Sociometrics
Grade 2/Year 3
Fast Track Project Technical Report
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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.

References
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       Bukowski, W.M. & Newcomb, A.F. (1984). Stability and determinants of sociometric status and friendship choice: A longitudinal perspective. *Developmental Psychology, 20*, 941-952.

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Reports
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Data Sources
Raw: C3E

Scored: SCM3

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the following dimensions: liked most, liked least, aggression (who are the kids who start fights and say mean things), withdrawn (who are the kids who are shy and act afraid to be around other kids) behavior, prosocial (who are the kids who cooperate, help, and share) behavior,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 third 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, 105 records were missing the complete measure. 36 records were missing from the control sample (9 from Durham, 11 from Nashville, 8 from Pennsylvania, and 8 from Washington) and 89 records were missing from the normative sample (16 from Durham, 39 from Nashville, 10 from Pennsylvania, and 24 from Washington). These numbers may reflect some overlap between the two samples.

For the self-report items, 144 records were missing; 44 from the control sample (11 from Durham, 12 from Nashville, 11 from Pennsylvania, and 10 from Washington) and 124 records were missing from the normative sample (28 from Durham, 47 from Nashville, 19 from Pennsylvania, and 30 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 measures 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. Both types of nominations were used in this year 3 version of the measure.

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 "yes" or "no" responses. 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), and 8 (do kids at school like you). A summary scale score, *School Satisfaction*, based on factor analysis, can be used for these self-report items. The "yes" responses were converted to "1" and the "no" responses were converted to "0." Thus, a high score for this scale would be an 8.

Cronbach's alphas were calculated for both samples of the *School Satisfaction* scale: .51 for the control sample and .57 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 25 of the 29 z-score/mean roster rating items. The four z-scores/mean roster rating items that did not indicate significant differences between the samples were: C3EZWDRS (Withdrawn behavior sum z-score), C3EGWDRS (Withdrawn behavior z-score by sex), C3EGSIM3 (Social impact top 3 z-score by sex), and C3ERRGIV (Mean roster rating given by respondent).

A t-test for the scale, *School Satisfaction*, did not indicate significant differences between the samples.

Sociometrics Scale

Variable	Normative Sample		Control Sample		DF	t Value	Pr > |t|
	Mean	Std Dev	Mean	Std Dev			
SCM3SCS (School Satisfaction)	5.18	0.82	5.07	0.94	317	-1.03	0.3034

Sociometrics Z-Score/Mean Roster Rating Items

Variable	Normative Sample		Control Sample		DF	t Value	Pr > |t|
	Mean	Std Dev	Mean	Std Dev			
C3EZLMS3 (Like Most sum z-score-top 3)	0.09	1.00	-0.35	0.77	356	-4.18	<.0001
C3EZLMSU (Like Most sum z-score-unlimited)	0.03	0.95	-0.39	0.81	356	-4.06	<.0001
C3EZLLS3 (Like Least sum z-score-top 3)	-0.15	0.83	0.59	1.17	356	6.89	<.0001
C3EZLLSU (Like Least sum z-score-unlimited)	-0.16	0.84	0.64	1.14	356	7.49	<.0001
C3EZAGGS (Aggressive sum z-score)	-0.06	0.89	0.79	1.31	356	7.24	<.0001
C3EZWDRS (Withdrawn Behavior sum z-score)	-0.12	0.83	-0.29	0.72	356	-1.97	0.0501
C3EZPROS (Prosocial sum z-score)	0.06	0.97	-0.41	0.79	356	-4.54	<.0001
C3EZHYPS (Hyperactive sum z-score)	-0.13	0.88	0.79	1.25	356	8.14	<.0001
C3EZVICS (Victim Behavior sum z-score)	-0.06	0.89	0.16	0.96	356	2.14	0.0329
C3EZPRF3 (Social Preference difference z-score-top 3)	0.15	0.91	-0.59	1.01	356	-7.06	<.0001
C3EZSIM3 (Social Impact difference z-score-top 3)	-0.05	1.00	0.21	1.01	356	2.32	0.0209
C3EZPRFU (Social Preference difference z-score-unlimited)	0.11	0.90	-0.62	1.03	356	-6.92	<.0001
C3EZSIMU (Social Impact difference z-score-unlimited)	-0.13	0.98	0.24	0.97	356	3.40	0.0008

C3EGLLSU (Like Least unlimited z-score by sex)	-0.09	0.93	0.50	1.06	356	5.36	<.0001
C3EGLLS3 (Like Least top 3 z-score by sex)	-0.07	0.92	0.47	1.10	356	4.87	<.0001
C3EGLMSU (Like Most unlimited z-score by sex)	-0.01	0.96	-0.33	0.80	356	-3.17	0.0017
C3EGLMS3 (Like Most top 3 z-score by sex)	0.06	0.98	-0.29	0.83	356	-3.32	0.0010
C3EGAGGS (Aggressive z-score by sex)	0.00	0.95	0.60	1.11	356	5.34	<.0001
C3EGHYPS (Hyperactive z-score by sex)	-0.10	0.85	0.63	1.12	356	6.87	<.0001
C3EGPROS (Prosocial z-score by sex)	0.01	0.91	-0.32	0.82	356	-3.32	0.0010
C3EGVICS (Victim Behavior z-score by sex)	-0.08	0.86	0.17	0.95	356	2.49	0.0132
C3EGWDRS (Withdrawn Behavior z-score by sex)	-0.09	0.89	-0.24	0.71	356	-1.54	0.1246
C3EGPRFU (Social Preferences unlimited z-score by sex)	0.05	0.98	-0.51	1.01	356	-5.10	<.0001
C3EGSIMU (Social Impact unlimited z-score by sex)	-0.10	1.00	0.16	0.95	356	2.33	0.0202
C3EGPRF3 (Social Preferences top 3 z-score by sex)	0.08	0.98	-0.50	1.03	356	-5.18	<.0001
C3EGSIM3 (Social Impact top 3 z-score by sex)	-0.01	1.04	0.16	1.00	356	1.48	0.1400
C3ERRGIV (Mean roster rating given by respondent)	1.73	0.30	1.70	0.33	317	-0.93	0.3545
C3ERRREC (Mean roster rating received by respondent)	1.70	0.31	1.93	0.32	355	6.75	<.0001
C3ERRSTD (Std. Dev. of mean roster rating received)	0.69	0.16	0.76	0.12	355	4.53	<.0001

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

Table of C3ESTAT3 by group			
C3ESTAT3 (Status Grouping (Top 3))	**group**		
Frequency **Column Percent**	**Control**	**Normative**	**Total**
AVERAGE	59 49.58	123 51.46	182
CONTROVERSIAL	11 9.24	15 6.28	26
NEGLECTED	11 9.24	39 16.32	50
POPULAR	5 4.20	41 17.15	46
REJECTED	33 27.73	21 8.79	54
Total	119 33.24	239 66.76	358 100.00
Frequency Missing = 105			

With χ^2 (4, N = 358) = 33.1417, 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:

Table of C3ESTATU by group			
C3ESTATU (Status Grouping (unlimited))	**group**		
Frequency **Column Percent**	**Control**	**Normative**	**Total**
AVERAGE	55 46.22	123 51.46	178
CONTROVERSIAL	7 5.88	16 6.69	23
NEGLECTED	9 7.56	39 16.32	48
POPULAR	6 5.04	37 15.48	43
REJECTED	42 35.29	24 10.04	66
Total	119 33.24	239 66.76	358 100.00
Frequency Missing = 105			

With χ^2 (4, N = 358) = 39.7499, 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:

Table of C3EGSTA3 by group			
C3EGSTA3 (status groupings (top 3) by sex)	group		
Frequency Column Percent	Control	Normative	Total
AVERAGE	50 42.02	107 44.77	157
CONTROVERSIAL	11 9.24	21 8.79	32
NEGLECTED	18 15.13	39 16.32	57
POPULAR	7 5.88	41 17.15	48
REJECTED	33 27.73	31 12.97	64
Total	119 33.24	239 66.76	358 100.00
Frequency Missing = 105			

With χ^2 (4, N = 358) = 17.4377, p< 0.0016, 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:

Table of C3EGSTAT by group			
C3EGSTAT (status groupings (unlimited) by sex)	group		
Frequency Column Percent	Control	Normative	Total
AVERAGE	55 46.22	108 45.19	163
CONTROVERSIAL	9 7.56	16 6.69	25
NEGLECTED	15 12.61	41 17.15	56
POPULAR	6 5.04	38 15.90	44
REJECTED	34 28.57	36 15.06	70
Total	119 33.24	239 66.76	358 100.00
Frequency Missing = 105			

With χ^2 (4, N = 358) = 16.1900, p< 0.0028, 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 13 of the z-scores were normally distributed for both the normative and the control samples. Four z-scores were positively skewed for both samples: C3EZWDRS (withdrawn behavior sum z-score), C3EZPROS (prosocial sum z-score), C3EZVICS (victim behavior sum z-score), and C3EGWDRS (withdrawn behavior z-score by sex). Eight z-scores were positively skewed for the normative sample but were normally distributed for the control sample: C3EZLLS3 (like least sum z-score top 3), C3EZLLSU (like least sum z-score unlimited), C3EZAGGS (aggressive sum z-score), C3EZHYPS (hyperactive sum z-score), C3EGLLS3 (like least z-score top 3 by sex), C3EGAGGS (aggressive z-score by sex), C3EGHYPS (hyperactive z-score by sex), and C3EGVICS (victim behavior z-score by sex). One z-score, C3EGPROS (prosocial z-score by sex), was normally distributed for the normative sample but was positively skewed for the control sample.

One z-score, *Withdrawn Behavior sum z-score*, showed positive kurtosis for both the normative and the control sample. 73% of the normative sample and 77% of the control sample had scores between –1.39 and 0.0 and between –1.18 and 0.0 respectively. In addition, another z-score, *Prosocial sum z-score,* showed positive kurtosis for the control sample only, with 93% of the control sample scoring between –1.80 and 0.0.

Two scores, the mean roster rating given by respondent (C3ERRGIV) and the mean roster rating received by the respondent (C3ERRREC), were normally distributed for both samples. Another score, the standard deviation of the mean roster rating received by the respondent (C3ERRSTD), was negatively skewed for the normative sample but was normally distributed for the control sample. Also, the standard deviation of the mean roster rating received by the respondent showed positive kurtosis for the normative sample with 74% of the normative sample scoring between 0.0 and 0.80.

Finally, the *School Satisfaction* scale was normally distributed for both the control and the normative samples. This scale showed positive kurtosis for both the control and the normative samples. 74% of the control sample and 75% of the normative sample scored between 1.0 and 5.0 (8.0 was the highest possible score for this scale). Because the internal consistency of this scale for both samples was moderate, some caution should be used when using this scale.

VI. Item Means and SDs

Sociometrics Self-Report Items Normative Sample Year 3

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C3ESR1	Self-Report 1: School fun?	263	0.9277567	0.2593840	0	1.0000000
C3ESR2	Self-Report 2: Nice things happen?	262	0.8778626	0.3280711	0	1.0000000
C3ESR3r	Self-Report 3: Feel unhappy?	263	0.8669202	0.3403086	0	1.0000000
C3ESR4	Self-Report 4: Like your school?	263	0.9391635	0.2394859	0	1.0000000
C3ESR5	Self-Report 5: Kids to play with?	263	0.9847909	0.1226172	0	1.0000000
C3ESR6r	Self-Report 6: Lonely at school?	263	0.9429658	0.2323501	0	1.0000000
C3ESR7r	Self-Report 7: Hard to make friends?	263	0.7338403	0.4427914	0	1.0000000
C3ESR8	Self-Report 8: Kids like you?	263	0.9505703	0.2171767	0	1.0000000

Sociometrics Self-Report Items Control Sample Year 3

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C3ESR1	Self-Report 1: School fun?	111	0.9099099	0.2876093	0	1.0000000
C3ESR2	Self-Report 2: Nice things happen?	111	0.8558559	0.3528287	0	1.0000000
C3ESR3r	Self-Report 3: Feel unhappy?	111	0.7837838	0.4135304	0	1.0000000
C3ESR4	Self-Report 4: Like your school?	111	0.9279279	0.2597800	0	1.0000000
C3ESR5	Self-Report 5: Kids to play with?	111	0.9909910	0.0949158	0	1.0000000
C3ESR6r	Self-Report 6: Lonely at school?	111	0.9549550	0.2083436	0	1.0000000
C3ESR7r	Self-Report 7: Hard to make friends?	111	0.8108108	0.3934351	0	1.0000000
C3ESR8	Self-Report 8: Kids like you?	111	0.9369369	0.2441787	0	1.0000000

Sociometrics Z-Score/Mean Roster Rating Items Normative Sample Year 3

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C3EZLMS3	Like Most sum z-score (top 3)	298	0.0268673	0.9742823	-1.4448974	2.9793979
C3EZLMSU	Like Most sum z-score (unlimited)	298	-0.0302547	0.9379328	-2.1260477	3.2297235
C3EZLLS3	Like Least sum z-score (top 3)	298	-0.0074723	0.9372280	-1.5488540	3.1533821
C3EZLLSU	Like Least sum z-score (unlimited)	298	-0.0019857	0.9543298	-1.4377208	3.1433303
C3EZAGGS	Aggressive sum z-score	298	0.0985431	1.0137771	-1.2884335	3.2977352
C3EZWDRS	Withdrawn Behavior sum z-score	298	-0.1560292	0.8221409	-1.3894250	3.7735963
C3EZPROS	Prosocial sum z-score	298	-0.0134047	0.9579595	-1.6920776	3.2608712
C3EZHYPS	Hyperactive sum z-score	298	0.0359314	1.0216148	-1.1713567	4.8523590
C3EZVICS	Victim Behavior sum z-score	298	-0.0081093	0.9175545	-1.4907120	4.0760890
C3EZPRF3	Social Preference diff z-score (top 3)	298	0.0219761	0.9579999	-2.8537711	2.6233962
C3EZSIM3	Social Impact diff z-score (top 3)	298	0.0152641	1.0112027	-2.1480858	3.3669298
C3EZPRFU	Social Preference diff z-score (unlimited)	298	-0.0166113	0.9629079	-3.2084454	2.7509075
C3EZSIMU	Social Impact diff z-score (unlimited)	298	-0.0374118	0.9858108	-2.6725630	2.8761344
C3EGLLSU	Like Least (unlimited) z-score by sex	298	0.0208574	0.9682273	-1.8794207	2.9169380
C3EGLLS3	Like Least (top 3) z-score by sex	298	0.0293399	0.9626795	-1.3008873	2.9564087
C3EGLMSU	Like Most (unlimited) z-score by sex	298	-0.0488048	0.9329810	-1.8199857	2.3663184
C3EGLMS3	Like Most (top 3) z-score by sex	298	0.0095286	0.9648816	-1.5413768	2.7343963
C3EGAGGS	Aggressive z-score by sex	298	0.1017762	0.9972132	-1.2940900	3.5804290
C3EGHYPS	Hyperactive z-score by sex	298	0.0357880	0.9646648	-1.5811388	3.4369318
C3EGPROS	Prosocial z-score by sex	298	-0.0379614	0.8999462	-1.8141390	2.5429031
C3EGVICS	Victim Behavior z-score by sex	298	-0.0216944	0.8799738	-1.6799552	3.2352424
C3EGWDRS	Withdrawal z-score by sex	298	-0.1228255	0.8501616	-1.5569979	3.2107773
C3EGPRFU	Social Preference (unlimited) z-score by sex	298	-0.0429507	0.9982452	-2.6267065	2.2202810
C3EGSIMU	Social Impact (unlimited) z-score by sex	298	-0.0342440	0.9955284	-2.8194576	2.5979737
C3EGPRF3	Social Preference (top 3) z-score by sex	298	-0.0126270	0.9980838	-2.7055468	2.3194428
C3EGSIM3	Social Impact (top 3) z-score by sex	298	0.0314754	1.0366053	-2.1974165	3.0399867
C3ERRGIV	Mean Roster Rtg Given by respondent	263	1.7105862	0.3152404	1.0000000	2.6000000
C3ERRREC	Mean Roster Rtg Received by respondent	297	1.7355260	0.3238359	1.0000000	2.5882353
C3ERRSTD	Std Dev of mean Roster Rtg Received	297	0.7034797	0.1532312	0	0.9910312

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Sociometrics Z-Score/Mean Roster Rating Items Control Sample Year 3

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
C3EZLMS3	Like Most sum z-score (top 3)	119	-0.3459711	0.7682834	-1.6393687	2.6244668
C3EZLMSU	Like Most sum z-score (unlimited)	119	-0.3858602	0.8130482	-1.9999616	2.6625609
C3EZLLS3	Like Least sum z-score (top 3)	119	0.5868908	1.1661906	-1.5488540	4.0097127
C3EZLLSU	Like Least sum z-score (unlimited)	119	0.6376154	1.1361241	-1.4377208	3.9885218
C3EZAGGS	Aggressive sum z-score	119	0.7872468	1.3067776	-1.2884335	3.7686733
C3EZWDRS	Withdrawn Behavior sum z-score	119	-0.2923312	0.7248669	-1.1753895	2.7598927
C3EZPROS	Prosocial sum z-score	119	-0.4060236	0.7898967	-1.7991243	3.2606730
C3EZHYPS	Hyperactive sum z-score	119	0.7948045	1.2453645	-1.1713567	4.8523590
C3EZVICS	Victim Behavior sum z-score	119	0.1573132	0.9620938	-1.3772271	3.5014005
C3EZPRF3	Social Preference diff z-score (top 3)	119	-0.5923185	1.0092173	-3.1596412	2.1906398
C3EZSIM3	Social Impact diff z-score (top 3)	119	0.2097622	1.0069764	-1.7480095	3.0487765
C3EZPRFU	Social Preference diff z-score (unlimited)	119	-0.6168615	1.0270113	-3.2461549	2.2827832
C3EZSIMU	Social Impact diff z-score (unlimited)	119	0.2383229	0.9663297	-2.2211524	2.5326143
C3EGLLSU	Like Least (unlimited) z-score by sex	119	0.4994503	1.0631441	-1.3263770	2.9110426
C3EGLLS3	Like Least (top 3) z-score by sex	119	0.4682203	1.1004258	-1.2304653	3.0327603
C3EGLMSU	Like Most (unlimited) z-score by sex	119	-0.3281587	0.8047314	-1.7519692	2.0104434
C3EGLMS3	Like Most (top 3) z-score by sex	119	-0.2902687	0.8300154	-1.7247173	2.2978591
C3EGAGGS	Aggressive z-score by sex	119	0.6032987	1.1070540	-1.1741757	3.3797612
C3EGHYPS	Hyperactive z-score by sex	119	0.6299711	1.1204132	-1.2087613	3.4369318
C3EGPROS	Prosocial z-score by sex	119	-0.3221418	0.8165072	-1.8183844	2.4308900
C3EGVICS	Victim Behavior z-score by sex	119	0.1739407	0.9527327	-1.6266514	2.6995276
C3EGWDRS	Withdrawal z-score by sex	119	-0.2351515	0.7141111	-1.3349047	1.9819150
C3EGPRFU	Social Preference (unlimited) z-score by sex	119	-0.5144662	1.0050391	-2.7549076	2.1091447
C3EGSIMU	Social Impact (unlimited) z-score by sex	119	0.1617146	0.9450255	-2.6127099	2.2190297
C3EGPRF3	Social Preference (top 3) z-score by sex	119	-0.4953845	1.0337250	-3.0796286	2.2299630
C3EGSIM3	Social Impact (top 3) z-score by sex	119	0.1581986	0.9987332	-1.6919610	2.7277758
C3ERRGIV	Mean Roster Rtg Given by respondent	111	1.6957578	0.3272342	1.0000000	2.4500000
C3ERRREC	Mean Roster Rtg Received by respondent	119	1.9336346	0.3173782	1.1666667	2.7000000
C3ERRSTD	Std Dev of mean Roster Rtg Received	119	0.7636899	0.1157227	0.3892495	0.9663455

Sociometrics Scale Year 3

Analysis Variable : SCM3SCS Total School Scale - Sociometrics					
	N	Mean	Std Dev	Minimum	Maximum
Normative	263	5.1357958	0.8530600	1.0000000	8.0000000
Control	111	5.0720721	0.9410991	1.0000000	8.0000000

VII. Item Correlations

Sociometrics Self-Report Items Report Sample Year 3

<table>
<tr><th colspan="9">Pearson Correlation Coefficients, N = 318
Prob > |r| under H0: Rho=0</th></tr>
<tr><th></th><th>C3ESR1</th><th>C3ESR2</th><th>C3ESR3r</th><th>C3ESR4</th><th>C3ESR5</th><th>C3ESR6r</th><th>C3ESR7r</th><th>C3ESR8</th></tr>
<tr><td>**C3ESR1**
Self-Report 1: School fun?</td><td>1.00000</td><td>0.21472
0.0001</td><td>0.14185
0.0113</td><td>0.34215
<.0001</td><td>-0.03225
0.5667</td><td>0.03305
0.5571</td><td>-0.00104
0.9853</td><td>0.09087
0.1058</td></tr>
<tr><td>**C3ESR2**
Self-Report 2: Nice things happen?</td><td>0.21472
0.0001</td><td>1.00000</td><td>0.15330
0.0062</td><td>0.19435
0.0005</td><td>0.21246
0.0001</td><td>0.19435
0.0005</td><td>0.15161
0.0068</td><td>0.24711
<.0001</td></tr>
<tr><td>**C3ESR3r**
Self-Report 3: Feel unhappy?</td><td>0.14185
0.0113</td><td>0.15330
0.0062</td><td>1.00000</td><td>0.15930
0.0044</td><td>0.10814
0.0540</td><td>0.34777
<.0001</td><td>0.15402
0.0059</td><td>0.09218
0.1009</td></tr>
<tr><td>**C3ESR4**
Self-Report 4: Like your school?</td><td>0.34215
<.0001</td><td>0.19435
0.0005</td><td>0.15930
0.0044</td><td>1.00000</td><td>-0.02765
0.6233</td><td>0.05778
0.3044</td><td>0.04615
0.4121</td><td>0.06278
0.2643</td></tr>
<tr><td>**C3ESR5**
Self-Report 5: Kids to play with?</td><td>-0.03225
0.5667</td><td>0.21246
0.0001</td><td>0.10814
0.0540</td><td>-0.02765
0.6233</td><td>1.00000</td><td>0.09446
0.0927</td><td>0.19467
0.0005</td><td>0.34949
<.0001</td></tr>
<tr><td>**C3ESR6r**
Self-Report 6: Lonely at school?</td><td>0.03305
0.5571</td><td>0.19435
0.0005</td><td>0.34777
<.0001</td><td>0.05778
0.3044</td><td>0.09446
0.0927</td><td>1.00000</td><td>0.29705
<.0001</td><td>0.06278
0.2643</td></tr>
<tr><td>**C3ESR7r**
Self-Report 7: Hard to make friends?</td><td>-0.00104
0.9853</td><td>0.15161
0.0068</td><td>0.15402
0.0059</td><td>0.04615
0.4121</td><td>0.19467
0.0005</td><td>0.29705
<.0001</td><td>1.00000</td><td>0.24882
<.0001</td></tr>
<tr><td>**C3ESR8**
Self-Report 8: Kids like you?</td><td>0.09087
0.1058</td><td>0.24711
<.0001</td><td>0.09218
0.1009</td><td>0.06278
0.2643</td><td>0.34949
<.0001</td><td>0.06278
0.2643</td><td>0.24882
<.0001</td><td>1.00000</td></tr>
</table>

Sociometrics Z-Score/Mean Roster Rating Items Report Sample Year 3

	C3EZLMS3	C3EZLMSU	C3EZLLS3	C3EZLLSU	C3EZAGGS	C3EZWDRS	C3EZPROS
Pearson Correlation Coefficients, N = 319 **Prob > |r| under H0: Rho=0**							
C3EZLMS3 **Like Most sum z-score (top 3)**	1.00000	0.78984 <.0001	-0.27930 <.0001	-0.31654 <.0001	-0.09005 0.1084	0.14834 0.0080	0.66989 <.0001
C3EZLMSU **Like Most sum z-score (unlimited)**	0.78984 <.0001	1.00000	-0.41173 <.0001	-0.45019 <.0001	-0.17968 0.0013	0.14716 0.0085	0.62218 <.0001
C3EZLLS3 **Like Least sum z-score (top 3)**	-0.27930 <.0001	-0.41173 <.0001	1.00000	0.92764 <.0001	0.58886 <.0001	-0.14035 0.0121	-0.33091 <.0001
C3EZLLSU **Like Least sum z-score (unlimited)**	-0.31654 <.0001	-0.45019 <.0001	0.92764 <.0001	1.00000	0.61530 <.0001	-0.15913 0.0044	-0.37112 <.0001
C3EZAGGS **Aggressive sum z-score**	-0.09005 0.1084	-0.17968 0.0013	0.58886 <.0001	0.61530 <.0001	1.00000	-0.17294 0.0019	-0.27793 <.0001
C3EZWDRS **Withdrawn Behavior sum z-score**	0.14834 0.0080	0.14716 0.0085	-0.14035 0.0121	-0.15913 0.0044	-0.17294 0.0019	1.00000	0.30979 <.0001
C3EZPROS **Prosocial sum z-score**	0.66989 <.0001	0.62218 <.0001	-0.33091 <.0001	-0.37112 <.0001	-0.27793 <.0001	0.30979 <.0001	1.00000
C3EZHYPS **Hyperactive sum z-score**	-0.20707 0.0002	-0.27238 <.0001	0.68152 <.0001	0.67219 <.0001	0.71016 <.0001	-0.18892 0.0007	-0.32511 <.0001
C3EZVICS **Victim Behavior sum z-score**	-0.07686 0.1709	-0.11665 0.0373	0.25018 <.0001	0.22378 <.0001	0.19827 0.0004	0.02517 0.6543	-0.08336 0.1374
C3EZPRF3 **Social Preference diff z-score (top 3)**	0.78735 <.0001	0.74496 <.0001	-0.81179 <.0001	-0.78810 <.0001	-0.43332 <.0001	0.18040 0.0012	0.61868 <.0001
C3EZSIM3 **Social Impact diff z-score (top 3)**	0.57013 <.0001	0.28703 <.0001	0.62942 <.0001	0.53765 <.0001	0.43039 <.0001	0.00010 0.9986	0.25987 <.0001
C3EZPRFU **Social Preference diff z-score (unlimited)**	0.64102 <.0001	0.84191 <.0001	-0.79440 <.0001	-0.86046 <.0001	-0.47569 <.0001	0.18092 0.0012	0.57624 <.0001
C3EZSIMU **Social Impact diff z-score (unlimited)**	0.41675 <.0001	0.48028 <.0001	0.53066 <.0001	0.56573 <.0001	0.43729 <.0001	-0.02203 0.6951	0.21278 0.0001
C3EGLLSU **Like Least (unlimited) z-score by sex**	-0.31201 <.0001	-0.42085 <.0001	0.80741 <.0001	0.86676 <.0001	0.42440 <.0001	-0.09692 0.0839	-0.31097 <.0001
C3EGLLS3 **Like Least (top 3) z-score by sex**	-0.26826 <.0001	-0.37622 <.0001	0.86246 <.0001	0.77908 <.0001	0.39657 <.0001	-0.08826 0.1157	-0.27236 <.0001
C3EGLMSU **Like Most (unlimited) z-score by sex**	0.75971 <.0001	0.93225 <.0001	-0.35319 <.0001	-0.37730 <.0001	-0.10192 0.0691	0.08822 0.1158	0.55949 <.0001

Pearson Correlation Coefficients, N = 319 Prob > |r| under H0: Rho=0							
	C3EZLMS3	**C3EZLMSU**	**C3EZLLS3**	**C3EZLLSU**	**C3EZAGGS**	**C3EZWDRS**	**C3EZPROS**
C3EGLMS3 **Like Most (top 3) z-score by sex**	0.94603 <.0001	0.73919 <.0001	-0.25126 <.0001	-0.28500 <.0001	-0.05119 0.3621	0.08159 0.1460	0.60877 <.0001
C3EGAGGS **Aggressive z-score by sex**	-0.07954 0.1564	-0.15742 0.0048	0.49043 <.0001	0.51419 <.0001	0.79826 <.0001	-0.11809 0.0350	-0.22977 <.0001
C3EGHYPS **Hyperactive z-score by sex**	-0.22928 <.0001	-0.26455 <.0001	0.57781 <.0001	0.55883 <.0001	0.52598 <.0001	-0.16053 0.0040	-0.29166 <.0001
C3EGPROS **Prosocial z-score by sex**	0.64230 <.0001	0.57900 <.0001	-0.24343 <.0001	-0.29319 <.0001	-0.17763 0.0014	0.19459 0.0005	0.91048 <.0001
C3EGVICS **Victim Behavior z-score by sex**	-0.10579 0.0591	-0.14055 0.0120	0.26335 <.0001	0.24319 <.0001	0.18523 0.0009	0.00713 0.8990	-0.10500 0.0611
C3EGWDRS **Withdrawal z-score by sex**	0.11136 0.0469	0.10075 0.0723	-0.06638 0.2371	-0.09270 0.0984	-0.07420 0.1862	0.83520 <.0001	0.23963 <.0001
C3EGPRFU **Social Preference (unlimited) z-score by sex**	0.61905 <.0001	0.78303 <.0001	-0.68971 <.0001	-0.73949 <.0001	-0.31682 <.0001	0.10902 0.0517	0.50217 <.0001
C3EGSIMU **Social Impact (unlimited) z-score by sex**	0.39253 <.0001	0.44347 <.0001	0.47181 <.0001	0.50769 <.0001	0.32422 <.0001	-0.01733 0.7578	0.21109 0.0001
C3EGPRF3 **Social Preference (top 3) z-score by sex**	0.74079 <.0001	0.68702 <.0001	-0.70815 <.0001	-0.67452 <.0001	-0.28776 <.0001	0.10592 0.0588	0.53940 <.0001
C3EGSIM3 **Social Impact (top 3) z-score by sex**	0.52923 <.0001	0.26970 <.0001	0.54488 <.0001	0.44574 <.0001	0.30127 <.0001	-0.01118 0.8424	0.25442 <.0001
C3ERRGIV **Mean Roster Rtg Given by respondent**	0.08915 0.1120	0.07930 0.1577	-0.05889 0.2944	-0.09983 0.0750	-0.10102 0.0716	0.07795 0.1649	0.08478 0.1308
C3ERRREC **Mean Roster Rtg Received by respondent**	-0.54584 <.0001	-0.63807 <.0001	0.60407 <.0001	0.65004 <.0001	0.47527 <.0001	-0.26832 <.0001	-0.56846 <.0001
C3ERRSTD **Std Dev of mean Roster Rtg Received**	-0.20494 0.0002	-0.23142 <.0001	0.29851 <.0001	0.37515 <.0001	0.33953 <.0001	-0.22233 <.0001	-0.33373 <.0001

Pearson Correlation Coefficients, N = 319 Prob > |r| under H0: Rho=0							
	C3EZHYPS	**C3EZVICS**	**C3EZPRF3**	**C3EZSIM3**	**C3EZPRFU**	**C3EZSIMU**	**C3EGLLSU**	**C3EGLLS3**
C3EZLMS3 **Like Most sum z-score (top 3)**	-0.20707 0.0002	-0.07686 0.1709	0.78735 <.0001	0.57013 <.0001	0.64102 <.0001	0.41675 <.0001	-0.31201 <.0001	-0.26826 <.0001

	Pearson Correlation Coefficients, N = 319 Prob > |r| under H0: Rho=0							
	C3EZHYPS	**C3EZVICS**	**C3EZPRF3**	**C3EZSIM3**	**C3EZPRFU**	**C3EZSIMU**	**C3EGLLSU**	**C3EGLLS3**
C3EZLMSU Like Most sum z-score (unlimited)	-0.27238 <.0001	-0.11665 0.0373	0.74496 <.0001	0.28703 <.0001	0.84191 <.0001	0.48028 <.0001	-0.42085 <.0001	-0.37622 <.0001
C3EZLLS3 Like Least sum z-score (top 3)	0.68152 <.0001	0.25018 <.0001	-0.81179 <.0001	0.62942 <.0001	-0.79440 <.0001	0.53066 <.0001	0.80741 <.0001	0.86246 <.0001
C3EZLLSU Like Least sum z-score (unlimited)	0.67219 <.0001	0.22378 <.0001	-0.78810 <.0001	0.53765 <.0001	-0.86046 <.0001	0.56573 <.0001	0.86676 <.0001	0.77908 <.0001
C3EZAGGS Aggressive sum z-score	0.71016 <.0001	0.19827 0.0004	-0.43332 <.0001	0.43039 <.0001	-0.47569 <.0001	0.43729 <.0001	0.42440 <.0001	0.39657 <.0001
C3EZWDRS Withdrawn Behavior sum z-score	-0.18892 0.0007	0.02517 0.6543	0.18040 0.0012	0.00010 0.9986	0.18092 0.0012	-0.02203 0.6951	-0.09692 0.0839	-0.08826 0.1157
C3EZPROS Prosocial sum z-score	-0.32511 <.0001	-0.08336 0.1374	0.61868 <.0001	0.25987 <.0001	0.57624 <.0001	0.21278 0.0001	-0.31097 <.0001	-0.27236 <.0001
C3EZHYPS Hyperactive sum z-score	1.00000	0.26498 <.0001	-0.56313 <.0001	0.41429 <.0001	-0.56085 <.0001	0.40416 <.0001	0.49940 <.0001	0.50556 <.0001
C3EZVICS Victim Behavior sum z-score	0.26498 <.0001	1.00000	-0.20787 0.0002	0.15048 0.0071	-0.20232 0.0003	0.11026 0.0491	0.20051 0.0003	0.21526 0.0001
C3EZPRF3 Social Preference diff z-score (top 3)	-0.56313 <.0001	-0.20787 0.0002	1.00000	-0.05738 0.3070	0.90023 <.0001	-0.08697 0.1211	-0.70851 <.0001	-0.71728 <.0001
C3EZSIM3 Social Impact diff z-score (top 3)	0.41429 <.0001	0.15048 0.0071	-0.05738 0.3070	1.00000	-0.16087 0.0040	0.79223 <.0001	0.43811 <.0001	0.52065 <.0001
C3EZPRFU Social Preference diff z-score (unlimited)	-0.56085 <.0001	-0.20232 0.0003	0.90023 <.0001	-0.16087 0.0040	1.00000	-0.06772 0.2278	-0.76372 <.0001	-0.68528 <.0001
C3EZSIMU Social Impact diff z-score (unlimited)	0.40416 <.0001	0.11026 0.0491	-0.08697 0.1211	0.79223 <.0001	-0.06772 0.2278	1.00000	0.46129 <.0001	0.41752 <.0001
C3EGLLSU Like Least (unlimited) z-score by sex	0.49940 <.0001	0.20051 0.0003	-0.70851 <.0001	0.43811 <.0001	-0.76372 <.0001	0.46129 <.0001	1.00000	0.91018 <.0001
C3EGLLS3 Like Least (top 3) z-score by sex	0.50556 <.0001	0.21526 0.0001	-0.71728 <.0001	0.52065 <.0001	-0.68528 <.0001	0.41752 <.0001	0.91018 <.0001	1.00000
C3EGLMSU Like Most (unlimited) z-score by sex	-0.19870 0.0004	-0.13294 0.0175	0.68880 <.0001	0.31290 <.0001	0.75882 <.0001	0.48902 <.0001	-0.45253 <.0001	-0.40874 <.0001
C3EGLMS3 Like Most (top 3) z-score by sex	-0.16340 0.0034	-0.10405 0.0634	0.73636 <.0001	0.55047 <.0001	0.59261 <.0001	0.40099 <.0001	-0.33118 <.0001	-0.28546 <.0001

	Pearson Correlation Coefficients, N = 319 Prob > |r| under H0: Rho=0							
	C3EZHYPS	**C3EZVICS**	**C3EZPRF3**	**C3EZSIM3**	**C3EZPRFU**	**C3EZSIMU**	**C3EGLLSU**	**C3EGLLS3**
C3EGAGGS Aggressive z-score by sex	0.54442 <.0001	0.21016 0.0002	-0.36414 <.0001	0.35424 <.0001	-0.40260 <.0001	0.35807 <.0001	0.52633 <.0001	0.50232 <.0001
C3EGHYPS Hyperactive z-score by sex	0.83879 <.0001	0.26707 <.0001	-0.51019 <.0001	0.30785 <.0001	-0.48794 <.0001	0.30147 <.0001	0.56334 <.0001	0.57722 <.0001
C3EGPROS Prosocial z-score by sex	-0.22588 <.0001	-0.10844 0.0530	0.54578 <.0001	0.31223 <.0001	0.50462 <.0001	0.24812 <.0001	-0.33437 <.0001	-0.27471 <.0001
C3EGVICS Victim Behavior z-score by sex	0.27558 <.0001	0.93646 <.0001	-0.23385 <.0001	0.13899 0.0130	-0.22744 <.0001	0.10836 0.0532	0.22103 <.0001	0.23994 <.0001
C3EGWDRS Withdrawal z-score by sex	-0.07461 0.1838	0.04608 0.4121	0.10996 0.0497	0.03297 0.5574	0.11305 0.0436	-0.00098 0.9861	-0.11392 0.0420	-0.08707 0.1207
C3EGPRFU Social Preference (unlimited) z-score by sex	-0.41574 <.0001	-0.19801 0.0004	0.81974 <.0001	-0.08881 0.1134	0.89340 <.0001	-0.00312 0.9558	-0.86342 <.0001	-0.78463 <.0001
C3EGSIMU Social Impact (unlimited) z-score by sex	0.30527 <.0001	0.07345 0.1907	-0.06451 0.2506	0.72205 <.0001	-0.05451 0.3318	0.90789 <.0001	0.56882 <.0001	0.52122 <.0001
C3EGPRF3 Social Preference (top 3) z-score by sex	-0.42514 <.0001	-0.20211 0.0003	0.90539 <.0001	-0.00637 0.9098	0.79890 <.0001	-0.02892 0.6068	-0.78760 <.0001	-0.81844 <.0001
C3EGSIM3 Social Impact (top 3) z-score by sex	0.30467 <.0001	0.10218 0.0684	-0.02855 0.6115	0.89454 <.0001	-0.11637 0.0378	0.68590 <.0001	0.52150 <.0001	0.63606 <.0001
C3ERRGIV Mean Roster Rtg Given by respondent	-0.09379 0.0945	0.12188 0.0295	0.09276 0.0982	0.02096 0.7092	0.10674 0.0569	-0.02511 0.6550	-0.10114 0.0712	-0.07903 0.1591
C3ERRREC Mean Roster Rtg Received by respondent	0.52956 <.0001	0.20634 0.0002	-0.71912 <.0001	0.07557 0.1782	-0.75525 <.0001	0.05363 0.3397	0.57291 <.0001	0.52717 <.0001
C3ERRSTD Std Dev of mean Roster Rtg Received	0.31362 <.0001	0.05595 0.3191	-0.31547 <.0001	0.08837 0.1152	-0.35784 <.0001	0.15258 0.0063	0.34467 <.0001	0.27844 <.0001

	Pearson Correlation Coefficients, N = 319 Prob > |r| under H0: Rho=0						
	C3EGLMSU	**C3EGLMS3**	**C3EGAGGS**	**C3EGHYPS**	**C3EGPROS**	**C3EGVICS**	**C3EGWDRS**
C3EZLMS3 Like Most sum z-score (top 3)	0.75971 <.0001	0.94603 <.0001	-0.07954 0.1564	-0.22928 <.0001	0.64230 <.0001	-0.10579 0.0591	0.11136 0.0469
C3EZLMSU Like Most sum z-score (unlimited)	0.93225 <.0001	0.73919 <.0001	-0.15742 0.0048	-0.26455 <.0001	0.57900 <.0001	-0.14055 0.0120	0.10075 0.0723

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	C3EGLMSU	C3EGLMS3	C3EGAGGS	C3EGHYPS	C3EGPROS	C3EGVICS	C3EGWDRS
Pearson Correlation Coefficients, N = 319 **Prob > |r| under H0: Rho=0**							
C3EZLLS3 **Like Least sum z-score (top 3)**	-0.35319 <.0001	-0.25126 <.0001	0.49043 <.0001	0.57781 <.0001	-0.24343 <.0001	0.26335 <.0001	-0.06638 0.2371
C3EZLLSU **Like Least sum z-score (unlimited)**	-0.37730 <.0001	-0.28500 <.0001	0.51419 <.0001	0.55883 <.0001	-0.29319 <.0001	0.24319 <.0001	-0.09270 0.0984
C3EZAGGS **Aggressive sum z-score**	-0.10192 0.0691	-0.05119 0.3621	0.79826 <.0001	0.52598 <.0001	-0.17763 0.0014	0.18523 0.0009	-0.07420 0.1862
C3EZWDRS **Withdrawn Behavior sum z-score**	0.08822 0.1158	0.08159 0.1460	-0.11809 0.0350	-0.16053 0.0040	0.19459 0.0005	0.00713 0.8990	0.83520 <.0001
C3EZPROS **Prosocial sum z-score**	0.55949 <.0001	0.60877 <.0001	-0.22977 <.0001	-0.29166 <.0001	0.91048 <.0001	-0.10500 0.0611	0.23963 <.0001
C3EZHYPS **Hyperactive sum z-score**	-0.19870 0.0004	-0.16340 0.0034	0.54442 <.0001	0.83879 <.0001	-0.22588 <.0001	0.27558 <.0001	-0.07461 0.1838
C3EZVICS **Victim Behavior sum z-score**	-0.13294 0.0175	-0.10405 0.0634	0.21016 0.0002	0.26707 <.0001	-0.10844 0.0530	0.93646 <.0001	0.04608 0.4121
C3EZPRF3 **Social Preference diff z-score (top 3)**	0.68880 <.0001	0.73636 <.0001	-0.36414 <.0001	-0.51019 <.0001	0.54578 <.0001	-0.23385 <.0001	0.10996 0.0497
C3EZSIM3 **Social Impact diff z-score (top 3)**	0.31290 <.0001	0.55047 <.0001	0.35424 <.0001	0.30785 <.0001	0.31223 <.0001	0.13899 0.0130	0.03297 0.5574
C3EZPRFU **Social Preference diff z-score (unlimited)**	0.75882 <.0001	0.59261 <.0001	-0.40260 <.0001	-0.48794 <.0001	0.50462 <.0001	-0.22744 <.0001	0.11305 0.0436
C3EZSIMU **Social Impact diff z-score (unlimited)**	0.48902 <.0001	0.40099 <.0001	0.35807 <.0001	0.30147 <.0001	0.24812 <.0001	0.10836 0.0532	-0.00098 0.9861
C3EGLLSU **Like Least (unlimited) z-score by sex**	-0.45253 <.0001	-0.33118 <.0001	0.52633 <.0001	0.56334 <.0001	-0.33437 <.0001	0.22103 <.0001	-0.11392 0.0420
C3EGLLS3 **Like Least (top 3) z-score by sex**	-0.40874 <.0001	-0.28546 <.0001	0.50232 <.0001	0.57722 <.0001	-0.27471 <.0001	0.23994 <.0001	-0.08707 0.1207
C3EGLMSU **Like Most (unlimited)z-score by sex**	1.00000	0.79682 <.0001	-0.16389 0.0033	-0.27614 <.0001	0.61291 <.0001	-0.14225 0.0110	0.10784 0.0543
C3EGLMS3 **Like Most (top 3) z-score by sex**	0.79682 <.0001	1.00000	-0.09173 0.1020	-0.23019 <.0001	0.65742 <.0001	-0.11982 0.0324	0.09040 0.1070
C3EGAGGS **Aggressive z-score by sex**	-0.16389 0.0033	-0.09173 0.1020	1.00000	0.58335 <.0001	-0.24216 <.0001	0.22060 <.0001	-0.12287 0.0282

| Pearson Correlation Coefficients, N = 319 | | | | | | | |
| Prob > \|r\| under H0: Rho=0 | | | | | | | |
	C3EGLMSU	**C3EGLMS3**	**C3EGAGGS**	**C3EGHYPS**	**C3EGPROS**	**C3EGVICS**	**C3EGWDRS**
C3EGHYPS Hyperactive z-score by sex	-0.27614 <.0001	-0.23019 <.0001	0.58335 <.0001	1.00000	-0.29954 <.0001	0.26982 <.0001	-0.14661 0.0087
C3EGPROS Prosocial z-score by sex	0.61291 <.0001	0.65742 <.0001	-0.24216 <.0001	-0.29954 <.0001	1.00000	-0.11150 0.0466	0.22465 <.0001
C3EGVICS Victim Behavior z-score by sex	-0.14225 0.0110	-0.11982 0.0324	0.22060 <.0001	0.26982 <.0001	-0.11150 0.0466	1.00000	0.06888 0.2199
C3EGWDRS Withdrawal z-score by sex	0.10784 0.0543	0.09040 0.1070	-0.12287 0.0282	-0.14661 0.0087	0.22465 <.0001	0.06888 0.2199	1.00000
C3EGPRFU Social Preference (unlimited) z-score by sex	0.84007 <.0001	0.65122 <.0001	-0.41467 <.0001	-0.49901 <.0001	0.54681 <.0001	-0.21622 <.0001	0.12919 0.0210
C3EGSIMU Social Impact (unlimited) z-score by sex	0.47449 <.0001	0.40766 <.0001	0.36602 <.0001	0.29582 <.0001	0.23639 <.0001	0.08523 0.1287	-0.01734 0.7578
C3EGPRF3 Social Preference (top 3) z-score by sex	0.74234 <.0001	0.78412 <.0001	-0.38121 <.0001	-0.51209 <.0001	0.57020 <.0001	-0.22766 <.0001	0.10993 0.0498
C3EGSIM3 Social Impact (top 3) z-score by sex	0.28816 <.0001	0.55767 <.0001	0.35969 <.0001	0.31209 <.0001	0.29171 <.0001	0.11115 0.0473	-0.00363 0.9485
C3ERRGIV Mean Roster Rtg Given by respondent	0.05756 0.3055	0.04726 0.4003	-0.12208 0.0293	-0.06536 0.2444	0.06287 0.2628	0.09002 0.1086	0.02203 0.6950
C3ERRREC Mean Roster Rtg Received by respondent	-0.56801 <.0001	-0.49606 <.0001	0.44874 <.0001	0.52139 <.0001	-0.51406 <.0001	0.22418 <.0001	-0.20679 0.0002
C3ERRSTD Std Dev of mean Roster Rtg Received	-0.15897 0.0044	-0.16292 0.0035	0.31314 <.0001	0.28479 <.0001	-0.27845 <.0001	0.05405 0.3359	-0.17855 0.0014

| Pearson Correlation Coefficients, N = 319 | | | | | | | |
| Prob > \|r\| under H0: Rho=0 | | | | | | | |
	C3EGPRFU	**C3EGSIMU**	**C3EGPRF3**	**C3EGSIM3**	**C3ERRGIV**	**C3ERRREC**	**C3ERRSTD**
C3EZLMS3 Like Most sum z-score (top 3)	0.61905 <.0001	0.39253 <.0001	0.74079 <.0001	0.52923 <.0001	0.08915 0.1120	-0.54584 <.0001	-0.20494 0.0002
C3EZLMSU Like Most sum z-score (unlimited)	0.78303 <.0001	0.44347 <.0001	0.68702 <.0001	0.26970 <.0001	0.07930 0.1577	-0.63807 <.0001	-0.23142 <.0001
C3EZLLS3 Like Least sum z-score (top 3)	-0.68971 <.0001	0.47181 <.0001	-0.70815 <.0001	0.54488 <.0001	-0.05889 0.2944	0.60407 <.0001	0.29851 <.0001

	C3EGPRFU	C3EGSIMU	C3EGPRF3	C3EGSIM3	C3ERRGIV	C3ERRREC	C3ERRSTD
Pearson Correlation Coefficients, N = 319 **Prob > |r| under H0: Rho=0**							
C3EZLLSU **Like Least sum z-score (unlimited)**	-0.73949 <.0001	0.50769 <.0001	-0.67452 <.0001	0.44574 <.0001	-0.09983 0.0750	0.65004 <.0001	0.37515 <.0001
C3EZAGGS **Aggressive sum z-score**	-0.31682 <.0001	0.32422 <.0001	-0.28776 <.0001	0.30127 <.0001	-0.10102 0.0716	0.47527 <.0001	0.33953 <.0001
C3EZWDRS **Withdrawn Behavior sum z-score**	0.10902 0.0517	-0.01733 0.7578	0.10592 0.0588	-0.01118 0.8424	0.07795 0.1649	-0.26832 <.0001	-0.22233 <.0001
C3EZPROS **Prosocial sum z-score**	0.50217 <.0001	0.21109 0.0001	0.53940 <.0001	0.25442 <.0001	0.08478 0.1308	-0.56846 <.0001	-0.33373 <.0001
C3EZHYPS **Hyperactive sum z-score**	-0.41574 <.0001	0.30527 <.0001	-0.42514 <.0001	0.30467 <.0001	-0.09379 0.0945	0.52956 <.0001	0.31362 <.0001
C3EZVICS **Victim Behavior sum z-score**	-0.19801 0.0004	0.07345 0.1907	-0.20211 0.0003	0.10218 0.0684	0.12188 0.0295	0.20634 0.0002	0.05595 0.3191
C3EZPRF3 **Social Preference diff z-score (top 3)**	0.81974 <.0001	-0.06451 0.2506	0.90539 <.0001	-0.02855 0.6115	0.09276 0.0982	-0.71912 <.0001	-0.31547 <.0001
C3EZSIM3 **Social Impact diff z-score (top 3)**	-0.08881 0.1134	0.72205 <.0001	-0.00637 0.9098	0.89454 <.0001	0.02096 0.7092	0.07557 0.1782	0.08837 0.1152
C3EZPRFU **Social Preference diff z-score (unlimited)**	0.89340 <.0001	-0.05451 0.3318	0.79890 <.0001	-0.11637 0.0378	0.10674 0.0569	-0.75525 <.0001	-0.35784 <.0001
C3EZSIMU **Social Impact diff z-score (unlimited)**	-0.00312 0.9558	0.90789 <.0001	-0.02892 0.6068	0.68590 <.0001	-0.02511 0.6550	0.05363 0.3397	0.15258 0.0063
C3EGLLSU **Like Least (unlimited) z-score by sex**	-0.86342 <.0001	0.56882 <.0001	-0.78760 <.0001	0.52150 <.0001	-0.10114 0.0712	0.57291 <.0001	0.34467 <.0001
C3EGLLS3 **Like Least (top 3) z-score by sex**	-0.78463 <.0001	0.52122 <.0001	-0.81844 <.0001	0.63606 <.0001	-0.07903 0.1591	0.52717 <.0001	0.27844 <.0001
C3EGLMSU **Like Most (unlimited) z-score by sex**	0.84007 <.0001	0.47449 <.0001	0.74234 <.0001	0.28816 <.0001	0.05756 0.3055	-0.56801 <.0001	-0.15897 0.0044
C3EGLMS3 **Like Most (top 3) z-score by sex**	0.65122 <.0001	0.40766 <.0001	0.78412 <.0001	0.55767 <.0001	0.04726 0.4003	-0.49606 <.0001	-0.16292 0.0035
C3EGAGGS **Aggressive z-score by sex**	-0.41467 <.0001	0.36602 <.0001	-0.38121 <.0001	0.35969 <.0001	-0.12208 0.0293	0.44874 <.0001	0.31314 <.0001
C3EGHYPS **Hyperactive z-score by sex**	-0.49901 <.0001	0.29582 <.0001	-0.51209 <.0001	0.31209 <.0001	-0.06536 0.2444	0.52139 <.0001	0.28479 <.0001

	C3EGPRFU	C3EGSIMU	C3EGPRF3	C3EGSIM3	C3ERRGIV	C3ERRREC	C3ERRSTD
C3EGPROS **Prosocial z-score by sex**	0.54681 <.0001	0.23639 <.0001	0.57020 <.0001	0.29171 <.0001	0.06287 0.2628	-0.51406 <.0001	-0.27845 <.0001
C3EGVICS **Victim Behavior z-score by sex**	-0.21622 <.0001	0.08523 0.1287	-0.22766 <.0001	0.11115 0.0473	0.09002 0.1086	0.22418 <.0001	0.05405 0.3359
C3EGWDRS **Withdrawal z-score by sex**	0.12919 0.0210	-0.01734 0.7578	0.10993 0.0498	-0.00363 0.9485	0.02203 0.6950	-0.20679 0.0002	-0.17855 0.0014
C3EGPRFU **Social Preference (unlimited) z-score by sex**	1.00000	-0.07745 0.1676	0.89859 <.0001	-0.15471 0.0056	0.09600 0.0869	-0.66849 <.0001	-0.29762 <.0001
C3EGSIMU **Social Impact (unlimited) z-score by sex**	-0.07745 0.1676	1.00000	-0.09275 0.0982	0.78092 <.0001	-0.04681 0.4047	0.04457 0.4276	0.19226 0.0006
C3EGPRF3 **Social Preference (top 3) z-score by sex**	0.89859 <.0001	-0.09275 0.0982	1.00000	-0.07750 0.1673	0.08089 0.1495	-0.63799 <.0001	-0.27643 <.0001
C3EGSIM3 **Social Impact (top 3) z-score by sex**	-0.15471 0.0056	0.78092 <.0001	-0.07750 0.1673	1.00000	-0.03135 0.5770	0.05735 0.3072	0.10945 0.0508
C3ERRGIV **Mean Roster Rtg Given by respondent**	0.09600 0.0869	-0.04681 0.4047	0.08089 0.1495	-0.03135 0.5770	1.00000	0.00020 0.9972	-0.00055 0.9922
C3ERRREC **Mean Roster Rtg Received by respondent**	-0.66849 <.0001	0.04457 0.4276	-0.63799 <.0001	0.05735 0.3072	0.00020 0.9972	1.00000	0.49392 <.0001
C3ERRSTD **Std Dev of mean Roster Rtg Received**	-0.29762 <.0001	0.19226 0.0006	-0.27643 <.0001	0.10945 0.0508	-0.00055 0.9922	0.49392 <.0001	1.00000

Pearson Correlation Coefficients, N = 319
Prob > |r| under H0: Rho=0