

**Sociometrics**  
Grade 3/Year 4  
Fast Track Project Technical Report  
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**Table of Contents**

- I. Scale Description
- II. Report Sample
- III. Scaling
- IV. Differences between Groups
- V. Recommendations for Use
- VI. Item and Scale Means and SDs
- VII. Item Correlations

**Appendix**

SAS Scoring program

**Citations**

*Instrument*

Coie, J.D., Dodge, K.A., & Coppotelli, H.A. (1982). Dimensions and types of social status: A cross-age perspective. *Developmental Psychology, 18*, 557-570.

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**Data Sources**

Raw: C4E

Scored: SCM4

**I. Scale Description**

The sociometric interview assesses peer's perceptions of children in their classroom on a variety of dimensions (Coie, Dodge, & Coppotelli, 1982). The interview is administered individually at school. Children are presented with a roster of all the students in their classroom. They first rate how much they like, or do not like, to play with each child in their classroom. On the 1st and 2nd grade forms, these ratings were made on a 3-point scale; for the 3rd grade form, this was expanded to a 5-point scale. For grade 4, no roster ratings were collected. After completing the roster ratings the children are then asked

to nominate other children in their classroom on the following dimensions: liked most, liked least, aggression (who are the kids who start fights and say mean things), withdrawn (who are the kids who are shy and act afraid to be around other kids) behavior, prosocial (who are the kids who cooperate, help, and share) behavior, hyperactivity (who are the kids who get out of their seats and bother people), and victim (who gets picked on and teased by other kids) behavior. In grades 1, 2, and 3, children responded to these questions using both unlimited and fixed (top 3) nominations. In grade 4, only unlimited nominations were included. Adequate reliability and cross-contextual stability has been demonstrated for these assessments.

Social preference and social impact scores were also calculated, based on the like least and like most scores. This was done to assess the degree to which a child might be considered cooperative and supportive (a high social preference score) and the degree to which a child has influence in the classroom, positive or negative (high social impact).

In addition to sociometric items, a series of questions was developed for the Fast Track project that assess children's liking of school and loneliness. The number of items for this section has gradually increased over time, from 8 to 12 to 21 in grade 4.

## II. Report Sample

These exploratory analyses were conducted on the first cohort on the high-risk control sample (n = 155) and the normative sample (n = 387, 463 with overlap) from the fourth year of the study. Sociometric scores are based on the responses by a child's peers, so it is possible for a child to have scores even if he or she did not actually respond. As a result, data on the number of missing responses is broken into two parts: one reflecting the sociometric scores and the other reflecting the self-report items.

For the sociometric scores, 171 records were missing the complete measure. 62 records were missing from the control sample (19 from Durham, 15 from Nashville, 9 from Pennsylvania, and 19 from Washington) and 144 records were missing from the normative sample (40 from Durham, 45 from Nashville, 9 from Pennsylvania, and 50 from Washington). These numbers may reflect some overlap between the two samples.

For the self-report items, 238 records were missing the complete measure. 87 records were missing from the control sample (26 from Durham, 22 from Nashville, 15 from Pennsylvania, and 24 from Washington) and 197 records were missing from the normative sample (52 from Durham, 61 from Nashville, 29 from Pennsylvania, and 55 from Washington). These numbers may reflect some overlap between the two samples.

## III. Scaling

The first step in obtaining data was to use roster ratings. Subjects received mean scores for nominations **given** to others in their class and nominations **received** from other students in their classroom. For the roster ratings, a low value signified high 'like to play' scores either given or received. For instance, when the three-point scale was used, a "1" signified that a child liked another child a lot, while a "3" signified that the child did not like the other child at all. The same is true of the five-point scale, where a "1" still signified that a child liked another child a lot and a "5" meant that the child did not like the other child at all. For nominations for the like most/like least categories and for the behaviors (aggression, hyperactivity, withdrawn behavior, prosocial behavior, and victim behavior) students were simply asked to name children who fit each described category.

The next step was to determine the sociometric scores for each student. As stated earlier, children responded to the roster ratings using both unlimited and fixed (top 3) nominations. Some users of sociometric data rely on receiving a person's top 3, or fixed, nominations for a category. Others rely on allowing the person to nominate an unlimited number of people for a category.

Individual items were scored by summing nominations across all children in the classroom. Both raw scores and z scores are available for both types of sociometric scores (unlimited and fixed). The z-scores are standardized within each classroom group. In addition, standardized social preference and social impact items were scored as follows:

Social Preference: standardized Liked Most - standardized Liked Least (score is then re-standardized)

Social Impact: standardized Liked Most + standardized Liked Least (score is then re-standardized)

In 1997 new standardized variables were created by standardizing scores within classroom and by sex. Generally children's peer interactions are typically sex-segregated, particularly in elementary school. So, by including only same-sex children in the computation of sociometric scores, the assessments of peer status would be more valid, and would better reflect the peer reality of elementary school. The variables that break down the data by sex replace the "z" in the variables' names with a "g," but are otherwise similar in name to the original standardized variable. For example, C3EZAGGS represents "Aggressive sum z-score" for the original standardized variable and C3EGAGGS represents "Aggressive z-score by sex" for the new standardized variable.

In addition, peer status variables were created to identify the subject's classification in one of the five status groups (Average, Popular, Neglected, Rejected, or Controversial) using combinations of the Social Preference, Social Impact, Like Least, and Like Most variables (see table below).

Peer Status	
Popular	Social Preference z-score $\geq 1$ + Like Least sum z-score $< 0$ + Like Most sum z-score $> 0$
Rejected	Social Preference z-score $\leq -1$ + Like Least sum z-score $> 0$ + Like Most sum z-score $< 0$
Neglected	Social Impact z-score $\leq -1$
Controversial	Social Impact z-score $\geq 1$ + Like Least sum z-score $\geq 0$ + Like Most sum z-score $\geq 0$
Average	Does not fit any of the other categories

These status groupings were calculated in the same way for both the unlimited and fixed nominations.

Finally, the self-report items were completed by the child using a scale of 1 to 4, where 1 is "almost never," 2 is "sometimes," 3 is "a lot of the time," and 4 is "all of the time." These questions included 1 (is school fun for you), 2 (do nice things happen to you at school), 3 (do you feel unhappy at school-reversed), 4 (do you like your school), 5 (do you have kids to play with at school), 6 (are you lonely at school-reversed), 7 (is it hard to make friends at school-reversed), 8 (do kids at school like you), 9 (do the kids in class put others down-reversed), 10 (is class a fun place to be), 11 (do kids in class help each other learn), and 12 (are the kids in class mean to each other-reversed). A summary scale score, *School Satisfaction*, based on factor analysis, can be used for these self-report items.

Cronbach's alphas were calculated for both samples of the *School Satisfaction* scale: .70 for the control sample and .76 for the normative sample.

#### IV. Differences between Groups

A series of t-tests between the high-risk control sample and the normative sample (including the overlap) indicated significant differences for 26 of the 29 z-score/mean roster rating items. The three z-scores/mean roster rating items that did not indicate significant differences between the samples were: C4EGWDRS (Withdrawn behavior z-score by sex), C4EGSIM3 (Social impact top 3 z-score by sex), and C4EGSIMU (Social impact unlimited z-score by sex).

A t-test for the scale, *School Satisfaction*, indicated significant differences between the samples, as well as indicating that the mean for the normative sample was greater than the mean for the control sample.

Sociometrics Scale

Variable	Normative Sample		Control Sample		DF	t Value	Pr >  t
	Mean	Std Dev	Mean	Std Dev			
SCM4SCS (School Satisfaction)	37.76	5.45	36.10	5.44	223	-2.10	0.0369

Sociometrics Z-Score/Mean Roster Rating Items

Variable	Normative Sample		Control Sample		DF	tValue	Pr >  t
	Mean	Std Dev	Mean	Std Dev			
C4EZLMS3 (Like Most sum z-score-top 3)	0.12	0.93	-0.45	0.63	290	-5.33	<.0001
C4EZLMSU (Like Most sum z-score-unlimited)	0.16	0.94	-0.52	0.72	290	-6.18	<.0001
C4EZLLS3 (Like Least sum z-score-top 3)	-0.19	0.80	0.71	0.17	290	7.60	<.0001
C4EZLLSU (Like Least sum z-score-unlimited)	-0.21	0.83	0.74	1.08	290	8.27	<.0001
C4EZAGGS (Aggressive sum z-score)	-0.15	0.82	0.77	1.16	290	7.81	<.0001
C4EZWDRS (Withdrawn Behavior sum z-score)	0.01	0.98	-0.28	0.63	290	-2.65	0.0086
C4EZPROS (Prosocial sum z-score)	0.18	0.96	-0.55	0.58	290	-6.81	<.0001
C4EZHYPS (Hyperactive sum z-score)	-0.14	0.90	0.87	1.26	290	7.84	<.0001
C4EZVICS (Victim Behavior sum z-score)	-0.12	0.87	0.29	1.15	290	3.36	0.0009
C4EZPRF3 (Social Preference difference z-score-top 3)	0.19	0.86	-0.73	0.92	290	-8.37	<.0001
C4EZSIM3 (Social Impact difference z-score-top 3)	-0.06	0.94	0.22	1.04	290	2.26	0.0243
C4EZPRFU (Social Preference difference z-score-unlimited)	0.22	0.86	-0.76	0.91	290	-8.87	<.0001
C4EZSIMU (Social Impact difference z-score-unlimited)	-0.06	1.03	0.21	1.03	290	2.08	0.0381

<b>C4EGLLSU (Like Least unlimited z-score by sex)</b>	-0.19	0.86	0.58	0.98	290	6.71	<.0001
<b>C4EGLLS3 (Like Least top 3 z-score by sex)</b>	-0.17	0.83	0.54	1.00	290	6.35	<.0001
<b>C4EGLMSU (Like Most unlimited z-score by sex)</b>	0.16	0.94	-0.41	0.74	290	-5.14	<.0001
<b>C4EGLMS3 (Like Most top 3 z-score by sex)</b>	0.11	0.94	-0.40	0.69	290	-4.61	<.0001
<b>C4EGAGGS (Aggressive z-score by sex)</b>	-0.11	0.88	0.59	1.08	290	5.88	<.0001
<b>C4EGHYPS (Hyperactive z-score by sex)</b>	-0.10	0.88	0.60	1.02	290	6.03	<.0001
<b>C4EGPROS (Prosocial z-score by sex)</b>	0.15	0.93	-0.41	0.66	290	-5.19	<.0001
<b>C4EGVICS (Victim Behavior z-score by sex)</b>	-0.07	0.92	0.31	1.10	290	3.09	0.0022
<b>C4EGWDRS (Withdrawn Behavior z-score by sex)</b>	-0.16	0.81	0.38	0.98	290	-1.59	0.1122
<b>C4EGPRFU (Social Preferences unlimited z-score by sex)</b>	0.21	0.91	-0.61	0.89	290	-7.25	<.0001
<b>C4EGSIMU (Social Impact unlimited z-score by sex)</b>	-0.03	1.04	0.16	0.97	290	1.44	0.1513
<b>C4EGPRF3 (Social Preferences top 3 z-score by sex)</b>	0.18	0.92	-0.61	0.86	290	-6.98	<.0001
<b>C4EGSIM3 (Social Impact top 3 z-score by sex)</b>	-0.06	0.94	0.12	0.98	290	1.48	0.1401
<b>C4ERRGIV (Mean roster rating given by respondent)</b>	2.37	0.65	2.19	0.62	255	-2.11	0.0357
<b>C4ERRREC (Mean roster rating received by respondent)</b>	2.25	0.58	2.78	0.61	290	7.19	<.0001
<b>C4ERRSTD (Std. Dev. of mean roster rating received)</b>	1.16	0.31	1.27	0.31	290	2.91	0.0039

The frequency distribution of the *Status Grouping of the Top 3* between the high-risk control and normative samples was:

<b>Table of C4ESTAT3 by group</b>			
<b>C4ESTAT3 (Status Grouping (Top 3))</b>	<b>Group</b>		<b>Total</b>
<b>Frequency Column Percent</b>	<b>Control</b>	<b>Normative</b>	
<b>AVERAGE</b>	46 49.46	104 52.26	150
<b>CONTROVERSIAL</b>	6 6.45	10 5.03	16
<b>NEGLECTED</b>	12 12.90	36 18.09	48
<b>POPULAR</b>	1 1.08	32 16.08	33
<b>REJECTED</b>	28 30.11	17 8.54	45
<b>Total</b>	93 31.85	199 68.15	292 100.00
<b>Frequency Missing = 171</b>			

With  $\chi^2$  (4, N = 292) = 33.1221,  $p < 0.0001$ , the hypothesis of independence between risk category (normative or high-risk control) and diagnosis of the status grouping of the top 3 was rejected for these data.

The frequency distribution of the *Status Grouping unlimited* between the high-risk control and normative samples was:

<b>Table of C4ESTATU by group</b>			
<b>C4ESTATU (Status Grouping (unlimited))</b>	<b>Group</b>		<b>Total</b>
<b>Frequency Column Percent</b>	<b>Control</b>	<b>Normative</b>	
<b>AVERAGE</b>	38 40.86	93 46.73	131
<b>CONTROVERSIAL</b>	7 7.53	13 6.53	20
<b>NEGLECTED</b>	11 11.83	36 18.09	47
<b>POPULAR</b>	2 2.15	40 20.10	42
<b>REJECTED</b>	35 37.63	17 8.54	52
<b>Total</b>	93 31.85	199 68.15	292 100.00
<b>Frequency Missing = 171</b>			

With  $\chi^2$  (4, N = 292) = 46.4418,  $p < 0.0001$ , the hypothesis of independence between risk category

(normative or high-risk control) and diagnosis of the status grouping unlimited was rejected for these data.

The frequency distribution of the *Status Grouping of the Top 3 by sex* between the high-risk control and normative samples was:

<b>Table of C4EGSTA3 by group</b>			
<b>C4EGSTA3 (status groupings (top 3) by sex)</b>	<b>Group</b>		<b>Total</b>
<b>Frequency Column Percent</b>	<b>Control</b>	<b>Normative</b>	
<b>AVERAGE</b>	43 46.24	91 45.73	134
<b>CONTROVERSIAL</b>	9 9.68	9 4.52	18
<b>NEGLECTED</b>	13 13.98	37 18.59	50
<b>POPULAR</b>	1 1.08	35 17.59	36
<b>REJECTED</b>	27 29.03	27 13.57	54
<b>Total</b>	93 31.85	199 68.15	292 100.00
<b>Frequency Missing = 171</b>			

With  $\chi^2 (4, N = 292) = 25.7373$ ,  $p < 0.0001$ , the hypothesis of independence between risk category (normative or high-risk control) and diagnosis of the status grouping of the top 3 by sex was rejected for these data.

The frequency distribution of the *Status Grouping unlimited by sex* between the high-risk control and normative samples was:

<b>Table of C4EGSTAT by group</b>			
<b>C4EGSTAT (status groupings (unlimited) by sex)</b>	<b>Group</b>		<b>Total</b>
<b>Frequency Column Percent</b>	<b>Control</b>	<b>Normative</b>	
<b>AVERAGE</b>	43 46.24	91 45.73	134
<b>CONTROVERSIAL</b>	6 6.45	19 9.55	25
<b>NEGLECTED</b>	9 9.68	37 18.59	46
<b>POPULAR</b>	3 3.23	35 17.59	38
<b>REJECTED</b>	32 34.41	17 8.54	49
<b>Total</b>	93 31.85	199 68.15	292 100.00
<b>Frequency Missing = 171</b>			

With  $\chi^2(4, N = 292) = 39.2265, p < 0.0001$ , the hypothesis of independence between risk category (normative or high-risk control) and diagnosis of the status grouping unlimited by sex was rejected for these data.

## V. Recommendations for Use

Analysts should note that 14 of the z-scores were normally distributed for both the normative and the control samples. Four z-scores were positively skewed for both samples: C4EZWDRS (withdrawn behavior sum z-score), C4EZPROS (prosocial sum z-score), C4EZVICS (victim behavior sum z-score), and C4EGWDRS (withdrawn behavior z-score by sex). Eight z-scores were positively skewed for the normative sample but were normally distributed for the control sample: C4EZLLS3 (like least sum z-score top 3), C4EZLLSU (like least sum z-score unlimited), C4EZAGGS (aggressive sum z-score), C4EZHYPS (hyperactive sum z-score), C4EGLLS3 (like least z-score top 3 by sex), C4EGAGGS (aggressive z-score by sex), C4EGHYPS (hyperactive z-score by sex), and C4EGVICS (victim behavior z-score by sex).

One z-score, *Withdrawn Behavior sum z-score*, showed positive kurtosis for both the normative and the control sample. 70% of the normative sample and 75% of the control sample had scores between  $-1.38$  and  $0.0$  and between  $-1.39$  and  $0.0$  respectively. The *Hyperactive sum z-score* showed positive kurtosis for the normative sample, with 68% scoring between  $-1.08$  and  $0.0$ . The *Victim Behavior sum z-score* had a positive kurtosis for the normative sample as well, with 66% scoring between  $-1.66$  and  $0.0$ . In addition, the *Withdrawn Behavior z-score by sex* had a positive kurtosis for the control sample, with 74% scoring between  $-1.15$  and  $0.0$ .

The three mean roster rating scores, the mean roster rating given by respondent (C4ERRGIV), the mean roster rating received by the respondent (C4ERRREC), and the standard deviation of the mean roster rating received by the respondent (C4ERRSTD), were normally distributed for both the normative and the control samples.

Finally, the *School Satisfaction* scale was normally distributed for both the control and the normative samples.



## VI. Item Means and SDs

### Sociometrics Self-Report Items Normative Sample Year 4

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C4ESR1	Self-Report 1: School fun?	190	3.0631579	0.8945517	1.0000000	4.0000000
C4ESR2	Self-Report 2: Nice things happen?	190	2.7368421	0.8570964	1.0000000	4.0000000
C4ESR3r	Self-Report 3: Feel unhappy?	190	3.3157895	0.8263281	1.0000000	4.0000000
C4ESR4	Self-Report 4: Like your school?	190	3.3526316	0.8949408	1.0000000	4.0000000
C4ESR5	Self-Report 5: Kids to play with?	190	3.4894737	0.8212745	1.0000000	4.0000000
C4ESR6r	Self-Report 6: Lonely at school?	190	3.5421053	0.7669191	1.0000000	4.0000000
C4ESR7r	Self-Report 7: Hard to make friends?	190	3.2000000	0.9660918	1.0000000	4.0000000
C4ESR8	Self-Report 8: Kids like you?	190	3.1947368	0.8782942	1.0000000	4.0000000
C4ESR9r	Self-Report 9: Kids in class put others down?	190	2.6052632	0.9796737	1.0000000	4.0000000
C4ESR10	Self-Report 10: Class is fun place to be?	190	3.2421053	0.9168129	1.0000000	4.0000000
C4ESR11	Self-Report 11: Kids in class help each other learn?	190	2.8894737	0.9502964	1.0000000	4.0000000
C4ESR12r	Self-Report 12: Kids in class mean to each other?	190	2.9894737	0.8482130	1.0000000	4.0000000

### Sociometrics Z-Score/Mean Roster Rating Items Normative Sample Year 4

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C4EZLMS3	Like Most sum z-score (top 3	243	0.0195995	0.9113670	-1.5095603	3.0248835
C4EZLMSU	Like Most sum z-score (unlimited)	243	0.0545197	0.9287037	-1.8737587	2.7638242
C4EZLLS3	Like Least sum z-score (top 3)	243	-0.0031735	0.9667007	-1.1618115	3.5492979
C4EZLLSU	Like Least sum z-score (unlimited)	243	-0.0230923	0.9687041	-1.6971454	3.4448756
C4EZAGGS	Aggressive sum z-score	243	0.0560206	1.0205025	-1.0188547	3.8422803
C4EZWDRS	Withdrawn Behavior sum z-score	243	-0.0468872	0.9317259	-1.1837105	3.9032191
C4EZPROS	Prosocial sum z-score	243	0.0448805	0.9375870	-1.3627859	3.5166695
C4EZHYPY	Hyperactive sum z-score	243	0.0865681	1.0965917	-1.0806038	4.5174517
C4EZVICS	Victim Behavior sum z-score	243	-0.0544360	0.9277342	-1.6601511	4.5485416
C4EZPRF3	Social Preference diff z-score (top 3)	243	0.0140068	0.9580511	-2.7327180	2.1116898
C4EZSIM3	Social Impact diff z-score (top 3)	243	0.0084100	0.9697790	-1.9688073	2.7051274
C4EZPRFU	Social Preference diff z-score (unlimited)	243	0.0464568	0.9531350	-2.5723986	2.2080292
C4EZSIMU	Social Impact diff z-score (unlimited)	243	0.0237002	1.0288920	-3.1475119	3.0167527
C4EGLLSU	Like Least z-score by sex (unlimited)	243	-0.0305151	0.9544728	-1.5634719	2.7479356
C4EGLLS3	Like Least z-score by sex (top 3)	243	-0.0194549	0.9285520	-1.2337942	2.7782299
C4EGLMSU	Like Most z-score by sex (unlimited)	243	0.0630373	0.9226290	-2.0264093	2.4041147
C4EGLMS3	Like Most z-score by sex (top 3)	243	0.0121981	0.9121272	-1.7636891	2.5973730
C4EGAGGS	Aggressive z-score by sex	243	0.0637727	1.0170948	-1.2197357	2.9393877
C4EGHYPY	Hyperactivity z-score by sex	243	0.0598026	0.9773775	-1.1250000	3.0930869
C4EGPROS	Prosocial z-score by sex	243	0.0379669	0.9053620	-1.3842360	2.6057971
C4EGVICS	Victim Behavior z-score by sex	243	0.0055641	0.9797231	-1.4322079	3.3323796
C4EGWDRS	Withdrawn Behavior z-score by sex	243	-0.0137923	0.9456590	-1.2778303	3.2559118
C4EGPRFU	Social Preference z-score by sex (unlimited)	243	0.0577146	0.9744498	-2.5487105	2.3479755
C4EGSIMU	Social Impact z-score by sex (unlimited)	243	0.0258008	1.0147686	-3.0060699	2.8919279
C4EGPRF3	Social Preference z-score by sex (top 3)	243	0.0206161	0.9775064	-2.2725596	2.0726685
C4EGSIM3	Social Impact z-score by sex (top3)	243	-0.0115583	0.9413020	-2.0678148	2.8902618
C4ERRGIV	Mean Roster Rtg Given by respondent	216	2.3319165	0.6484708	1.1111111	4.7826087
C4ERRREC	Mean Roster Rtg Received by respondent	243	2.3369788	0.6174765	1.0000000	4.3750000
C4ERRSTD	Std Dev of mean Roster Rtg Received	243	1.1754611	0.3120635	0	1.7728105

### Sociometrics Z-Score/Mean Roster Rating Items Control Sample Year 4

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C4EZLMS3	Like Most sum z-score (top 3)	93	-0.4503129	0.6345263	-1.4337209	1.6427266
C4EZLMSU	Like Most sum z-score (unlimited)	93	-0.5207905	0.7244460	-1.8737587	1.6858329
C4EZLLS3	Like Least sum z-score (top 3)	93	0.7056858	1.1702357	-0.9944375	3.6583424
C4EZLLSU	Like Least sum z-score (unlimited)	93	0.7445112	1.0828589	-1.0836335	3.4448756
C4EZAGGS	Aggressive sum z-score	93	0.7721868	1.1603092	-0.9038415	3.8422803
C4EZWDRS	Withdrawn Behavior sum z-score	93	-0.2818128	0.6330570	-1.1837105	2.3970175
C4EZPROS	Prosocial sum z-score	93	-0.5487017	0.5754360	-1.3836237	1.8074970
C4EZHYPS	Hyperactive sum z-score	93	0.8736848	1.2638385	-0.9240960	4.2637882
C4EZVICS	Victim Behavior sum z-score	93	0.2931969	1.1549444	-1.0925936	4.1923678
C4EZPRF3	Social Preference diff z-score (top 3)	93	-0.7314179	0.9191943	-3.0137359	1.6135849
C4EZSIM3	Social Impact diff z-score (top 3)	93	0.2151640	1.0415887	-1.6831049	2.4350688
C4EZPRFU	Social Preference diff z-score (unlimited)	93	-0.7570657	0.9136044	-3.0819459	1.4645523
C4EZSIMU	Social Impact diff z-score (unlimited)	93	0.2128997	1.0251468	-1.8157007	2.8664258
C4EGLLSU	Like Least z-score by sex (unlimited)	93	0.5768921	0.9815900	-1.0444659	2.5155022
C4EGLLS3	Like Least z-score by sex (top 3)	93	0.5350578	1.0017636	-0.9468642	2.7100026
C4EGLMSU	Like Most z-score by sex (unlimited)	93	-0.4067364	0.7390873	-2.0264093	1.6266514
C4EGLMS3	Like Most z-score by sex (top 3)	93	-0.3946210	0.6933641	-1.7636891	1.9051587
C4EGAGGS	Aggressive z-score by sex	93	0.5873151	1.0812915	-1.0460499	2.9393877
C4EGHYPS	Hyperactivity z-score by sex	93	0.5997735	1.0159088	-0.9309916	2.9244883
C4EGPROS	Prosocial z-score by sex	93	-0.4109039	0.6585376	-1.5474359	1.7687551
C4EGVICS	Victim Behavior z-score by sex	93	0.3106728	1.1019583	-1.2414088	3.3323796
C4EGWDRS	Withdrawn Behavior z-score by sex	93	-0.1616152	0.8054476	-1.1531327	3.0151134
C4EGPRFU	Social Preference z-score by sex (unlimited)	93	-0.6074718	0.8896032	-2.4545220	1.2338662
C4EGSIMU	Social Impact z-score by sex (unlimited)	93	0.1556429	0.9667429	-1.8565191	2.3541546
C4EGPRF3	Social Preference z-score by sex (top 3)	93	-0.6059316	0.8592604	-2.2725596	1.4422544
C4EGSIM3	Social Impact z-score by sex (top3)	93	0.1158170	0.9782885	-1.7901337	2.4865182
C4ERRGIV	Mean Roster Rtg Given by respondent	82	2.1911067	0.6203573	1.0000000	3.7000000
C4ERRREC	Mean Roster Rtg Received by respondent	93	2.7754388	0.6070654	1.4736842	4.4285714
C4ERRSTD	Std Dev of mean Roster Rtg Received	93	1.2698175	0.3050388	0.5936168	1.8397324

### Sociometrics Self-Report Items Control Sample Year 4

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C4ESR1	Self-Report 1: School fun?	68	2.9264706	1.0121084	1.0000000	4.0000000
C4ESR2	Self-Report 2: Nice things happen?	68	2.6323529	0.9126705	1.0000000	4.0000000
C4ESR3r	Self-Report 3: Feel unhappy?	68	3.1911765	0.8853257	1.0000000	4.0000000
C4ESR4	Self-Report 4: Like your school?	68	3.2794118	0.9749947	1.0000000	4.0000000
C4ESR5	Self-Report 5: Kids to play with?	68	3.3970588	0.8488747	1.0000000	4.0000000
C4ESR6r	Self-Report 6: Lonely at school?	68	3.3088235	0.8509407	1.0000000	4.0000000
C4ESR7r	Self-Report 7: Hard to make friends?	68	3.0882353	0.9261587	1.0000000	4.0000000
C4ESR8	Self-Report 8: Kids like you?	68	2.9852941	0.8374205	1.0000000	4.0000000
C4ESR9r	Self-Report 9: Kids in class put others down?	68	2.5294118	1.0289915	1.0000000	4.0000000
C4ESR10	Self-Report 10: Class is fun place to be?	68	3.0882353	1.0471752	1.0000000	4.0000000
C4ESR11	Self-Report 11: Kids in class help each other learn?	68	2.8676471	0.9604789	1.0000000	4.0000000
C4ESR12r	Self-Report 12: Kids in class mean to each other?	68	2.8088235	0.9184242	1.0000000	4.0000000

### Sociometrics Scale Year 4

Analysis Variable : SCM4SCS Total School Scale - Sociometrics					
	N	Mean	Std Dev	Minimum	Maximum
<b>Normative</b>	190	37.6210526	5.5638268	19.0000000	48.0000000
<b>Control</b>	68	36.1029412	5.4448105	19.0000000	46.0000000

## VII. Item Correlations

### Sociometrics Self-Report Items Report Sample Year 4

Pearson Correlation Coefficients, N = 225 Prob >  r  under H0: Rho=0							
	C4ESR1	C4ESR2	C4ESR3r	C4ESR4	C4ESR5	C4ESR6r	C4ESR7r
C4ESR1 Self-Report 1: School fun?	1.00000	0.18651 0.0050	0.16490 0.0133	0.48533 <.0001	0.21003 0.0015	0.17888 0.0071	0.03257 0.6270
C4ESR2 Self-Report 2: Nice things happen?	0.18651 0.0050	1.00000	0.12490 0.0614	0.16509 0.0132	0.15231 0.0223	0.02822 0.6737	0.08659 0.1957
C4ESR3r Self-Report 3: Feel unhappy?	0.16490 0.0133	0.12490 0.0614	1.00000	0.19230 0.0038	0.18639 0.0050	0.39788 <.0001	0.20794 0.0017
C4ESR4 Self-Report 4: Like your school?	0.48533 <.0001	0.16509 0.0132	0.19230 0.0038	1.00000	0.14889 0.0255	0.11505 0.0851	0.05141 0.4429
C4ESR5 Self-Report 5: Kids to play with?	0.21003 0.0015	0.15231 0.0223	0.18639 0.0050	0.14889 0.0255	1.00000	0.14685 0.0276	0.16941 0.0109
C4ESR6r Self-Report 6: Lonely at school?	0.17888 0.0071	0.02822 0.6737	0.39788 <.0001	0.11505 0.0851	0.14685 0.0276	1.00000	0.20871 0.0016
C4ESR7r Self-Report 7: Hard to make friends?	0.03257 0.6270	0.08659 0.1957	0.20794 0.0017	0.05141 0.4429	0.16941 0.0109	0.20871 0.0016	1.00000
C4ESR8 Self-Report 8: Kids like you?	0.29896 <.0001	0.28316 <.0001	0.26190 <.0001	0.29449 <.0001	0.36808 <.0001	0.33878 <.0001	0.10820 0.1055
C4ESR9r Self-Report 9: Kids in class put others down?	0.13274 0.0467	0.05930 0.3760	0.24983 0.0002	0.19199 0.0038	0.05458 0.4152	0.18213 0.0061	0.14142 0.0340
C4ESR10 Self-Report 10: Class is fun place to be?	0.46072 <.0001	0.29890 <.0001	0.20648 0.0018	0.45339 <.0001	0.33321 <.0001	0.06665 0.3196	0.09721 0.1461
C4ESR11 Self-Report 11: Kids in class help each other learn?	0.28927 <.0001	0.27749 <.0001	0.11498 0.0853	0.21301 0.0013	0.15637 0.0189	-0.04120 0.5386	-0.02927 0.6624
C4ESR12r Self-Report 12: Kids in class mean to each other?	0.19628 0.0031	0.17485 0.0086	0.31074 <.0001	0.21390 0.0012	0.18542 0.0053	0.16143 0.0154	0.03376 0.6145

Pearson Correlation Coefficients, N = 225 Prob >  r  under H0: Rho=0					
	C4ESR8	C4ESR9r	C4ESR10	C4ESR11	C4ESR12r
C4ESR1 Self-Report 1: School fun?	0.29896 <.0001	0.13274 0.0467	0.46072 <.0001	0.28927 <.0001	0.19628 0.0031
C4ESR2 Self-Report 2: Nice things happen?	0.28316 <.0001	0.05930 0.3760	0.29890 <.0001	0.27749 <.0001	0.17485 0.0086
C4ESR3r Self-Report 3: Feel unhappy?	0.26190 <.0001	0.24983 0.0002	0.20648 0.0018	0.11498 0.0853	0.31074 <.0001
C4ESR4 Self-Report 4: Like your school?	0.29449 <.0001	0.19199 0.0038	0.45339 <.0001	0.21301 0.0013	0.21390 0.0012
C4ESR5 Self-Report 5: Kids to play with?	0.36808 <.0001	0.05458 0.4152	0.33321 <.0001	0.15637 0.0189	0.18542 0.0053
C4ESR6r Self-Report 6: Lonely at school?	0.33878 <.0001	0.18213 0.0061	0.06665 0.3196	-0.04120 0.5386	0.16143 0.0154
C4ESR7r Self-Report 7: Hard to make friends?	0.10820 0.1055	0.14142 0.0340	0.09721 0.1461	-0.02927 0.6624	0.03376 0.6145
C4ESR8 Self-Report 8: Kids like you?	1.00000	0.22197 0.0008	0.30567 <.0001	0.30371 <.0001	0.16895 0.0111

Pearson Correlation Coefficients, N = 225 Prob >  r  under H0: Rho=0					
	C4ESR8	C4ESR9r	C4ESR10	C4ESR11	C4ESR12r
C4ESR9r Self-Report 9: Kids in class put others down?	0.22197 0.0008	1.00000	0.13612 0.0414	0.04192 0.5316	0.34262 <.0001
C4ESR10 Self-Report 10: Class is fun place to be?	0.30567 <.0001	0.13612 0.0414	1.00000	0.24443 0.0002	0.26700 <.0001
C4ESR11 Self-Report 11: Kids in class help each other learn?	0.30371 <.0001	0.04192 0.5316	0.24443 0.0002	1.00000	0.18560 0.0052
C4ESR12r Self-Report 12: Kids in class mean to each other?	0.16895 0.0111	0.34262 <.0001	0.26700 <.0001	0.18560 0.0052	1.00000

Sociometrics Z-Score/Mean Roster Rating Items Report Sample Year 4

Pearson Correlation Coefficients, N = 257 Prob >  r  under H0: Rho=0							
	C4EZLMS3	C4EZLMSU	C4EZLLS3	C4EZLLSU	C4EZAGGS	C4EZWDRS	C4EZPROS
<b>C4EZLMS3</b> Like Most sum z-score (top 3)	1.00000	0.77400 <.0001	-0.30333 <.0001	-0.34840 <.0001	-0.18553 0.0028	0.01487 0.8125	0.55955 <.0001
<b>C4EZLMSU</b> Like Most sum z-score (unlimited)	0.77400 <.0001	1.00000	-0.38578 <.0001	-0.44270 <.0001	-0.20731 0.0008	0.05369 0.3914	0.58611 <.0001
<b>C4EZLLS3</b> Like Least sum z-score (top 3)	-0.30333 <.0001	-0.38578 <.0001	1.00000	0.93977 <.0001	0.63153 <.0001	-0.20255 0.0011	-0.35752 <.0001
<b>C4EZLLSU</b> Like Least sum z-score (unlimited)	-0.34840 <.0001	-0.44270 <.0001	0.93977 <.0001	1.00000	0.64489 <.0001	-0.22085 0.0004	-0.41978 <.0001
<b>C4EZAGGS</b> Aggressive sum z-score	-0.18553 0.0028	-0.20731 0.0008	0.63153 <.0001	0.64489 <.0001	1.00000	-0.24713 <.0001	-0.39433 <.0001
<b>C4EZWDRS</b> Withdrawn Behavior sum z-score	0.01487 0.8125	0.05369 0.3914	-0.20255 0.0011	-0.22085 0.0004	-0.24713 <.0001	1.00000	0.27981 <.0001
<b>C4EZPROS</b> Prosocial sum z-score	0.55955 <.0001	0.58611 <.0001	-0.35752 <.0001	-0.41978 <.0001	-0.39433 <.0001	0.27981 <.0001	1.00000
<b>C4EZHYPS</b> Hyperactive sum z-score	-0.22932 0.0002	-0.28988 <.0001	0.65669 <.0001	0.65087 <.0001	0.74605 <.0001	-0.19002 0.0022	-0.41613 <.0001
<b>C4EZVICS</b> Victim Behavior sum z-score	-0.21343 0.0006	-0.24472 <.0001	0.36302 <.0001	0.38566 <.0001	0.16505 0.0080	0.13967 0.0251	-0.19231 0.0020
<b>C4EZPRF3</b> Social Preference diff z-score (top 3)	0.77227 <.0001	0.69873 <.0001	-0.83936 <.0001	-0.82465 <.0001	-0.52616 <.0001	0.14395 0.0210	0.55672 <.0001
<b>C4EZSIM3</b> Social Impact diff z-score (top 3)	0.50557 <.0001	0.25291 <.0001	0.66809 <.0001	0.57754 <.0001	0.42657 <.0001	-0.16960 0.0064	0.11255 0.0717
<b>C4EZPRFU</b> Social Preference diff z-score (unlimited)	0.64397 <.0001	0.82709 <.0001	-0.80134 <.0001	-0.86970 <.0001	-0.51748 <.0001	0.16973 0.0064	0.58458 <.0001
<b>C4EZSIMU</b> Social Impact diff z-score (unlimited)	0.33172 <.0001	0.44139 <.0001	0.59730 <.0001	0.60714 <.0001	0.46219 <.0001	-0.17419 0.0051	0.09476 0.1297
<b>C4EGLLSU</b> Like Least z-score by sex (unlimited)	-0.34932 <.0001	-0.41148 <.0001	0.86963 <.0001	0.91921 <.0001	0.52671 <.0001	-0.15253 0.0144	-0.38511 <.0001
<b>C4EGLLS3</b> Like Least z-score by sex (top 3)	-0.30895 <.0001	-0.35704 <.0001	0.92963 <.0001	0.86738 <.0001	0.52419 <.0001	-0.14300 0.0218	-0.32698 <.0001
<b>C4EGLMSU</b> Like Most z-score by sex (unlimited)	0.76501 <.0001	0.92524 <.0001	-0.32576 <.0001	-0.35727 <.0001	-0.11872 0.0574	-0.00872 0.8894	0.53431 <.0001

Pearson Correlation Coefficients, N = 257 Prob >  r  under H0: Rho=0							
	C4EZLMS3	C4EZLMSU	C4EZLLS3	C4EZLLSU	C4EZAGGS	C4EZWDRS	C4EZPROS
<b>C4EGLMS3</b> Like Most z-score by sex (top 3)	0.95716 <.0001	0.73219 <.0001	-0.27265 <.0001	-0.29831 <.0001	-0.12489 0.0455	-0.01523 0.8080	0.51300 <.0001
<b>C4EGAGGS</b> Aggressive z-score by sex	-0.18547 0.0028	-0.17007 0.0063	0.60454 <.0001	0.59612 <.0001	0.80374 <.0001	-0.18511 0.0029	-0.25872 <.0001
<b>C4EGHYPS</b> Hyperactivity z- score by sex	-0.25307 <.0001	-0.31170 <.0001	0.66000 <.0001	0.65871 <.0001	0.62114 <.0001	-0.12989 0.0374	-0.34225 <.0001
<b>C4EGPROS</b> Prosocial z-score by sex	0.55611 <.0001	0.55557 <.0001	-0.31222 <.0001	-0.36161 <.0001	-0.25990 <.0001	0.14924 0.0167	0.85989 <.0001
<b>C4EGVICS</b> Victim Behavior z- score by sex	-0.20642 0.0009	-0.21309 0.0006	0.34427 <.0001	0.35643 <.0001	0.16402 0.0084	0.14200 0.0228	-0.16013 0.0101
<b>C4EGWDRS</b> Withdrawn Behavior z-score by sex	-0.05448 0.3844	-0.03087 0.6223	-0.11611 0.0631	-0.11899 0.0568	-0.10515 0.0926	0.85354 <.0001	0.10918 0.0806
<b>C4EGPRFU</b> Social Preference z- score by sex (unlimited)	0.65789 <.0001	0.78768 <.0001	-0.72459 <.0001	-0.77214 <.0001	-0.39260 <.0001	0.09115 0.1451	0.54459 <.0001
<b>C4EGSIMU</b> Social Impact z- score by sex (unlimited)	0.34929 <.0001	0.43822 <.0001	0.52514 <.0001	0.54353 <.0001	0.38621 <.0001	-0.15079 0.0155	0.11175 0.0737
<b>C4EGPRF3</b> Social Preference z- score by sex (top 3)	0.77241 <.0001	0.66807 <.0001	-0.75646 <.0001	-0.73169 <.0001	-0.40898 <.0001	0.08308 0.1843	0.51622 <.0001
<b>C4EGSIM3</b> Social Impact z- score by sex (top3)	0.52161 <.0001	0.29188 <.0001	0.58096 <.0001	0.50481 <.0001	0.35079 <.0001	-0.13424 0.0315	0.13878 0.0261
<b>C4ERRGIV</b> Mean Roster Rtg Given by respondent	0.00229 0.9709	0.02683 0.6685	-0.00550 0.9301	-0.00985 0.8751	-0.10538 0.0918	0.09258 0.1388	0.02486 0.6917
<b>C4ERRREC</b> Mean Roster Rtg Received by respondent	-0.45178 <.0001	-0.50886 <.0001	0.61884 <.0001	0.64894 <.0001	0.44034 <.0001	-0.21465 0.0005	-0.42337 <.0001
<b>C4ERRSTD</b> Std Dev of mean Roster Rtg Received	-0.13296 0.0331	-0.08795 0.1598	0.27096 <.0001	0.27470 <.0001	0.24599 <.0001	-0.28807 <.0001	-0.18156 0.0035

Pearson Correlation Coefficients, N = 257 Prob >  r  under H0: Rho=0								
	C4EZHYP3	C4EZVICS	C4EZPRF3	C4EZSIM3	C4EZPRFU	C4EZSIMU	C4EGLLSU	C4EGLLS3
<b>C4EZLMS3</b> Like Most sum z- score (top 3)	-0.22932 0.0002	-0.21343 0.0006	0.77227 <.0001	0.50557 <.0001	0.64397 <.0001	0.33172 <.0001	-0.34932 <.0001	-0.30895 <.0001

Pearson Correlation Coefficients, N = 257 Prob >  r  under H0: Rho=0								
	C4EZHYPS	C4EZVICS	C4EZPRF3	C4EZSIM3	C4EZPRFU	C4EZSIMU	C4EGLLSU	C4EGLLS3
<b>C4EZLMSU</b> Like Most sum z-score (unlimited)	-0.28988 <.0001	-0.24472 <.0001	0.69873 <.0001	0.25291 <.0001	0.82709 <.0001	0.44139 <.0001	-0.41148 <.0001	-0.35704 <.0001
<b>C4EZLLS3</b> Like Least sum z-score (top 3)	0.65669 <.0001	0.36302 <.0001	-0.83936 <.0001	0.66809 <.0001	-0.80134 <.0001	0.59730 <.0001	0.86963 <.0001	0.92963 <.0001
<b>C4EZLLSU</b> Like Least sum z-score (unlimited)	0.65087 <.0001	0.38566 <.0001	-0.82465 <.0001	0.57754 <.0001	-0.86970 <.0001	0.60714 <.0001	0.91921 <.0001	0.86738 <.0001
<b>C4EZAGGS</b> Aggressive sum z-score	0.74605 <.0001	0.16505 0.0080	-0.52616 <.0001	0.42657 <.0001	-0.51748 <.0001	0.46219 <.0001	0.52671 <.0001	0.52419 <.0001
<b>C4EZWDRS</b> Withdrawn Behavior sum z-score	-0.19002 0.0022	0.13967 0.0251	0.14395 0.0210	-0.16960 0.0064	0.16973 0.0064	-0.17419 0.0051	-0.15253 0.0144	-0.14300 0.0218
<b>C4EZPROS</b> Prosocial sum z-score	-0.41613 <.0001	-0.19231 0.0020	0.55672 <.0001	0.11255 0.0717	0.58458 <.0001	0.09476 0.1297	-0.38511 <.0001	-0.32698 <.0001
<b>C4EZHYPS</b> Hyperactive sum z-score	1.00000	0.23706 0.0001	-0.56947 <.0001	0.41536 <.0001	-0.56849 <.0001	0.39587 <.0001	0.53971 <.0001	0.54747 <.0001
<b>C4EZVICS</b> Victim Behavior sum z-score	0.23706 0.0001	1.00000	-0.36341 <.0001	0.16420 0.0084	-0.37687 <.0001	0.17240 0.0056	0.39273 <.0001	0.34710 <.0001
<b>C4EZPRF3</b> Social Preference diff z-score (top 3)	-0.56947 <.0001	-0.36341 <.0001	1.00000	-0.15687 0.0118	0.90159 <.0001	-0.20811 0.0008	-0.77880 <.0001	-0.79575 <.0001
<b>C4EZSIM3</b> Social Impact diff z-score (top 3)	0.41536 <.0001	0.16420 0.0084	-0.15687 0.0118	1.00000	-0.22287 0.0003	0.79834 <.0001	0.51262 <.0001	0.59921 <.0001
<b>C4EZPRFU</b> Social Preference diff z-score (unlimited)	-0.56849 <.0001	-0.37687 <.0001	0.90159 <.0001	-0.22287 0.0003	1.00000	-0.13739 0.0276	-0.80174 <.0001	-0.73983 <.0001
<b>C4EZSIMU</b> Social Impact diff z-score (unlimited)	0.39587 <.0001	0.17240 0.0056	-0.20811 0.0008	0.79834 <.0001	-0.13739 0.0276	1.00000	0.55206 <.0001	0.54841 <.0001
<b>C4EGLLSU</b> Like Least z-score by sex (unlimited)	0.53971 <.0001	0.39273 <.0001	-0.77880 <.0001	0.51262 <.0001	-0.80174 <.0001	0.55206 <.0001	1.00000	0.93171 <.0001
<b>C4EGLLS3</b> Like Least z-score by sex (top 3)	0.54747 <.0001	0.34710 <.0001	-0.79575 <.0001	0.59921 <.0001	-0.73983 <.0001	0.54841 <.0001	0.93171 <.0001	1.00000
<b>C4EGLMSU</b> Like Most z-score by sex (unlimited)	-0.18620 0.0027	-0.22795 0.0002	0.65350 <.0001	0.29989 <.0001	0.73178 <.0001	0.45947 <.0001	-0.40476 <.0001	-0.35531 <.0001
<b>C4EGLMS3</b> Like Most z-score by sex (top 3)	-0.16562 0.0078	-0.19826 0.0014	0.72761 <.0001	0.49985 <.0001	0.58963 <.0001	0.34431 <.0001	-0.33185 <.0001	-0.30364 <.0001
<b>C4EGAGGS</b> Aggressive z-score by sex	0.57251 <.0001	0.15351 0.0138	-0.50872 <.0001	0.39901 <.0001	-0.46692 <.0001	0.44231 <.0001	0.60702 <.0001	0.62271 <.0001

Pearson Correlation Coefficients, N = 257 Prob >  r  under H0: Rho=0								
	C4EZHYPS	C4EZVICS	C4EZPRF3	C4EZSIM3	C4EZPRFU	C4EZSIMU	C4EGLLSU	C4EGLLS3
<b>C4EGHYPS</b> Hyperactivity z-score by sex	0.85576 <.0001	0.27969 <.0001	-0.58501 <.0001	0.39904 <.0001	-0.58497 <.0001	0.38360 <.0001	0.65016 <.0001	0.64643 <.0001
<b>C4EGPROS</b> Prosocial z-score by sex	-0.30924 <.0001	-0.21553 0.0005	0.52452 <.0001	0.15005 0.0161	0.53099 <.0001	0.12490 0.0455	-0.41750 <.0001	-0.35410 <.0001
<b>C4EGVICS</b> Victim Behavior z-score by sex	0.22561 0.0003	0.90151 <.0001	-0.34825 <.0001	0.15077 0.0156	-0.34179 <.0001	0.16679 0.0074	0.36071 <.0001	0.33687 <.0001
<b>C4EGWDRS</b> Withdrawn Behavior z-score by sex	-0.07878 0.2081	0.17798 0.0042	0.04773 0.4461	-0.14522 0.0199	0.06001 0.3380	-0.14555 0.0196	-0.12841 0.0397	-0.12632 0.0430
<b>C4EGPRFU</b> Social Preference z-score by sex (unlimited)	-0.44123 <.0001	-0.37414 <.0001	0.85860 <.0001	-0.14236 0.0224	0.91675 <.0001	-0.07424 0.2356	-0.84866 <.0001	-0.77874 <.0001
<b>C4EGSIMU</b> Social Impact z-score by sex (unlimited)	0.33933 <.0001	0.16996 0.0063	-0.15053 0.0157	0.74599 <.0001	-0.09983 0.1103	0.93118 <.0001	0.57844 <.0001	0.55863 <.0001
<b>C4EGPRF3</b> Social Preference z-score by sex (top 3)	-0.44993 <.0001	-0.34003 <.0001	0.94501 <.0001	-0.08129 0.1939	0.82627 <.0001	-0.14154 0.0232	-0.79250 <.0001	-0.81904 <.0001
<b>C4EGSIM3</b> Social Impact z-score by sex (top3)	0.33789 <.0001	0.13958 0.0252	-0.08961 0.1520	0.93295 <.0001	-0.15558 0.0125	0.75795 <.0001	0.53371 <.0001	0.61742 <.0001
<b>C4ERRGIV</b> Mean Roster Rtg Given by respondent	-0.02025 0.7466	0.02221 0.7231	0.00599 0.9239	-0.00002 0.9997	0.02253 0.7192	0.01777 0.7768	-0.01767 0.7780	-0.02935 0.6395
<b>C4ERRREC</b> Mean Roster Rtg Received by respondent	0.50800 <.0001	0.28707 <.0001	-0.66993 <.0001	0.20779 0.0008	-0.68695 <.0001	0.19927 0.0013	0.58063 <.0001	0.54845 <.0001
<b>C4ERRSTD</b> Std Dev of mean Roster Rtg Received	0.23389 0.0002	0.03650 0.5603	-0.25788 <.0001	0.14087 0.0239	-0.22343 0.0003	0.19845 0.0014	0.27212 <.0001	0.26685 <.0001

Pearson Correlation Coefficients, N = 257 Prob >  r  under H0: Rho=0							
	C4EGLMSU	C4EGLMS3	C4EGAGGS	C4EGHYPS	C4EGPROS	C4EGVICS	C4EGWDRS
<b>C4EZLMS3</b> Like Most sum z-score (top 3)	0.76501 <.0001	0.95716 <.0001	-0.18547 0.0028	-0.25307 <.0001	0.55611 <.0001	-0.20642 0.0009	-0.05448 0.3844
<b>C4EZLMSU</b> Like Most sum z-score (unlimited)	0.92524 <.0001	0.73219 <.0001	-0.17007 0.0063	-0.31170 <.0001	0.55557 <.0001	-0.21309 0.0006	-0.03087 0.6223
<b>C4EZLLS3</b> Like Least sum z-score (top 3)	-0.32576 <.0001	-0.27265 <.0001	0.60454 <.0001	0.66000 <.0001	-0.31222 <.0001	0.34427 <.0001	-0.11611 0.0631



Pearson Correlation Coefficients, N = 257 Prob >  r  under H0: Rho=0							
	C4EGLMSU	C4EGLMS3	C4EGAGGS	C4EGHYP3	C4EGPROS	C4EGVICS	C4EGWDRS
<b>C4EZLLSU</b> Like Least sum z-score (unlimited)	-0.35727 <.0001	-0.29831 <.0001	0.59612 <.0001	0.65871 <.0001	-0.36161 <.0001	0.35643 <.0001	-0.11899 0.0568
<b>C4EZAGGS</b> Aggressive sum z-score	-0.11872 0.0574	-0.12489 0.0455	0.80374 <.0001	0.62114 <.0001	-0.25990 <.0001	0.16402 0.0084	-0.10515 0.0926
<b>C4EZWDRS</b> Withdrawn Behavior sum z-score	-0.00872 0.8894	-0.01523 0.8080	-0.18511 0.0029	-0.12989 0.0374	0.14924 0.0167	0.14200 0.0228	0.85354 <.0001
<b>C4EZPROS</b> Prosocial sum z-score	0.53431 <.0001	0.51300 <.0001	-0.25872 <.0001	-0.34225 <.0001	0.85989 <.0001	-0.16013 0.0101	0.10918 0.0806
<b>C4EZHYPS</b> Hyperactive sum z-score	-0.18620 0.0027	-0.16562 0.0078	0.57251 <.0001	0.85576 <.0001	-0.30924 <.0001	0.22561 0.0003	-0.07878 0.2081
<b>C4EZVICS</b> Victim Behavior sum z-score	-0.22795 0.0002	-0.19826 0.0014	0.15351 0.0138	0.27969 <.0001	-0.21553 0.0005	0.90151 <.0001	0.17798 0.0042
<b>C4EZPRF3</b> Social Preference diff z-score (top 3)	0.65350 <.0001	0.72761 <.0001	-0.50872 <.0001	-0.58501 <.0001	0.52452 <.0001	-0.34825 <.0001	0.04773 0.4461
<b>C4EZSIM3</b> Social Impact diff z-score (top 3)	0.29989 <.0001	0.49985 <.0001	0.39901 <.0001	0.39904 <.0001	0.15005 0.0161	0.15077 0.0156	-0.14522 0.0199
<b>C4EZPRFU</b> Social Preference diff z-score (unlimited)	0.73178 <.0001	0.58963 <.0001	-0.46692 <.0001	-0.58497 <.0001	0.53099 <.0001	-0.34179 <.0001	0.06001 0.3380
<b>C4EZSIMU</b> Social Impact diff z-score (unlimited)	0.45947 <.0001	0.34431 <.0001	0.44231 <.0001	0.38360 <.0001	0.12490 0.0455	0.16679 0.0074	-0.14555 0.0196
<b>C4EGLLSU</b> Like Least z-score by sex (unlimited)	-0.40476 <.0001	-0.33185 <.0001	0.60702 <.0001	0.65016 <.0001	-0.41750 <.0001	0.36071 <.0001	-0.12841 0.0397
<b>C4EGLLS3</b> Like Least z-score by sex (top 3)	-0.35531 <.0001	-0.30364 <.0001	0.62271 <.0001	0.64643 <.0001	-0.35410 <.0001	0.33687 <.0001	-0.12632 0.0430
<b>C4EGLMSU</b> Like Most z-score by sex (unlimited)	1.00000	0.79731 <.0001	-0.15330 0.0139	-0.27171 <.0001	0.59805 <.0001	-0.21418 0.0005	-0.02981 0.6343
<b>C4EGLMS3</b> Like Most z-score by sex (top 3)	0.79731 <.0001	1.00000	-0.16237 0.0091	-0.22449 0.0003	0.57009 <.0001	-0.21419 0.0005	-0.04047 0.5183
<b>C4EGAGGS</b> Aggressive z-score by sex	-0.15330 0.0139	-0.16237 0.0091	1.00000	0.63317 <.0001	-0.26933 <.0001	0.15180 0.0149	-0.15988 0.0103
<b>C4EGHYP3</b> Hyperactivity z-score by sex	-0.27171 <.0001	-0.22449 0.0003	0.63317 <.0001	1.00000	-0.35781 <.0001	0.23527 0.0001	-0.11724 0.0605
<b>C4EGPROS</b> Prosocial z-score by sex	0.59805 <.0001	0.57009 <.0001	-0.26933 <.0001	-0.35781 <.0001	1.00000	-0.17311 0.0054	0.11795 0.0590

Pearson Correlation Coefficients, N = 257 Prob >  r  under H0: Rho=0							
	C4EGLMSU	C4EGLMS3	C4EGAGGS	C4EGHYP5	C4EGPROS	C4EGVICS	C4EGWDRS
<b>C4EGVICS</b> Victim Behavior z-score by sex	-0.21418 0.0005	-0.21419 0.0005	0.15180 0.0149	0.23527 0.0001	-0.17311 0.0054	1.00000	0.18779 0.0025
<b>C4EGWDRS</b> Withdrawn Behavior z-score by sex	-0.02981 0.6343	-0.04047 0.5183	-0.15988 0.0103	-0.11724 0.0605	0.11795 0.0590	0.18779 0.0025	1.00000
<b>C4EGPRFU</b> Social Preference z-score by sex (unlimited)	0.82650 <.0001	0.66607 <.0001	-0.46199 <.0001	-0.55743 <.0001	0.60104 <.0001	-0.34788 <.0001	0.06382 0.3081
<b>C4EGSIMU</b> Social Impact z-score by sex (unlimited)	0.50858 <.0001	0.39273 <.0001	0.43183 <.0001	0.37096 <.0001	0.13490 0.0306	0.14698 0.0184	-0.14801 0.0176
<b>C4EGPRF3</b> Social Preference z-score by sex (top 3)	0.70599 <.0001	0.79500 <.0001	-0.49364 <.0001	-0.54703 <.0001	0.56733 <.0001	-0.34490 <.0001	0.05722 0.3609
<b>C4EGSIM3</b> Social Impact z-score by sex (top3)	0.34611 <.0001	0.56109 <.0001	0.40390 <.0001	0.37612 <.0001	0.16124 0.0096	0.11506 0.0655	-0.14092 0.0239
<b>C4ERRGIV</b> Mean Roster Rtg Given by respondent	0.02934 0.6397	-0.00784 0.9004	-0.10171 0.1038	-0.03559 0.5700	-0.03947 0.5288	-0.03786 0.5458	0.12369 0.0476
<b>C4ERRREC</b> Mean Roster Rtg Received by respondent	-0.44055 <.0001	-0.41509 <.0001	0.36900 <.0001	0.47557 <.0001	-0.39672 <.0001	0.24863 <.0001	-0.12387 0.0473
<b>C4ERRSTD</b> Std Dev of mean Roster Rtg Received	-0.05591 0.3721	-0.10805 0.0838	0.22868 0.0002	0.23493 0.0001	-0.18347 0.0032	-0.00366 0.9534	-0.25432 <.0001

Pearson Correlation Coefficients, N = 257 Prob >  r  under H0: Rho=0							
	C4EGPRFU	C4EGSIMU	C4EGPRF3	C4EGSIM3	C4ERRGIV	C4ERRREC	C4ERRSTD
<b>C4EZLMS3</b> Like Most sum z-score (top 3)	0.65789 <.0001	0.34929 <.0001	0.77241 <.0001	0.52161 <.0001	0.00229 0.9709	-0.45178 <.0001	-0.13296 0.0331
<b>C4EZLMSU</b> Like Most sum z-score (unlimited)	0.78768 <.0001	0.43822 <.0001	0.66807 <.0001	0.29188 <.0001	0.02683 0.6685	-0.50886 <.0001	-0.08795 0.1598
<b>C4EZLLS3</b> Like Least sum z-score (top 3)	-0.72459 <.0001	0.52514 <.0001	-0.75646 <.0001	0.58096 <.0001	-0.00550 0.9301	0.61884 <.0001	0.27096 <.0001
<b>C4EZLLSU</b> Like Least sum z-score (unlimited)	-0.77214 <.0001	0.54353 <.0001	-0.73169 <.0001	0.50481 <.0001	-0.00985 0.8751	0.64894 <.0001	0.27470 <.0001
<b>C4EZAGGS</b> Aggressive sum z-score	-0.39260 <.0001	0.38621 <.0001	-0.40898 <.0001	0.35079 <.0001	-0.10538 0.0918	0.44034 <.0001	0.24599 <.0001

Pearson Correlation Coefficients, N = 257 Prob >  r  under H0: Rho=0							
	C4EGPRFU	C4EGSIMU	C4EGPRF3	C4EGSIM3	C4ERRGIV	C4ERRREC	C4ERRSTD
<b>C4EZWDERS</b> Withdrawn Behavior sum z- score	0.09115 0.1451	-0.15079 0.0155	0.08308 0.1843	-0.13424 0.0315	0.09258 0.1388	-0.21465 0.0005	-0.28807 <.0001
<b>C4EZPROS</b> Prosocial sum z- score	0.54459 <.0001	0.11175 0.0737	0.51622 <.0001	0.13878 0.0261	0.02486 0.6917	-0.42337 <.0001	-0.18156 0.0035
<b>C4EZHYPS</b> Hyperactive sum z- score	-0.44123 <.0001	0.33933 <.0001	-0.44993 <.0001	0.33789 <.0001	-0.02025 0.7466	0.50800 <.0001	0.23389 0.0002
<b>C4EZVICS</b> Victim Behavior sum z-score	-0.37414 <.0001	0.16996 0.0063	-0.34003 <.0001	0.13958 0.0252	0.02221 0.7231	0.28707 <.0001	0.03650 0.5603
<b>C4EZPRF3</b> Social Preference diff z-score (top 3)	0.85860 <.0001	-0.15053 0.0157	0.94501 <.0001	-0.08961 0.1520	0.00599 0.9239	-0.66993 <.0001	-0.25788 <.0001
<b>C4EZSIM3</b> Social Impact diff z-score (top 3)	-0.14236 0.0224	0.74599 <.0001	-0.08129 0.1939	0.93295 <.0001	-0.00002 0.9997	0.20779 0.0008	0.14087 0.0239
<b>C4EZPRFU</b> Social Preference diff z-score (unlimited)	0.91675 <.0001	-0.09983 0.1103	0.82627 <.0001	-0.15558 0.0125	0.02253 0.7192	-0.68695 <.0001	-0.22343 0.0003
<b>C4EZSIMU</b> Social Impact diff z-score (unlimited)	-0.07424 0.2356	0.93118 <.0001	-0.14154 0.0232	0.75795 <.0001	0.01777 0.7768	0.19927 0.0013	0.19845 0.0014
<b>C4EGLLSU</b> Like Least z-score by sex (unlimited)	-0.84866 <.0001	0.57844 <.0001	-0.79250 <.0001	0.53371 <.0001	-0.01767 0.7780	0.58063 <.0001	0.27212 <.0001
<b>C4EGLLS3</b> Like Least z-score by sex (top 3)	-0.77874 <.0001	0.55863 <.0001	-0.81904 <.0001	0.61742 <.0001	-0.02935 0.6395	0.54845 <.0001	0.26685 <.0001
<b>C4EGLMSU</b> Like Most z-score by sex (unlimited)	0.82650 <.0001	0.50858 <.0001	0.70599 <.0001	0.34611 <.0001	0.02934 0.6397	-0.44055 <.0001	-0.05591 0.3721
<b>C4EGLMS3</b> Like Most z-score by sex (top 3)	0.66607 <.0001	0.39273 <.0001	0.79500 <.0001	0.56109 <.0001	-0.00784 0.9004	-0.41509 <.0001	-0.10805 0.0838
<b>C4EGAGGS</b> Aggressive z-score by sex	-0.46199 <.0001	0.43183 <.0001	-0.49364 <.0001	0.40390 <.0001	-0.10171 0.1038	0.36900 <.0001	0.22868 0.0002
<b>C4EGHYPS</b> Hyperactivity z- score by sex	-0.55743 <.0001	0.37096 <.0001	-0.54703 <.0001	0.37612 <.0001	-0.03559 0.5700	0.47557 <.0001	0.23493 0.0001
<b>C4EGPROS</b> Prosocial z-score by sex	0.60104 <.0001	0.13490 0.0306	0.56733 <.0001	0.16124 0.0096	-0.03947 0.5288	-0.39672 <.0001	-0.18347 0.0032
<b>C4EGVICS</b> Victim Behavior z- score by sex	-0.34788 <.0001	0.14698 0.0184	-0.34490 <.0001	0.11506 0.0655	-0.03786 0.5458	0.24863 <.0001	-0.00366 0.9534
<b>C4EGWDERS</b> Withdrawn Behavior z-score by sex	0.06382 0.3081	-0.14801 0.0176	0.05722 0.3609	-0.14092 0.0239	0.12369 0.0476	-0.12387 0.0473	-0.25432 <.0001

Pearson Correlation Coefficients, N = 257 Prob >  r  under H0: Rho=0							
	C4EGPRFU	C4EGSIMU	C4EGPRF3	C4EGSIM3	C4ERRGIV	C4ERRREC	C4ERRSTD
<b>C4EGPRFU</b> Social Preference z-score by sex (unlimited)	1.00000	-0.06180 0.3237	0.89686 <.0001	-0.12735 0.0414	0.02896 0.6440	-0.61330 <.0001	-0.20312 0.0011
<b>C4EGSIMU</b> Social Impact z-score by sex (unlimited)	-0.06180 0.3237	1.00000	-0.11875 0.0573	0.80712 <.0001	0.01451 0.8169	0.15164 0.0150	0.20729 0.0008
<b>C4EGPRF3</b> Social Preference z-score by sex (top 3)	0.89686 <.0001	-0.11875 0.0573	1.00000	-0.05512 0.3788	0.01480 0.8134	-0.59918 <.0001	-0.23620 0.0001
<b>C4EGSIM3</b> Social Impact z-score by sex (top3)	-0.12735 0.0414	0.80712 <.0001	-0.05512 0.3788	1.00000	-0.02919 0.6414	0.13278 0.0334	0.14223 0.0226
<b>C4ERRGIV</b> Mean Roster Rtg Given by respondent	0.02896 0.6440	0.01451 0.8169	0.01480 0.8134	-0.02919 0.6414	1.00000	0.28106 <.0001	0.21648 0.0005
<b>C4ERRREC</b> Mean Roster Rtg Received by respondent	-0.61330 <.0001	0.15164 0.0150	-0.59918 <.0001	0.13278 0.0334	0.28106 <.0001	1.00000	0.62494 <.0001
<b>C4ERRSTD</b> Std Dev of mean Roster Rtg Received	-0.20312 0.0011	0.20729 0.0008	-0.23620 0.0001	0.14223 0.0226	0.21648 0.0005	0.62494 <.0001	1.00000