0	43.0	89.0	
	% within rwahal	51.7%	48.3%	100.0%	
	% within gender	100.0%	100.0%	100.0%	
	% of Total	51.7%	48.3%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	17.082 ^b	1	.000		
Continuity Correction ^a	15.373	1	.000		
Likelihood Ratio	17.674	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	16.890	1	.000		
N of Valid Cases	89				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 21.26.

Symmetric Measures

	Value	Asymp. Std. Error ^a	Approx. T ^b	Approx. Sig.
Interval by Interval Pearson's R	-.438	.095	-4.546	.000 ^c
Ordinal by Ordinal Spearman Correlation	-.438	.095	-4.546	.000 ^c
N of Valid Cases	89			

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

c. Based on normal approximation.

Nonparametric Correlations

Correlations

			C_index	rwatotal	sdtotal
Spearman's rho	C_index	Correlation Coefficient	1.000	-.385**	-.379**
		Sig. (2-tailed)	.	.000	.000
		N	174	172	173
	rwatotal	Correlation Coefficient	-.385**	1.000	.571**
		Sig. (2-tailed)	.000	.	.000
		N	172	174	171
	sdtotal	Correlation Coefficient	-.379**	.571**	1.000
		Sig. (2-tailed)	.000	.000	.
		N	173	171	173

** . Correlation is significant at the 0.01 level (2-tailed).

Nonparametric Correlations

Correlations

			C_index	rwatotal	sdtotal
Spearman's rho	C_index	Correlation Coefficient	1.000	-.279**	-.304**
		Sig. (2-tailed)	.	.003	.001
		N	113	111	112
	rwatotal	Correlation Coefficient	-.279**	1.000	.274**
		Sig. (2-tailed)	.003	.	.004
		N	111	112	110
	sdtotal	Correlation Coefficient	-.304**	.274**	1.000
		Sig. (2-tailed)	.001	.004	.
		N	112	110	112

** . Correlation is significant at the 0.01 level (2-tailed).

Nonparametric Correlations

Correlations

			C_index	rwatotal	sdtotal
Spearman's rho	C_index	Correlation Coefficient	1.000	-.429	-.642
		Sig. (2-tailed)	.	.337	.120
		N	7	7	7
	rwatotal	Correlation Coefficient	-.429	1.000	.606
		Sig. (2-tailed)	.337	.	.149
		N	7	7	7
	sdtotal	Correlation Coefficient	-.642	.606	1.000
		Sig. (2-tailed)	.120	.149	.
		N	7	7	7

Nonparametric Correlations

Correlations

			C_index	rwatotal	sdtotal
Spearman's rho	C_index	Correlation Coefficient	1.000	-.036	-.473
		Sig. (2-tailed)	.	.939	.284
		N	7	7	7
	rwatotal	Correlation Coefficient	-.036	1.000	.727
		Sig. (2-tailed)	.939	.	.064
		N	7	7	7
	sdtotal	Correlation Coefficient	-.473	.727	1.000
		Sig. (2-tailed)	.284	.064	.
		N	7	7	7

Nonparametric Correlations

Correlations

			C_index	rwatotal	sdtotal
Spearman's rho	C_index	Correlation Coefficient	1.000	-.272	-.020
		Sig. (2-tailed)	.	.221	.931
		N	22	22	22
	rwatotal	Correlation Coefficient	-.272	1.000	.277
		Sig. (2-tailed)	.221	.	.212
		N	22	22	22
	sdtotal	Correlation Coefficient	-.020	.277	1.000
		Sig. (2-tailed)	.931	.212	.
		N	22	22	22

Nonparametric Correlations

Correlations

			C_index	rwatotal	sdtotal
Spearman's rho	C_index	Correlation Coefficient	1.000	.400	-.200
		Sig. (2-tailed)	.	.600	.800
		N	4	4	4
	rwatotal	Correlation Coefficient	.400	1.000	-.800
		Sig. (2-tailed)	.600	.	.200
		N	4	4	4
	sdtotal	Correlation Coefficient	-.200	-.800	1.000
		Sig. (2-tailed)	.800	.200	.
		N	4	4	4

Nonparametric Correlations

Correlations

			C_index	rwatotal	sdtotal
Spearman's rho	C_index	Correlation Coefficient	1.000	-.168	-.259
		Sig. (2-tailed)	.	.467	.256
		N	21	21	21
	rwatotal	Correlation Coefficient	-.168	1.000	.379
		Sig. (2-tailed)	.467	.	.090
		N	21	22	21
	sdtotal	Correlation Coefficient	-.259	.379	1.000
		Sig. (2-tailed)	.256	.090	.
		N	21	21	21

Nonparametric Correlations

Correlations

			C_index	rwatotal	sdtotal	age
Spearman's rho	C_index	Correlation Coefficient	1.000	-.385**	-.379**	.106
		Sig. (2-tailed)	.	.000	.000	.170
		N	174	172	173	170
	rwatotal	Correlation Coefficient	-.385**	1.000	.571**	.143
		Sig. (2-tailed)	.000	.	.000	.064
		N	172	174	171	170
	sdtotal	Correlation Coefficient	-.379**	.571**	1.000	.114
		Sig. (2-tailed)	.000	.000	.	.141
		N	173	171	173	169
	age	Correlation Coefficient	.106	.143	.114	1.000
		Sig. (2-tailed)	.170	.064	.141	.
		N	170	170	169	172

** . Correlation is significant at the 0.01 level (2-tailed).

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
educatio	172	3.38	1.125	0	4

Kruskal-Wallis Test

Ranks

	educatio	N	Mean Rank
C_index	None	4	125.00
	high school	16	63.97
	college	16	58.78
	technical	10	85.10
	university	124	90.48
	Total	170	
rwatotal	None	4	81.00
	high school	16	133.31
	college	16	123.16
	technical	11	119.36
	university	123	71.50
	Total	170	
sdtotal	None	4	42.75
	high school	16	130.75
	college	16	116.41
	technical	10	118.20
	university	123	73.64
	Total	169	

Test Statistics^{a,b}

	C_index	rwatotal	sdtotal
Chi-Square	11.627	39.675	35.755
df	4	4	4
Asymp. Sig.	.020	.000	.000

a. Kruskal Wallis Test

b. Grouping Variable: educatio

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
gender	172	1.44	.498	1	2

Mann-Whitney Test

Ranks

	gender	N	Mean Rank	Sum of Ranks
C_index	male	94	85.03	7993.00
	female	76	86.08	6542.00
	Total	170		
rwatotal	male	95	101.16	9610.00
	female	75	65.67	4925.00
	Total	170		
sdtotal	male	93	97.21	9040.50
	female	76	70.06	5324.50
	Total	169		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	3528.000	2075.000	2398.500
Wilcoxon W	7993.000	4925.000	5324.500
Z	-.138	-4.669	-3.637
Asymp. Sig. (2-tailed)	.890	.000	.000

a. Grouping Variable: gender

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
educatio	172	3.38	1.125	0	4

Mann-Whitney Test

Ranks

	educatio	N	Mean Rank	Sum of Ranks
C_index	None	4	16.00	64.00
	high school	16	9.13	146.00
	Total	20		
rwatotal	None	4	3.63	14.50
	high school	16	12.22	195.50
	Total	20		
sdtotal	None	4	3.25	13.00
	high school	16	12.31	197.00
	Total	20		

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	10.000	4.500	3.000
Wilcoxon W	146.000	14.500	13.000
Z	-2.079	-2.604	-2.816
Asymp. Sig. (2-tailed)	.038	.009	.005
Exact Sig. [2*(1-tailed Sig.)]	.039 ^a	.005 ^a	.003 ^a

a. Not corrected for ties.

b. Grouping Variable: educatio

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
educatio	172	3.38	1.125	0	4

Mann-Whitney Test

Ranks

	educatio	N	Mean Rank	Sum of Ranks
C_index	None	4	15.50	62.00
	college	16	9.25	148.00
	Total	20		
rwatotal	None	4	4.50	18.00
	college	16	12.00	192.00
	Total	20		
sdtotal	None	4	3.88	15.50
	college	16	12.16	194.50
	Total	20		

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	12.000	8.000	5.500
Wilcoxon W	148.000	18.000	15.500
Z	-1.890	-2.269	-2.562
Asymp. Sig. (2-tailed)	.059	.023	.010
Exact Sig. [2*(1-tailed Sig.)]	.064 ^a	.022 ^a	.007 ^a

a. Not corrected for ties.

b. Grouping Variable: educatio

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
educatio	172	3.38	1.125	0	4

Mann-Whitney Test

Ranks

	educatio	N	Mean Rank	Sum of Ranks
C_index	None	4	10.25	41.00
	technical	10	6.40	64.00
	Total	14		
rwatotal	None	4	3.75	15.00
	technical	11	9.55	105.00
	Total	15		
sdtotal	None	4	3.13	12.50
	technical	10	9.25	92.50
	Total	14		

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	9.000	5.000	2.500
Wilcoxon W	64.000	15.000	12.500
Z	-1.556	-2.221	-2.591
Asymp. Sig. (2-tailed)	.120	.026	.010
Exact Sig. [2*(1-tailed Sig.)]	.142 ^a	.026 ^a	.008 ^a

a. Not corrected for ties.

b. Grouping Variable: educatio

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
educatio	172	3.38	1.125	0	4

Mann-Whitney Test

Ranks

	educatio	N	Mean Rank	Sum of Ranks
C_index	None	4	90.75	363.00
	university	124	63.65	7893.00
	Total	128		
rwatotal	None	4	76.63	306.50
	university	123	63.59	7821.50
	Total	127		
sdtotal	None	4	40.00	160.00
	university	123	64.78	7968.00
	Total	127		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	143.000	195.500	150.000
Wilcoxon W	7893.000	7821.500	160.000
Z	-1.438	-.697	-1.343
Asymp. Sig. (2-tailed)	.150	.486	.179

a. Grouping Variable: educatio

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
educatio	172	3.38	1.125	0	4

Mann-Whitney Test

Ranks

	educatio	N	Mean Rank	Sum of Ranks
C_index	high school	16	16.91	270.50
	college	16	16.09	257.50
	Total	32		
rwatotal	high school	16	18.41	294.50
	college	16	14.59	233.50
	Total	32		
sdtotal	high school	16	18.47	295.50
	college	16	14.53	232.50
	Total	32		

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	121.500	97.500	96.500
Wilcoxon W	257.500	233.500	232.500
Z	-.245	-1.151	-1.222
Asymp. Sig. (2-tailed)	.806	.250	.222
Exact Sig. [2*(1-tailed Sig.)]	.809 ^a	.254 ^a	.239 ^a

a. Not corrected for ties.

b. Grouping Variable: educatio

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
educatio	172	3.38	1.125	0	4

Mann-Whitney Test

Ranks

	educatio	N	Mean Rank	Sum of Ranks
C_index	high school	16	12.28	196.50
	technical	10	15.45	154.50
	Total	26		
rwatotal	high school	16	15.81	253.00
	technical	11	11.36	125.00
	Total	27		
sdtotal	high school	16	14.72	235.50
	technical	10	11.55	115.50
	Total	26		

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	60.500	59.000	60.500
Wilcoxon W	196.500	125.000	115.500
Z	-1.028	-1.433	-1.068
Asymp. Sig. (2-tailed)	.304	.152	.286
Exact Sig. [2*(1-tailed Sig.)]	.310 ^a	.162 ^a	.310 ^a

a. Not corrected for ties.

b. Grouping Variable: educatio

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
educatio	172	3.38	1.125	0	4

Mann-Whitney Test

Ranks

	educatio	N	Mean Rank	Sum of Ranks
C_index	high school	16	51.16	818.50
	university	124	73.00	9051.50
	Total	140		
rwatotal	high school	16	112.38	1798.00
	university	123	64.49	7932.00
	Total	139		
sdtotal	high school	16	110.75	1772.00
	university	123	64.70	7958.00
	Total	139		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	682.500	306.000	332.000
Wilcoxon W	818.500	7932.000	7958.000
Z	-2.027	-4.476	-4.362
Asymp. Sig. (2-tailed)	.043	.000	.000

a. Grouping Variable: educatio

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
educatio	172	3.38	1.125	0	4

Mann-Whitney Test

Ranks

	educatio	N	Mean Rank	Sum of Ranks
C_index	college	16	11.56	185.00
	technical	10	16.60	166.00
	Total	26		
rwatotal	college	16	15.09	241.50
	technical	11	12.41	136.50
	Total	27		
sdtotal	college	16	13.69	219.00
	technical	10	13.20	132.00
	Total	26		

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	49.000	70.500	77.000
Wilcoxon W	185.000	136.500	132.000
Z	-1.634	-.865	-.168
Asymp. Sig. (2-tailed)	.102	.387	.867
Exact Sig. [2*(1-tailed Sig.)]	.109 ^a	.394 ^a	.897 ^a

a. Not corrected for ties.

b. Grouping Variable: educatio

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
educatio	172	3.38	1.125	0	4

Mann-Whitney Test

Ranks

	educatio	N	Mean Rank	Sum of Ranks
C_index	college	16	47.38	758.00
	university	124	73.48	9112.00
	Total	140		
rwatotal	college	16	106.97	1711.50
	university	123	65.19	8018.50
	Total	139		
sdtotal	college	16	101.53	1624.50
	university	123	65.90	8105.50
	Total	139		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	622.000	392.500	479.500
Wilcoxon W	758.000	8018.500	8105.500
Z	-2.423	-3.905	-3.374
Asymp. Sig. (2-tailed)	.015	.000	.001

a. Grouping Variable: educatio

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
educatio	172	3.38	1.125	0	4

Mann-Whitney Test

Ranks

	educatio	N	Mean Rank	Sum of Ranks
C_index	technical	10	63.15	631.50
	university	124	67.85	8413.50
	Total	134		
rwatotal	technical	11	104.05	1144.50
	university	123	64.23	7900.50
	Total	134		
sdtotal	technical	10	100.70	1007.00
	university	123	64.26	7904.00
	Total	133		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	576.500	274.500	278.000
Wilcoxon W	631.500	7900.500	7904.000
Z	-.368	-3.259	-2.914
Asymp. Sig. (2-tailed)	.713	.001	.004

a. Grouping Variable: educatio

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Kruskal-Wallis Test

Ranks

	group	N	Mean Rank
C_index	Students	113	94.07
	Peace Protesters	7	112.07
	Security	7	61.36
	Mormons	22	60.95
	Bikers	4	128.25
	Freemasons	21	72.74
	Total	174	
rwatotal	Students	112	68.83
	Peace Protesters	7	25.00
	Security	7	118.21
	Mormons	22	146.82
	Bikers	4	83.00
	Freemasons	22	134.18
	Total	174	
sdtotal	Students	112	71.47
	Peace Protesters	7	57.14
	Security	7	107.86
	Mormons	22	136.27
	Bikers	4	44.13
	Freemasons	21	129.36
	Total	173	

Test Statistics^{a,b}

	C_index	rwatotal	sdtotal
Chi-Square	16.003	78.237	55.125
df	5	5	5
Asymp. Sig.	.007	.000	.000

a. Kruskal Wallis Test

b. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks	
C_index	Students	113	59.79	6756.50
	Peace Protesters	7	71.93	503.50
	Total	120		
rwatotal	Students	112	62.20	6966.00
	Peace Protesters	7	24.86	174.00
	Total	119		
sdtotal	Students	112	60.56	6782.50
	Peace Protesters	7	51.07	357.50
	Total	119		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	315.500	146.000	329.500
Wilcoxon W	6756.500	174.000	357.500
Z	-.896	-2.780	-.716
Asymp. Sig. (2-tailed)	.370	.005	.474

a. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks	
C_index	Students	113	61.81	6985.00
	Security	7	39.29	275.00
	Total	120		
rwatotal	Students	112	57.92	6487.00
	Security	7	93.29	653.00
	Total	119		
sdtotal	Students	112	58.58	6561.00
	Security	7	82.71	579.00
	Total	119		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	247.000	159.000	233.000
Wilcoxon W	275.000	6487.000	6561.000
Z	-1.663	-2.633	-1.822
Asymp. Sig. (2-tailed)	.096	.008	.068

a. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks
C_index	Students	113	72.19
	Mormons	22	46.50
	Total	135	
rwatotal	Students	112	57.82
	Mormons	22	116.80
	Total	134	
sdtotal	Students	112	59.31
	Mormons	22	109.18
	Total	134	

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	770.000	147.500	315.000
Wilcoxon W	1023.000	6475.500	6643.000
Z	-2.818	-6.516	-5.582
Asymp. Sig. (2-tailed)	.005	.000	.000

a. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Ranks

group		N	Mean Rank	Sum of Ranks
C_index	Students	113	72.19	8157.00
	Mormons	22	46.50	1023.00
	Total	135		
rwatotal	Students	112	57.82	6475.50
	Mormons	22	116.80	2569.50
	Total	134		
sdtotal	Students	112	59.31	6643.00
	Mormons	22	109.18	2402.00
	Total	134		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	770.000	147.500	315.000
Wilcoxon W	1023.000	6475.500	6643.000
Z	-2.818	-6.516	-5.582
Asymp. Sig. (2-tailed)	.005	.000	.000

a. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group		N	Mean Rank	Sum of Ranks
C_index	Students	113	58.19	6576.00
	Bikers	4	81.75	327.00
	Total	117		
rwatotal	Students	112	57.96	6491.50
	Bikers	4	73.63	294.50
	Total	116		
sdtotal	Students	112	59.21	6632.00
	Bikers	4	38.50	154.00
	Total	116		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	135.000	163.500	144.000
Wilcoxon W	6576.000	6491.500	154.000
Z	-1.365	-.916	-1.228
Asymp. Sig. (2-tailed)	.172	.360	.219

a. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks
C_index	Students	70.08	7919.00
	Freemasons	53.62	1126.00
	Total	134	
rwatotal	Students	58.93	6600.50
	Freemasons	111.11	2444.50
	Total	134	
sdtotal	Students	59.81	6698.50
	Freemasons	105.36	2212.50
	Total	133	

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	895.000	272.500	370.500
Wilcoxon W	1126.000	6600.500	6698.500
Z	-1.784	-5.765	-5.040
Asymp. Sig. (2-tailed)	.074	.000	.000

a. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks	
C_index	Peace Protesters	7	9.71	68.00
	Security	7	5.29	37.00
	Total	14		
rwatotal	Peace Protesters	7	4.14	29.00
	Security	7	10.86	76.00
	Total	14		
sdtotal	Peace Protesters	7	5.57	39.00
	Security	7	9.43	66.00
	Total	14		

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	9.000	1.000	11.000
Wilcoxon W	37.000	29.000	39.000
Z	-1.981	-3.003	-1.756
Asymp. Sig. (2-tailed)	.048	.003	.079
Exact Sig. [2*(1-tailed Sig.)]	.053 ^a	.001 ^a	.097 ^a

a. Not corrected for ties.

b. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks	
C_index	Peace Protesters	7	21.29	149.00
	Mormons	22	13.00	286.00
	Total	29		
rwatotal	Peace Protesters	7	4.00	28.00
	Mormons	22	18.50	407.00
	Total	29		
sdtotal	Peace Protesters	7	4.86	34.00
	Mormons	22	18.23	401.00
	Total	29		

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	33.000	.000	6.000
Wilcoxon W	286.000	28.000	34.000
Z	-2.242	-3.926	-3.683
Asymp. Sig. (2-tailed)	.025	.000	.000
Exact Sig. [2*(1-tailed Sig.)]	.024 ^a	.000 ^a	.000 ^a

a. Not corrected for ties.

b. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks	
C_index	Peace Protesters	7	5.29	37.00
	Bikers	4	7.25	29.00
	Total	11		
rwatotal	Peace Protesters	7	4.00	28.00
	Bikers	4	9.50	38.00
	Total	11		
sdtotal	Peace Protesters	7	6.50	45.50
	Bikers	4	5.13	20.50
	Total	11		

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	9.000	.000	10.500
Wilcoxon W	37.000	28.000	20.500
Z	-.945	-2.646	-.677
Asymp. Sig. (2-tailed)	.345	.008	.498
Exact Sig. [2*(1-tailed Sig.)]	.412 ^a	.006 ^a	.527 ^a

a. Not corrected for ties.

b. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks
C_index	Peace Protesters	7	19.86
	Freemasons	21	12.71
	Total	28	
rwatotal	Peace Protesters	7	4.00
	Freemasons	22	18.50
	Total	29	
sdtotal	Peace Protesters	7	5.14
	Freemasons	21	17.62
	Total	28	

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	36.000	.000	8.000
Wilcoxon W	267.000	28.000	36.000
Z	-1.990	-3.928	-3.567
Asymp. Sig. (2-tailed)	.047	.000	.000
Exact Sig. [2*(1-tailed Sig.)]	.048 ^a	.000 ^a	.000 ^a

a. Not corrected for ties.

b. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks
C_index	Security	7	15.00
	Mormons	22	15.00
	Total	29	
rwatotal	Security	7	10.43
	Mormons	22	16.45
	Total	29	
sdtotal	Security	7	11.86
	Mormons	22	16.00
	Total	29	

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	77.000	45.000	55.000
Wilcoxon W	330.000	73.000	83.000
Z	.000	-1.632	-1.145
Asymp. Sig. (2-tailed)	1.000	.103	.252
Exact Sig. [2*(1-tailed Sig.)]	1.000 ^a	.110 ^a	.280 ^a

a. Not corrected for ties.

b. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks
C_index	Security	7	4.71
	Bikers	4	8.25
	Total	11	
rwatotal	Security	7	7.36
	Bikers	4	3.63
	Total	11	
sdtotal	Security	7	7.29
	Bikers	4	3.75
	Total	11	

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	5.000	4.500	5.000
Wilcoxon W	33.000	14.500	15.000
Z	-1.701	-1.799	-1.721
Asymp. Sig. (2-tailed)	.089	.072	.085
Exact Sig. [2*(1-tailed Sig.)]	.109 ^a	.073 ^a	.109 ^a

a. Not corrected for ties.

b. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks
C_index	Security	7	13.07
	Freemasons	21	14.98
	Total	28	
rwatotal	Security	7	12.29
	Freemasons	22	15.86
	Total	29	
sdtotal	Security	7	12.57
	Freemasons	21	15.14
	Total	28	

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	63.500	58.000	60.000
Wilcoxon W	91.500	86.000	88.000
Z	-.531	-.969	-.737
Asymp. Sig. (2-tailed)	.596	.332	.461
Exact Sig. [2*(1-tailed Sig.)]	.604 ^a	.354 ^a	.499 ^a

a. Not corrected for ties.

b. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

	group	N	Mean Rank	Sum of Ranks
C_index	Mormons	22	12.09	266.00
	Bikers	4	21.25	85.00
	Total	26		
rwatotal	Mormons	22	15.50	341.00
	Bikers	4	2.50	10.00
	Total	26		
sdtotal	Mormons	22	15.36	338.00
	Bikers	4	3.25	13.00
	Total	26		

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	13.000	.000	3.000
Wilcoxon W	266.000	10.000	13.000
Z	-2.203	-3.129	-2.971
Asymp. Sig. (2-tailed)	.028	.002	.003
Exact Sig. [2*(1-tailed Sig.)]	.026 ^a	.000 ^a	.001 ^a

a. Not corrected for ties.

b. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks	
C_index	Mormons	22	20.36	448.00
	Freemasons	21	23.71	498.00
	Total	43		
rwatotal	Mormons	22	25.57	562.50
	Freemasons	22	19.43	427.50
	Total	44		
sdtotal	Mormons	22	23.50	517.00
	Freemasons	21	20.43	429.00
	Total	43		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	195.000	174.500	198.000
Wilcoxon W	448.000	427.500	429.000
Z	-.875	-1.587	-.829
Asymp. Sig. (2-tailed)	.382	.113	.407

a. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
group	176	2.21	1.835	1	6

Mann-Whitney Test

Ranks

group	N	Mean Rank	Sum of Ranks	
C_index	Bikers	4	19.75	79.00
	Freemasons	21	11.71	246.00
	Total	25		
rwatotal	Bikers	4	3.75	15.00
	Freemasons	22	15.27	336.00
	Total	26		
sdtotal	Bikers	4	3.50	14.00
	Freemasons	21	14.81	311.00
	Total	25		

Test Statistics^b

	C_index	rwatotal	sdtotal
Mann-Whitney U	15.000	5.000	4.000
Wilcoxon W	246.000	15.000	14.000
Z	-2.002	-2.775	-2.908
Asymp. Sig. (2-tailed)	.045	.006	.004
Exact Sig. [2*(1-tailed Sig.)]	.047 ^a	.002 ^a	.002 ^a

a. Not corrected for ties.

b. Grouping Variable: group

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
rwahal	174	2.24	.831	1	3

Kruskal-Wallis Test

Ranks

	rwahal	N	Mean Rank
C_index	Low RWA	44	115.59
	High RWA	44	60.55
	Medium RWA	84	84.86
	Total	172	
rwatotal	Low RWA	44	22.50
	High RWA	45	152.00
	Medium RWA	85	87.00
	Total	174	
sdtotal	Low RWA	44	55.76
	High RWA	44	128.16
	Medium RWA	83	79.68
	Total	171	

Test Statistics^{a,b}

	C_index	rwatotal	sdtotal
Chi-Square	27.064	147.114	50.951
df	2	2	2
Asymp. Sig.	.000	.000	.000

a. Kruskal Wallis Test

b. Grouping Variable: rwahal

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
rwahal	174	2.24	.831	1	3

Mann-Whitney Test

Ranks

	rwahal	N	Mean Rank	Sum of Ranks
C_index	Low RWA	44	58.78	2586.50
	High RWA	44	30.22	1329.50
	Total	88		
rwatotal	Low RWA	44	22.50	990.00
	High RWA	45	67.00	3015.00
	Total	89		
sdtotal	Low RWA	44	26.86	1182.00
	High RWA	44	62.14	2734.00
	Total	88		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	339.500	.000	192.000
Wilcoxon W	1329.500	990.000	1182.000
Z	-5.246	-8.129	-6.533
Asymp. Sig. (2-tailed)	.000	.000	.000

a. Grouping Variable: rwahal

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
rwahal	174	2.24	.831	1	3

Mann-Whitney Test

Ranks

	rwahal	N	Mean Rank	Sum of Ranks
C_index	Low RWA	44	79.31	3489.50
	Medium RWA	84	56.74	4766.50
	Total	128		
rwatotal	Low RWA	44	22.50	990.00
	Medium RWA	85	87.00	7395.00
	Total	129		
sdtotal	Low RWA	44	51.40	2261.50
	Medium RWA	83	70.68	5866.50
	Total	127		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	1196.500	.000	1271.500
Wilcoxon W	4766.500	990.000	2261.500
Z	-3.269	-9.294	-2.858
Asymp. Sig. (2-tailed)	.001	.000	.004

a. Grouping Variable: rwahal

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
rwahal	174	2.24	.831	1	3

Mann-Whitney Test

Ranks

	rwahal	N	Mean Rank	Sum of Ranks
C_index	High RWA	44	52.83	2324.50
	Medium RWA	84	70.61	5931.50
	Total	128		
rwatotal	High RWA	45	108.00	4860.00
	Medium RWA	85	43.00	3655.00
	Total	130		
sdtotal	High RWA	44	88.52	3895.00
	Medium RWA	83	51.00	4233.00
	Total	127		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	1334.500	.000	747.000
Wilcoxon W	2324.500	3655.000	4233.000
Z	-2.576	-9.363	-5.550
Asymp. Sig. (2-tailed)	.010	.000	.000

a. Grouping Variable: rwahal

Reliability

Warnings

The space saver method is used. That is, the covariance matrix is not calculated or used in the analysis.

Case Processing Summary

		N	%
Cases	Valid	174	98.9
	Excluded ^a	2	1.1
	Total	176	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.862	30

Item Statistics

	Mean	Std. Deviation	N
rwa1	5.35	2.435	174
rwa2	3.59	1.881	174
rwa3	4.63	2.492	174
rwa4	5.11	2.433	174
rwa5	4.28	2.606	174
rwa6	6.49	2.285	174
rwa7	6.60	2.158	174
rwa8	3.82	2.616	174
rwa9	5.30	2.472	174
rwa10	4.05	2.752	174
rwa11	4.80	2.360	174
rwa12	5.79	2.514	174
rwa13	6.68	2.037	174
rwa14	4.78	2.485	174
rwa15	4.52	2.516	174
rwa16	4.69	2.559	174
rwa17	4.94	2.351	174
rwa18	4.27	2.366	174
rwa19	5.94	2.046	174
rwa20	4.78	2.392	174
rwa21	5.10	2.409	174
rwa22	6.59	1.968	174
rwa23	4.60	2.414	174
rwa24	4.13	2.165	174
rwa25	3.51	2.184	174
rwa26	4.44	2.555	174
rwa27	4.26	1.905	174
rwa28	4.89	2.607	174
rwa29	6.10	2.244	174
rwa30	4.50	2.785	174

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
rwa1	143.17	947.242	.435	.857
rwa2	144.93	988.203	.226	.862
rwa3	143.89	903.890	.723	.848
rwa4	143.41	959.630	.351	.859
rwa5	144.25	953.077	.364	.859
rwa6	142.03	981.011	.225	.862
rwa7	141.93	1009.399	.032	.866
rwa8	144.71	937.862	.460	.856
rwa9	143.22	920.195	.614	.852
rwa10	144.47	952.227	.345	.859
rwa11	143.72	971.198	.283	.861
rwa12	142.74	913.895	.646	.851
rwa13	141.84	1013.484	.006	.867
rwa14	143.75	926.109	.570	.853
rwa15	144.01	934.353	.505	.855
rwa16	143.83	926.880	.545	.853
rwa17	143.59	967.990	.307	.860
rwa18	144.25	970.306	.289	.861
rwa19	142.59	967.504	.367	.859
rwa20	143.75	978.849	.226	.862
rwa21	143.42	951.979	.408	.857
rwa22	141.93	985.371	.236	.861
rwa23	143.93	933.815	.534	.854
rwa24	144.40	967.166	.346	.859
rwa25	145.01	985.769	.203	.863
rwa26	144.08	935.878	.486	.855
rwa27	144.26	967.037	.403	.858
rwa28	143.64	934.579	.483	.855
rwa29	142.43	950.801	.452	.856
rwa30	144.02	950.138	.353	.859

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
148.52	1018.436	31.913	30

Reliability

Warnings

The space saver method is used. That is, the covariance matrix is not calculated or used in the analysis.

Case Processing Summary

		N	%
Cases	Valid	173	98.3
	Excluded ^a	3	1.7
	Total	176	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.585	10

Item Statistics

	Mean	Std. Deviation	N
sd1	1.65	.477	173
sd2	1.25	.433	173
sd3	1.27	.446	173
sd4	1.77	.423	173
sd5	1.21	.411	173
sd6	1.35	.477	173
sd7	1.52	.501	173
sd8	1.71	.455	173
sd9	1.32	.467	173
sd10	1.38	.487	173

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
sd1	12.78	3.661	.304	.549
sd2	13.18	3.675	.350	.539
sd3	13.16	3.718	.307	.549
sd4	12.66	4.154	.065	.604
sd5	13.22	3.696	.367	.536
sd6	13.09	3.684	.291	.552
sd7	12.91	3.824	.189	.580
sd8	12.72	3.632	.350	.537
sd9	13.12	3.952	.148	.588
sd10	13.05	3.666	.290	.552

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
14.43	4.445	2.108	10

Nonparametric Correlations

Correlations

			C_index	rwatotal	sdtotal
Spearman's rho	C_index	Correlation Coefficient	1.000	-.279**	-.304**
		Sig. (2-tailed)	.	.003	.001
		N	113	111	112
	rwatotal	Correlation Coefficient	-.279**	1.000	.274**
		Sig. (2-tailed)	.003	.	.004
		N	111	112	110
	sdtotal	Correlation Coefficient	-.304**	.274**	1.000
		Sig. (2-tailed)	.001	.004	.
		N	112	110	112

** . Correlation is significant at the 0.01 level (2-tailed).

Nonparametric Correlations

Correlations

			C_index	rwatotal	sdtotal
Spearman's rho	C_index	Correlation Coefficient	1.000	-.433**	-.370**
		Sig. (2-tailed)	.	.000	.003
		N	61	61	61
	rwatotal	Correlation Coefficient	-.433**	1.000	.669**
		Sig. (2-tailed)	.000	.	.000
		N	61	62	61
	sdtotal	Correlation Coefficient	-.370**	.669**	1.000
		Sig. (2-tailed)	.003	.000	.
		N	61	61	61

** . Correlation is significant at the 0.01 level (2-tailed).

NPar Tests

Descriptive Statistics

	N	Mean	Std. Deviation	Minimum	Maximum
C_index	174	.2002	.12333	.00	.54
rwatotal	174	148.52	31.913	76	216
sdtotal	173	14.43	2.108	10	19
studentdandothers	176	1.3523	.47904	1.00	2.00

Mann-Whitney Test

Ranks

	studentdandothers	N	Mean Rank	Sum of Ranks
C_index	Student	113	94.07	10629.50
	Non-Student	61	75.34	4595.50
	Total	174		
rwatotal	Student	112	68.83	7708.50
	Non-Student	62	121.23	7516.50
	Total	174		
sdtotal	Student	112	71.47	8005.00
	Non-Student	61	115.51	7046.00
	Total	173		

Test Statistics^a

	C_index	rwatotal	sdtotal
Mann-Whitney U	2704.500	1380.500	1677.000
Wilcoxon W	4595.500	7708.500	8005.000
Z	-2.340	-6.574	-5.598
Asymp. Sig. (2-tailed)	.019	.000	.000

a. Grouping Variable: studentdandothers