## Sociometrics

Grade 4/Year 5
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 and Scale Correlations

## Appendix

SAS Scoring program

## Citations

Instrument
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Maumary-Gremaud, A. \& Miller-Johnson, S. (1995). Sociometric Interview. (Fast Track Project Technical Report). Durham, NC: Duke University.

## Data Sources

| Raw: | C5E |
| :--- | :--- |
| Scored: |  |
| SCM5 |  |

## 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the following dimensions: liked most, liked least, aggression (who are the kids who start fights and say mean things), withdrawn (who are the kids who are shy and act afraid to be around other kids) behavior, prosocial (who are the kids who cooperate, help, and share) behavior,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 ( $\mathrm{n}=155$ ) and the normative sample ( $\mathrm{n}=387,463$ with overlap) from the fifth 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, 168 records were missing the complete measure. 64 records were missing from the control sample ( 15 from Durham, 16 from Nashville, 9 from Pennsylvania, and 24 from Washington) and 137 records were missing from the normative sample ( 35 from Durham, 37 from Nashville, 10 from Pennsylvania, and 55 from Washington). These numbers may reflect some overlap between the two samples.

For the self-report items, 199 records were missing the complete measure. 71 records were missing from the control sample ( 15 from Durham, 17 from Nashville, 13 from Pennsylvania, and 26 from Washington) and 165 records were missing from the normative sample ( 38 from Durham, 43 from Nashville, 24 from Pennsylvania, and 60 from Washington). These numbers may reflect some overlap between the two samples. In addition, a number of self-report items had higher missing rates: C5ESR13 (227 missing), C5ESR14 (228 missing), C5ESR15 (227 missing), C5ESR16 (227 missing), C5ESR17 (228 missing), C5ESR18 (228 missing), C5ESR19 (228 missing), C5ESR20 (228 missing), and C5ESR21 (228 missing).

## III. Scaling

Roster ratings were not collected for year 5 of the measure. 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 (unlimited nominations).

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 <br> $z$-score $>0$ |
| Rejected | Social Preference z-score $\leq-1+$ Like Least sum z-score $>0$ + Like Most <br> 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- <br> 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, in the later grades, there are 21 self-report items, which can be divided into two groups. For the first group of items (1-16), the 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 include 1 (is school fun for you), 2 (do nice things happen to you at school), 3 (do you feel unhappy at schoolreversed), 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), 12 (are the kids in class mean to each other-reversed), 13 (my classmates think I am a good listener), 14 (I am good at taking turns and sharing things), 15 (I know how to disagree without starting a fight), and 16 (I am good at finding fair ways to solve problems). A summary scale score, School Satisfaction, based on factor analysis, can be used for these self-report items.

The second set of self-report items focus on how many times since school started had certain events occurred. These items are completed using a scale of 1 to 5 (not at all, once or twice this school year, about once each month, once or more per week, and every day). These items include 1 (did someone make fun of you/insult you), 2 (did someone leave you out when you wanted to join in an activity or conversation), 3 (did someone say something mean about you to other kids), 4 (did someone damage or take something of yours on purpose), and 5 (did someone threaten to hurt you). A summary scale score, School Interaction, is used for these 5 items.

Cronbach's alphas were calculated for both scales and can be found in the table below:

| Subscales | Cronbach's Alpha |  |
| :--- | :---: | :---: |
|  | Control Sample | Normative Sample |
| School Satisfaction (SCM3SCS) | .83 | .79 |
| School Interaction (SCM3INT) | .69 | .71 |

Both scales showed an adequate level for internal consistency for both the normative and the control samples.

## 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 16 of the 21 z-score/mean roster rating items. The five z-scores/mean roster rating items that did not indicate significant differences between the samples were: C5EZSIMU (Social impact z-score unlimited), C5EGWDRS (Withdrawn behavior z-score by sex), C5EGSIMU (Social impact unlimited z-score by sex), C5ERRGIV (Mean roster rating given by respondent), and C5ERRSTD (Standard deviation of mean roster rating received).

A t-test for the scale, School Satisfaction, indicated significant differences between the samples, with the mean for the normative sample greater than the mean for the control sample. The School Interaction scale approached significance ( $p=0.06$ ), with the control respondents having a higher score than the normative respondents.

Finally, analysts should also note that extremely small sample sizes were recorded for the roster rating summary scores. The t-tests for these items do not therefore give a clear picture of these items.

## Sociometrics Scales

| Comparison of Means for Normative and Control for Continuous Scales and Items |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Normative |  | Control |  | DF | t Value | Pr $>\|t\|$ |
| Variable | Label | Mean | Std Dev | Mean | Std Dev |  |  |  |
| SCM5INT | School Interactions - Sociometrics Yr5 | 10.45 | 3.97 | 11.52 | 4.29 | 233 | 1.86 | 0.0638 |
| SCM5SCS | School Satisfaction - Sociometrics Yr5 | 49.09 | 6.35 | 46.70 | 7.66 | 262 | -2.66 | 0.0083 |

Sociometrics Z-Score/Mean Roster Rating Items

| Variable | Normative Sample |  | Control Sample |  | DF | tValue | $\operatorname{Pr}>\|t\|$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Mean | Std Dev | Mean | Std Dev |  |  |  |
| C5EZLMSU (Like Most sum z-scoreunlimited) | 0.14 | 0.96 | -0.49 | 0.85 | 293 | -5.42 | <. 0001 |
| C5EZLLSU (Like Least sum z-score-unlimited) | -0.13 | 0.88 | 0.67 | 1.00 | 293 | 6.97 | <. 0001 |
| C5EZAGGS (Aggressive sum z-score) | -0.11 | 0.92 | 0.91 | 1.39 | 293 | 7.44 | <. 0001 |
| C5EZWDRS (Withdrawn Behavior sum zscore) | -0.02 | 0.89 | -0.33 | 0.50 | 293 | -3.13 | 0.0019 |
| C5EZPROS (Prosocial sum z-score) | 0.09 | 1.00 | -0.50 | 0.60 | 293 | -5.18 | <. 0001 |
| C5EZHYPS (Hyperactive sum z-score) | -0.09 | 0.94 | 0.81 | 1.20 | 293 | 6.90 | <. 0001 |
| C5EZVICS (Victim Behavior sum z-score) | -0.12 | 0.96 | 0.35 | 1.12 | 293 | 3.66 | 0.0003 |
| C5EZPRFU (Social Preference difference z-score-unlimited) | 0.16 | 0.89 | -0.69 | 0.93 | 293 | -7.51 | <. 0001 |


| C5EZSIMU (Social Impact difference z-score- <br> unlimited) | 0.01 | 1.05 | 0.19 | 1.01 | 293 | 1.40 | 0.1643 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| C5EGLLSU (Like Least unlimited z-score by <br> sex) | -0.10 | 0.91 | 0.56 | 0.94 | 293 | 5.70 | $<.0001$ |
| C5EGLMSU (Like Most unlimited z-score by <br> sex) | 0.11 | 0.96 | -0.44 | 0.81 | 293 | -4.81 | $<.0001$ |
| C5EGAGGS (Aggressive z-score by sex) | -0.11 | 0.87 | 0.66 | 1.15 | 293 | 6.29 | $<.0001$ |
| C5EGHYPS (Hyperactive z-score by sex) | -0.06 | 0.97 | 0.64 | 1.13 | 293 | 5.45 | $<.0001$ |
|  |  |  |  |  |  |  |  |

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

| Table of C5ESTATU by group |  |  |  |
| :---: | :---: | :---: | :---: |
| C5ESTATU (Status Grouping (unlimited)) | Group |  |  |
| Frequency Column Percent | Control | Normative | Total |
| AVERAGE | $\begin{array}{r} 36 \\ 39.56 \end{array}$ | $\begin{array}{r} 100 \\ 49.02 \end{array}$ | 136 |
| CONTROVERSIAL | $\begin{array}{r} 7 \\ 7.69 \end{array}$ | $\begin{array}{r} 15 \\ 7.35 \end{array}$ | 22 |
| NEGLECTED | $\begin{array}{r} 7 \\ 7.69 \end{array}$ | $\begin{array}{r} 32 \\ 15.69 \end{array}$ | 39 |
| POPULAR | $\begin{array}{r} 5 \\ 5.49 \end{array}$ | $\begin{array}{r} 38 \\ 18.63 \end{array}$ | 43 |
| REJECTED | $\begin{array}{r} 36 \\ 39.56 \end{array}$ | $\begin{array}{r} 19 \\ 9.31 \end{array}$ | 55 |
| Total | $\begin{array}{r} 91 \\ 30.85 \end{array}$ | $\begin{array}{r} 204 \\ 69.15 \end{array}$ | $\begin{array}{r} 295 \\ 100.00 \end{array}$ |
| Frequency Missing = 168 |  |  |  |

With $\chi^{2}(4, \mathrm{~N}=295)=42.5981, \mathrm{p}<0.0001$, 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 unlimited by sex between the high-risk control and normative samples was:

| Table of C5EGSTAT by group |  |  |  |
| :---: | :---: | :---: | :---: |
| C5EGSTAT (status groupings (unlimited) by sex) | Group |  | Total |
| Frequency Column Percent | Control | Normative |  |
| AVERAGE | $\begin{array}{r} 40 \\ 43.96 \end{array}$ | 91 44.61 | 131 |
| CONTROVERSIAL | 5 | 19 9.31 | 24 |
| NEGLECTED | 9 9.89 | $\begin{array}{r} 36 \\ 17.65 \end{array}$ | 45 |
| POPULAR | $\begin{array}{r} 4 \\ 4.40 \end{array}$ | $\begin{array}{r} 35 \\ 17.16 \end{array}$ | 39 |
| REJECTED | $\begin{array}{r} 33 \\ 36.26 \end{array}$ | $\begin{array}{r} 23 \\ 11.27 \end{array}$ | 56 |
| Total | $\begin{array}{r} 91 \\ 30.85 \end{array}$ | $\begin{array}{r} 204 \\ 69.15 \end{array}$ | $\begin{array}{r} 295 \\ 100.00 \end{array}$ |
| Frequency Missing = 168 |  |  |  |

With $\chi^{2}(4, \mathrm{~N}=295)=32.0690, \mathrm{p}<0.0001$, 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 7 of the z-scores were normally distributed for both the normative and the control samples. Four z-scores were positively skewed for both samples: C5EZWDRS (withdrawn behavior sum z-score), C5EZPROS (prosocial sum z-score), C5EZVICS (victim behavior sum z-score), and C5EGWDRS (withdrawn behavior z-score by sex). Six z-scores were positively skewed for the normative sample but were normally distributed for the control sample: C5EZLLSU (like least sum zscore unlimited), C5EZAGGS (aggressive sum z-score), C5EZHYPS (hyperactive sum z-score), C5EGAGGS (aggressive z-score by sex), C5EGHYPS (hyperactive z-score by sex), and C5EGVICS (victim behavior z-score by sex).

One z-score, Withdrawn Behavior sum z-score, showed positive kurtosis for the normative sample, with $71 \%$ of the normative sample had scores between -1.04 and 0.00 . The Victim Behavior sum z-score had a positive kurtosis for the normative sample as well, with $50 \%$ scoring between -1.56 and 0.00 . In addition, the Withdrawn Behavior z-score by sex had a positive kurtosis for the normative sample, with $72 \%$ scoring between -1.13 and 0.00 .

Two of the mean roster rating scores, the mean roster rating given by respondent (C5ERRGIV) and the mean roster rating received by the respondent (C5ERRREC) were normally distributed for both the normative and the control samples. The standard deviation of the mean roster rating received by the respondent (C5ERRSTD) was negatively skewed for the normative sample but was normally distributed for the control sample. The standard deviation of the mean roster rating received by the respondent also had a negative kurtosis for the normative sample, with $78 \%$ scoring between 0.00 and 1.50 . The sample sizes for the items reporting on the roster ratings were quite low for both samples. Analyses such as ttests on these items reported sample sizes as low as 13 for the control sample and as low as 15 for the normative sample. Data for these items should be read with caution.

Finally, both the School Satisfaction scale and the School Interaction scale were normally distributed for both the control and the normative samples.

## VI. Item Means and SDs

Sociometrics Self-Report Items Normative Sample Year 5

| Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C5ESR1 | Self-Report 1: School fun? | 222 | 2.901 | 0.917 | 1.000 | 4.000 |
| C5ESR2 | Self-Report 2: Nice things happen? | 222 | 2.631 | 0.861 | 1.000 | 4.000 |
| C5ESR3r | Reversed-Self-Report 3: Feel unhappy? | 222 | 3.324 | 0.757 | 1.000 | 4.000 |
| C5ESR4 | Self-Report 4: Like your school? | 222 | 3.207 | 0.914 | 1.000 | 4.000 |
| C5ESR5 | Self-Report 5: Kids to play with? | 222 | 3.518 | 0.765 | 1.000 | 4.000 |
| C5ESR6r | Reversed-Self-Report 6: Lonely at school? | 222 | 3.653 | 0.667 | 1.000 | 4.000 |
| C5ESR7r | Reversed-Self-Report 7: Hard to make friends? | 221 | 3.303 | 0.916 | 1.000 | 4.000 |
| C5ESR8 | Self-Report 8: Kids like you? | 222 | 3.126 | 0.831 | 1.000 | 4.000 |
| C5ESR9r | Reversed-Self-Report 9: Kids in class put others down? | 222 | 2.523 | 0.950 | 1.000 | 4.000 |
| C5ESR10 | Self-Report 10: Class is fun place to be? | 222 | 3.104 | 0.899 | 1.000 | 4.000 |
| C5ESR11 | Self-Report 11: Kids in class help each other learn? | 222 | 2.766 | 0.882 | 1.000 | 4.000 |
| C5ESR12r | Reversed-Self-Report 12: Kids in class mean to each other? | 222 | 2.793 | 0.825 | 1.000 | 4.000 |
| C5ESR13 | Self-Report 13: Classmates think I'm a good listener? | 199 | 2.613 | 0.902 | 1.000 | 4.000 |
| C5ESR14 | Self-Report 14: Good at taking turns and sharing things? | 199 | 3.236 | 0.797 | 1.000 | 4.000 |
| C5ESR15 | Self-Report 15: Know how to disagree without starting a fight? | 199 | 2.899 | 0.932 | 1.000 | 4.000 |
| C5ESR16 | Self-Report 16: Good at finding fair ways to solve problems? | 199 | 2.960 | 0.846 | 1.000 | 4.000 |
| C5ESR17 | Self-Report 17: How many times did someone make fun of you? | 198 | 2.460 | 1.300 | 1.000 | 5.000 |
| C5ESR18 | Self-Report 18: How many times did someone leave you out of activity? | 198 | 2.066 | 1.167 | 1.000 | 5.000 |
| C5ESR19 | Self-Report 19: How many times did someone say something mean about you? | 198 | 2.449 | 1.320 | 1.000 | 5.000 |
| C5ESR20 | Self-Report 20: How many times did someone damage or take something of yours? | 198 | 1.904 | 1.151 | 1.000 | 5.000 |
| C5ESR21 | Self-Report 21: How many times did someone threaten to hurt you? | 198 | 1.859 | 1.197 | 1.000 | 5.000 |

Sociometrics Z-Score/Mean Roster Rating Items Normative Sample Year 5

| Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C5EZLMSU | Like Most sum z-score (unlimited) | 250 | 0.0036352 | 0.9547685 | -2.0898993 | 2.6062598 |
| C5EZLLSU | Like Least sum z-score (unlimited) | 250 | 0.0189403 | 0.9532304 | -1.5133960 | 3.4420415 |
| C5EZAGGS | Aggressive sum z-score | 250 | 0.0583485 | 1.0906770 | -0.9553769 | 3.6586077 |
| C5EZWDRS | Withdrawn sum z-score | 250 | -0.0888530 | 0.8295337 | -1.0377490 | 4.6002020 |
| C5EZPROS | Prosocial sum z-score | 250 | -0.0317492 | 0.9545770 | -1.8157505 | 3.7765871 |
| C5EZHYPS | Hyperactive sum z-score | 250 | 0.0582860 | 1.0349364 | -1.0907158 | 3.5091674 |
| C5EZVICS | Victim sum z-score | 250 | -0.0260829 | 1.0014100 | -1.5585387 | 4.3634246 |
| C5EZPRFU | Social Preference diff z-score (unlimited) | 250 | -0.0096697 | 0.9464138 | -2.8388882 | 1.9290085 |
| C5EZSIMU | Social Impact diff z-score (unlimited) | 250 | 0.0215908 | 1.0460242 | -2.7197811 | 3.1154850 |
| C5EGLLSU | Like Least z-score by sex (unlimited) | 250 | 0.0333000 | 0.9691877 | -1.4490217 | 2.8632281 |
| C5EGLMSU | Like Most z-score by sex (unlimited) | 250 | -0.0082452 | 0.9524627 | -2.0016019 | 2.1328616 |
| C5EGAGGS | Aggressive z-score by sex | 250 | 0.0228118 | 0.9944447 | -1.5443706 | 3.4346314 |
| C5EGHYPS | Hyperactivity z-score by sex | 250 | 0.0700418 | 1.0513497 | -1.5275252 | 3.4038707 |
| C5EGPROS | Prosocial z-score by sex | 250 | -0.0267834 | 0.9479684 | -2.0225996 | 3.1448721 |
| C5EGVICS | Victim z-score by sex | 250 | -0.0385752 | 0.9614031 | -1.6664102 | 3.5977449 |
| C5EGWDRS | Withdrawn z-score by sex | 250 | -0.1134307 | 0.7954810 | -1.1337898 | 3.7407843 |
| C5EGPRFU | Social Preference z-score by sex (unlimited) | 250 | -0.0267130 | 0.9891155 | -2.4754180 | 1.9845113 |
| C5EGSIMU | Social Impact z-score by sex (unlimited) | 250 | 0.0236453 | 1.0401413 | -2.7007421 | 3.2375016 |
| C5ERRGIV | Mean Roster Rtg Given by respondent | 23 | 2.2938668 | 0.5044408 | 1.0909091 | 3.1500000 |
| C5ERRREC | Mean Roster Rtg Received by respondent | 32 | 2.5165097 | 0.7459241 | 1.0000000 | 4.3333333 |
| C5ERRSTD | Std Dev of mean Roster Rtg Received | 32 | 1.2057652 | 0.3318227 | 0 | 1.6528842 |

Sociometrics Subscales Normative Sample Year 5

| Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| SCM5SCS | School Satisfaction - Sociometrics Yr5 | 222 | 48.646 | 6.702 | 26.000 | 62.000 |
| SCM5INT | School Interactions - Sociometrics Yr5 | 198 | 10.737 | 4.169 | 5.000 | 24.000 |

## Sociometrics Z-Score/Mean Roster Rating Items Control Sample Year 5

| Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C5ESR1 | Self-Report 1: School fun? | 84 | 2.798 | 1.050 | 1.000 | 4.000 |
| C5ESR2 | Self-Report 2: Nice things happen? | 84 | 2.595 | 0.907 | 1.000 | 4.000 |
| C5ESR3r | Reversed-Self-Report 3: Feel unhappy? | 84 | 3.214 | 0.762 | 1.000 | 4.000 |
| C5ESR4 | Self-Report 4: Like your school? | 84 | 3.143 | 1.020 | 1.000 | 4.000 |
| C5ESR5 | Self-Report 5: Kids to play with? | 84 | 3.333 | 0.923 | 1.000 | 4.000 |
| C5ESR6r | Reversed-Self-Report 6: Lonely at school? | 84 | 3.560 | 0.665 | 1.000 | 4.000 |
| C5ESR7r | Reversed-Self-Report 7: Hard to make friends? | 83 | 3.253 | 0.853 | 1.000 | 4.000 |
| C5ESR8 | Self-Report 8: Kids like you? | 84 | 2.881 | 0.884 | 1.000 | 4.000 |
| C5ESR9r | Reversed-Self-Report 9: Kids in class put others down? | 84 | 2.321 | 1.032 | 1.000 | 4.000 |
| C5ESR10 | Self-Report 10: Class is fun place to be? | 84 | 3.048 | 1.017 | 1.000 | 4.000 |
| C5ESR11 | Self-Report 11: Kids in class help each other learn? | 84 | 2.762 | 1.037 | 1.000 | 4.000 |
| C5ESR12r | Reversed-Self-Report 12: Kids in class mean to each other? | 84 | 2.619 | 0.904 | 1.000 | 4.000 |
| C5ESR13 | Self-Report 13: Classmates think I'm a good listener? | 71 | 2.451 | 0.938 | 1.000 | 4.000 |
| C5ESR14 | Self-Report 14: Good at taking turns and sharing things? | 70 | 3.071 | 0.857 | 1.000 | 4.000 |
| C5ESR15 | Self-Report 15: Know how to disagree without starting a fight? | 71 | 2.662 | 1.013 | 1.000 | 4.000 |
| C5ESR16 | Self-Report 16: Good at finding fair ways to solve problems? | 71 | 2.859 | 0.930 | 1.000 | 4.000 |
| C5ESR17 | Self-Report 17: How many times did someone make fun of you? | 71 | 2.775 | 1.333 | 1.000 | 5.000 |
| C5ESR18 | Self-Report 18: How many times did someone leave you out of activity? | 71 | 2.211 | 1.286 | 1.000 | 5.000 |
| C5ESR19 | Self-Report 19: How many times did someone say something mean about you? | 71 | 2.521 | 1.372 | 1.000 | 5.000 |
| C5ESR20 | Self-Report 20: How many times did someone damage or take something of yours? | 71 | 1.887 | 1.202 | 1.000 | 5.000 |
| C5ESR21 | Self-Report 21: How many times did someone threaten to hurt you? | 71 | 2.127 | 1.230 | 1.000 | 5.000 |

## Sociometrics Self-Report Items Control Sample Year 5

| Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C5EZLMSU | Like Most sum z-score (unlimited) | 91 | -0.4918153 | 0.8540041 | -2.1483886 | 1.9982224 |
| C5EZLLSU | Like Least sum z-score (unlimited) | 91 | 0.6732807 | 1.0048344 | -1.2411536 | 3.1051856 |
| C5EZAGGS | Aggressive sum z-score | 91 | 0.9050985 | 1.3883456 | -0.9253698 | 4.0360672 |
| C5EZWDRS | Withdrawn sum z-score | 91 | -0.3260394 | 0.4995051 | -1.2098731 | 1.5015085 |
| C5EZPROS | Prosocial sum z-score | 91 | -0.4985473 | 0.6006762 | -1.6264219 | 1.9575887 |
| C5EZHYPS | Hyperactive sum z-score | 91 | 0.8071673 | 1.1966372 | -1.0000000 | 3.9323797 |
| C5EZVICS | Victim sum z-score | 91 | 0.3472547 | 1.1240665 | -1.0742535 | 3.4849822 |
| C5EZPRFU | Social Preference diff z-score (unlimited) | 91 | -0.6928495 | 0.9291071 | -2.5421159 | 1.4312088 |
| C5EZSIMU | Social Impact diff z-score (unlimited) | 91 | 0.1868711 | 1.0082640 | -2.1881739 | 2.7198027 |
| C5EGLLSU | Like Least z-score by sex (unlimited) | 91 | 0.5612484 | 0.9364384 | -1.1073894 | 2.8632281 |
| C5EGLMSU | Like Most z-score by sex (unlimited) | 91 | -0.4403209 | 0.8135533 | -1.7568281 | 1.6020820 |
| C5EGAGGS | Aggressive z-score by sex | 91 | 0.6598307 | 1.1502815 | -1.1731922 | 3.4346314 |
| C5EGHYPS | Hyperactivity z-score by sex | 91 | 0.6445119 | 1.1329199 | -1.1192939 | 3.4038707 |
| C5EGPROS | Prosocial z-score by sex | 91 | -0.4042056 | 0.6462441 | -1.6088648 | 1.7773514 |
| C5EGVICS | Victim z-score by sex | 91 | 0.3964378 | 1.0686825 | -1.4200939 | 2.8348866 |
| C5EGWDRS | Withdrawn z-score by sex | 91 | -0.1760921 | 0.7375626 | -1.0444659 | 2.3895034 |
| C5EGPRFU | Social Preference z-score by sex (unlimited) | 91 | -0.6111786 | 0.9225092 | -2.4754180 | 1.2055183 |
| C5EGSIMU | Social Impact z-score by sex (unlimited) | 91 | 0.1322713 | 0.8962141 | -2.4627027 | 2.4081108 |
| C5ERRGIV | Mean Roster Rtg Given by respondent | 13 | 2.3947904 | 0.5477907 | 1.4285714 | 3.1500000 |
| C5ERRREC | Mean Roster Rtg Received by respondent | 18 | 3.0750839 | 0.7172181 | 2.1250000 | 4.3333333 |
| C5ERRSTD | Std Dev of mean Roster Rtg Received | 18 | 1.3241461 | 0.2116609 | 1.0298573 | 1.6363917 |

Sociometrics Subscales Control Sample Year 5

| Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| SCM5SCS | School Satisfaction - Sociometrics Yr5 | 84 | 46.702 | 7.658 | 26.000 | 61.000 |
| SCM5INT | School Interactions - Sociometrics Yr5 | 71 | 11.521 | 4.289 | 5.000 | 24.000 |

## VII. Item Correlations

Sociometrics Self-Report Items Report Sample Year 5

| Pearson Correlation Coefficients, $\mathbf{N}=233$ Prob > \|r| under H0: Rho=0 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | C5ESR1 | C5ESR2 | C5ESR3r | C5ESR4 | C5ESR5 | C5ESR6r | C5ESR7r | C5ESR8 | C5ESR9r |
| C5ESR1 <br> Self-Report 1: School fun? | 1.000 | $\begin{aligned} & 0.267 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.155 \\ & 0.018 \end{aligned}$ | $\begin{aligned} & 0.452 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.101 \\ & 0.123 \end{aligned}$ | $\begin{aligned} & 0.088 \\ & 0.179 \end{aligned}$ | $\begin{aligned} & 0.003 \\ & 0.962 \end{aligned}$ | $\begin{aligned} & 0.190 \\ & 0.004 \end{aligned}$ | $\begin{array}{r} -0.041 \\ 0.536 \end{array}$ |
| C5ESR2 <br> Self-Report 2: Nice things happen? | $\begin{aligned} & 0.267 \\ & 0.000 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.305 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.307 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.322 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.157 \\ & 0.016 \end{aligned}$ | $\begin{aligned} & 0.064 \\ & 0.329 \end{aligned}$ | $\begin{aligned} & 0.540 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.154 \\ & 0.019 \end{aligned}$ |
| C5ESR3r <br> Reversed-Self-Report 3: Feel unhappy? | $\begin{aligned} & 0.155 \\ & 0.018 \end{aligned}$ | $\begin{aligned} & 0.305 \\ & 0.000 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.197 \\ & 0.003 \end{aligned}$ | $\begin{aligned} & 0.168 \\ & 0.010 \end{aligned}$ | $\begin{aligned} & 0.253 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.169 \\ & 0.010 \end{aligned}$ | $\begin{aligned} & 0.213 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.143 \\ & 0.029 \end{aligned}$ |
| C5ESR4 <br> Self-Report 4: Like your school? | $\begin{aligned} & 0.452 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.307 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.197 \\ & 0.003 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.135 \\ & 0.039 \end{aligned}$ | $\begin{aligned} & 0.061 \\ & 0.351 \end{aligned}$ | $\begin{aligned} & 0.033 \\ & 0.614 \end{aligned}$ | $\begin{aligned} & 0.160 \\ & 0.014 \end{aligned}$ | $\begin{aligned} & 0.055 \\ & 0.402 \end{aligned}$ |
| C5ESR5 <br> Self-Report 5: Kids to play with? | $\begin{aligned} & 0.101 \\ & 0.123 \end{aligned}$ | $\begin{aligned} & 0.322 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.168 \\ & 0.010 \end{aligned}$ | $\begin{aligned} & 0.135 \\ & 0.039 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.269 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.252 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.443 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.168 \\ & 0.010 \end{aligned}$ |
| C5ESR6r <br> Reversed-Self-Report 6: Lonely at school? | $\begin{aligned} & 0.088 \\ & 0.179 \end{aligned}$ | $\begin{aligned} & 0.157 \\ & 0.016 \end{aligned}$ | $\begin{aligned} & 0.253 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.061 \\ & 0.351 \end{aligned}$ | $\begin{aligned} & 0.269 \\ & 0.000 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.328 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.265 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.127 \\ & 0.052 \end{aligned}$ |
| C5ESR7r <br> Reversed-Self-Report 7: Hard to make friends? | $\begin{aligned} & 0.003 \\ & 0.962 \end{aligned}$ | $\begin{aligned} & 0.064 \\ & 0.329 \end{aligned}$ | $\begin{aligned} & 0.169 \\ & 0.010 \end{aligned}$ | $\begin{aligned} & 0.033 \\ & 0.614 \end{aligned}$ | $\begin{aligned} & 0.252 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.328 \\ & 0.000 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.195 \\ & 0.003 \end{aligned}$ | $\begin{aligned} & 0.140 \\ & 0.033 \end{aligned}$ |
| C5ESR8 <br> Self-Report 8: Kids like you? | $\begin{aligned} & 0.190 \\ & 0.004 \end{aligned}$ | $\begin{aligned} & 0.540 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.213 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.160 \\ & 0.014 \end{aligned}$ | $\begin{aligned} & 0.443 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.265 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.195 \\ & 0.003 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.137 \\ & 0.036 \end{aligned}$ |
| C5ESR9r <br> Reversed-Self-Report 9: Kids in class put others down? | $\begin{array}{r} -0.041 \\ 0.536 \end{array}$ | $\begin{aligned} & 0.154 \\ & 0.019 \end{aligned}$ | $\begin{aligned} & 0.143 \\ & 0.029 \end{aligned}$ | $\begin{aligned} & 0.055 \\ & 0.402 \end{aligned}$ | $\begin{aligned} & 0.168 \\ & 0.010 \end{aligned}$ | $\begin{aligned} & 0.127 \\ & 0.052 \end{aligned}$ | $\begin{aligned} & 0.140 \\ & 0.033 \end{aligned}$ | $\begin{aligned} & 0.137 \\ & 0.036 \end{aligned}$ | 1.000 |
| C5ESR10 <br> Self-Report 10: Class is fun place to be? | $\begin{aligned} & 0.478 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.309 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.182 \\ & 0.005 \end{aligned}$ | $\begin{aligned} & 0.345 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.308 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.040 \\ & 0.543 \end{aligned}$ | $\begin{aligned} & 0.125 \\ & 0.057 \end{aligned}$ | $\begin{aligned} & 0.329 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.056 \\ & 0.399 \end{aligned}$ |
| C5ESR11 <br> Self-Report 11: Kids in class help each other learn? | $\begin{aligned} & 0.215 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.349 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.101 \\ & 0.123 \end{aligned}$ | $\begin{aligned} & 0.288 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.294 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.100 \\ & 0.129 \end{aligned}$ | $\begin{aligned} & 0.063 \\ & 0.336 \end{aligned}$ | $\begin{aligned} & 0.232 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.198 \\ & 0.002 \end{aligned}$ |
| C5ESR12r <br> Reversed-Self-Report 12: Kids in class mean to each other? | $\begin{aligned} & 0.063 \\ & 0.338 \end{aligned}$ | $\begin{aligned} & 0.259 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.250 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.264 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.214 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.137 \\ & 0.037 \end{aligned}$ | $\begin{aligned} & 0.218 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.103 \\ & 0.118 \end{aligned}$ | $\begin{aligned} & 0.456 \\ & 0.000 \end{aligned}$ |
| C5ESR13 <br> Self-Report 13: Classmates think I'm a good listener? | $\begin{aligned} & 0.305 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.432 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.158 \\ & 0.016 \end{aligned}$ | $\begin{aligned} & 0.269 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.251 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.039 \\ & 0.550 \end{aligned}$ | $\begin{aligned} & 0.028 \\ & 0.672 \end{aligned}$ | $\begin{aligned} & 0.407 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.093 \\ & 0.155 \end{aligned}$ |
| C5ESR14 <br> Self-Report 14: Good at taking turns and sharing things? | $\begin{aligned} & 0.282 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.228 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.215 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.263 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.241 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.108 \\ & 0.100 \end{aligned}$ | $\begin{aligned} & 0.073 \\ & 0.269 \end{aligned}$ | $\begin{aligned} & 0.220 \\ & 0.001 \end{aligned}$ | $\begin{array}{r} -0.019 \\ 0.776 \end{array}$ |
| C5ESR15 <br> Self-Report 15: Know how to disagree without starting a fight? | $\begin{aligned} & 0.227 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.392 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.224 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.186 \\ & 0.004 \end{aligned}$ | $\begin{aligned} & 0.189 \\ & 0.004 \end{aligned}$ | $\begin{aligned} & 0.061 \\ & 0.350 \end{aligned}$ | $\begin{aligned} & 0.058 \\ & 0.380 \end{aligned}$ | $\begin{aligned} & 0.303 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.101 \\ & 0.123 \end{aligned}$ |
| C5ESR16 <br> Self-Report 16: Good at finding fair ways to solve problems? | $\begin{aligned} & 0.306 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.238 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.137 \\ & 0.036 \end{aligned}$ | $\begin{aligned} & 0.272 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.191 \\ & 0.003 \end{aligned}$ | $\begin{aligned} & 0.070 \\ & 0.287 \end{aligned}$ | $\begin{aligned} & 0.021 \\ & 0.749 \end{aligned}$ | $\begin{aligned} & 0.279 \\ & 0.000 \end{aligned}$ | $\begin{array}{r} -0.081 \\ 0.219 \end{array}$ |


| Pearson Correlation Coefficients, $\mathrm{N}=233$ Prob > \|r| under H0: Rho=0 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | C5ESR1 | C5ESR2 | C5ESR3r | C5ESR4 | C5ESR5 | C5ESR6r | C5ESR7r | C5ESR8 | C5ESR9r |
| C5ESR17 <br> Self-Report 17: How many times did someone make fun of you? | $\begin{array}{r} -0.105 \\ 0.110 \end{array}$ | $\begin{array}{r} -0.154 \\ 0.019 \end{array}$ | $\begin{array}{r} -0.212 \\ 0.001 \end{array}$ | $\begin{array}{r} -0.062 \\ 0.343 \end{array}$ | $\begin{array}{r} -0.325 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.277 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.278 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.262 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.150 \\ 0.022 \end{array}$ |
| C5ESR18 <br> Self-Report 18: How many times did someone leave you out of activity? | $\begin{array}{r} -0.012 \\ 0.860 \end{array}$ | $\begin{array}{r} -0.124 \\ 0.060 \end{array}$ | $\begin{array}{r} -0.085 \\ 0.198 \end{array}$ | $\begin{aligned} & 0.015 \\ & 0.818 \end{aligned}$ | $\begin{array}{r} -0.274 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.277 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.189 \\ 0.004 \end{array}$ | $\begin{array}{r} -0.268 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.191 \\ 0.004 \end{array}$ |
| C5ESR19 <br> Self-Report 19: How many times did someone say something mean about you? | $\begin{array}{r} -0.105 \\ 0.111 \end{array}$ | $\begin{array}{r} -0.329 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.301 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.185 \\ 0.005 \end{array}$ | $\begin{array}{r} -0.260 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.274 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.279 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.269 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.165 \\ 0.012 \end{array}$ |
| C5ESR20 <br> Self-Report 20: How many times did someone damage or take something of yours? | $\begin{array}{r} -0.068 \\ 0.300 \end{array}$ | $\begin{array}{r} -0.025 \\ 0.700 \end{array}$ | $\begin{array}{r} -0.137 \\ 0.036 \end{array}$ | $\begin{array}{r} -0.062 \\ 0.342 \end{array}$ | $\begin{array}{r} -0.028 \\ 0.669 \end{array}$ | $\begin{array}{r} -0.055 \\ 0.404 \end{array}$ | $\begin{array}{r} -0.265 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.031 \\ 0.637 \end{array}$ | $\begin{array}{r} -0.175 \\ 0.007 \end{array}$ |
| C5ESR21 <br> Self-Report 21: How many times did someone threaten to hurt you? | $\begin{array}{r} -0.070 \\ 0.288 \end{array}$ | $\begin{array}{r} -0.107 \\ 0.103 \end{array}$ | $\begin{array}{r} -0.194 \\ 0.003 \end{array}$ | $\begin{array}{r} -0.066 \\ 0.319 \end{array}$ | $\begin{array}{r} -0.191 \\ 0.003 \end{array}$ | $\begin{array}{r} -0.213 \\ 0.001 \end{array}$ | $\begin{array}{r} -0.239 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.235 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.157 \\ 0.016 \end{array}$ |


| Pearson Correlation Coefficients, $\mathbf{N}=233$ Prob > \|r| under H0: Rho=0 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | C5ESR10 | C5ESR11 | C5ESR12r | C5ESR13 | C5ESR14 | C5ESR15 | C5ESR16 | C5ESR17 | C5ESR18 |
| C5ESR1 <br> Self-Report 1: School fun? | $\begin{aligned} & 0.478 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.215 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.063 \\ & 0.338 \end{aligned}$ | $\begin{aligned} & 0.305 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.282 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.227 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.306 \\ & 0.000 \end{aligned}$ | $\begin{array}{r} -0.105 \\ 0.110 \end{array}$ | $\begin{array}{r} -0.012 \\ 0.860 \end{array}$ |
| C5ESR2 <br> Self-Report 2: Nice things happen? | $\begin{aligned} & 0.309 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.349 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.259 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.432 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.228 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.392 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.238 \\ & 0.000 \end{aligned}$ | $\begin{array}{r} -0.154 \\ 0.019 \end{array}$ | $\begin{array}{r} -0.124 \\ 0.060 \end{array}$ |
| C5ESR3r <br> Reversed-Self-Report 3: Feel unhappy? | $\begin{aligned} & 0.182 \\ & 0.005 \end{aligned}$ | $\begin{aligned} & 0.101 \\ & 0.123 \end{aligned}$ | $\begin{aligned} & 0.250 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.158 \\ & 0.016 \end{aligned}$ | $\begin{aligned} & 0.215 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.224 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.137 \\ & 0.036 \end{aligned}$ | $\begin{array}{r} -0.212 \\ 0.001 \end{array}$ | $\begin{array}{r} -0.085 \\ 0.198 \end{array}$ |
| C5ESR4 <br> Self-Report 4: Like your school? | $\begin{aligned} & 0.345 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.288 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.264 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.269 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.263 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.186 \\ & 0.004 \end{aligned}$ | $\begin{aligned} & 0.272 \\ & 0.000 \end{aligned}$ | $\begin{array}{r} -0.062 \\ 0.343 \end{array}$ | $\begin{aligned} & 0.015 \\ & 0.818 \end{aligned}$ |
| C5ESR5 <br> Self-Report 5: Kids to play with? | $\begin{aligned} & 0.308 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.294 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.214 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.251 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.241 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.189 \\ & 0.004 \end{aligned}$ | $\begin{aligned} & 0.191 \\ & 0.003 \end{aligned}$ | $\begin{array}{r} -0.325 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.274 \\ 0.000 \end{array}$ |
| C5ESR6r <br> Reversed-Self-Report 6: Lonely at school? | $\begin{aligned} & 0.040 \\ & 0.543 \end{aligned}$ | $\begin{aligned} & 0.100 \\ & 0.129 \end{aligned}$ | $\begin{aligned} & 0.137 \\ & 0.037 \end{aligned}$ | $\begin{aligned} & 0.039 \\ & 0.550 \end{aligned}$ | $\begin{aligned} & 0.108 \\ & 0.100 \end{aligned}$ | $\begin{aligned} & 0.061 \\ & 0.350 \end{aligned}$ | $\begin{aligned} & 0.070 \\ & 0.287 \end{aligned}$ | $\begin{array}{r} -0.277 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.277 \\ 0.000 \end{array}$ |
| C5ESR7r <br> Reversed-Self-Report 7: Hard to make friends? | $\begin{aligned} & 0.125 \\ & 0.057 \end{aligned}$ | $\begin{aligned} & 0.063 \\ & 0.336 \end{aligned}$ | $\begin{aligned} & 0.218 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.028 \\ & 0.672 \end{aligned}$ | $\begin{aligned} & 0.073 \\ & 0.269 \end{aligned}$ | $\begin{aligned} & 0.058 \\ & 0.380 \end{aligned}$ | $\begin{aligned} & 0.021 \\ & 0.749 \end{aligned}$ | $\begin{array}{r} -0.278 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.189 \\ 0.004 \end{array}$ |
| C5ESR8 <br> Self-Report 8: Kids like you? | $\begin{aligned} & 0.329 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.232 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.103 \\ & 0.118 \end{aligned}$ | $\begin{aligned} & 0.407 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.220 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.303 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.279 \\ & 0.000 \end{aligned}$ | $\begin{array}{r} -0.262 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.268 \\ 0.000 \end{array}$ |
| C5ESR9r <br> Reversed-Self-Report 9: Kids in class put others down? | $\begin{aligned} & 0.056 \\ & 0.399 \end{aligned}$ | $\begin{aligned} & 0.198 \\ & 0.002 \end{aligned}$ | $\begin{aligned} & 0.456 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.093 \\ & 0.155 \end{aligned}$ | $\begin{array}{r} -0.019 \\ 0.776 \end{array}$ | $\begin{aligned} & 0.101 \\ & 0.123 \end{aligned}$ | $\begin{array}{r} -0.081 \\ 0.219 \end{array}$ | $\begin{array}{r} -0.150 \\ 0.022 \end{array}$ | $\begin{array}{r} -0.191 \\ 0.004 \end{array}$ |
| C5ESR10 <br> Self-Report 10: Class is fun place to be? | 1.000 | $\begin{aligned} & 0.310 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.064 \\ & 0.334 \end{aligned}$ | $\begin{aligned} & 0.314 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.264 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.207 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.239 \\ & 0.000 \end{aligned}$ | $\begin{array}{r} -0.076 \\ 0.248 \end{array}$ | $\begin{aligned} & 0.046 \\ & 0.485 \end{aligned}$ |


| Pearson Correlation Coefficients, $\mathbf{N}=233$ Prob > \|r| under H0: Rho=0 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | C5ESR10 | C5ESR11 | C5ESR12r | C5ESR13 | C5ESR14 | C5ESR15 | C5ESR16 | C5ESR17 | C5ESR18 |
| C5ESR11 <br> Self-Report 11: Kids in class help each other learn? | $\begin{aligned} & 0.310 \\ & 0.000 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.224 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.283 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.130 \\ & 0.047 \end{aligned}$ | $\begin{aligned} & 0.147 \\ & 0.025 \end{aligned}$ | $\begin{aligned} & 0.146 \\ & 0.026 \end{aligned}$ | $\begin{array}{r} -0.138 \\ 0.035 \end{array}$ | $\begin{array}{r} -0.036 \\ 0.587 \end{array}$ |
| C5ESR12r <br> Reversed-Self-Report 12: Kids in class mean to each other? | $\begin{aligned} & 0.064 \\ & 0.334 \end{aligned}$ | $\begin{aligned} & 0.224 \\ & 0.001 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.206 \\ & 0.002 \end{aligned}$ | $\begin{aligned} & 0.064 \\ & 0.332 \end{aligned}$ | $\begin{aligned} & 0.149 \\ & 0.023 \end{aligned}$ | $\begin{aligned} & 0.139 \\ & 0.034 \end{aligned}$ | $\begin{array}{r} -0.231 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.191 \\ 0.003 \end{array}$ |
| C5ESR13 <br> Self-Report 13: Classmates think I'm a good listener? | $\begin{aligned} & 0.314 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.283 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.206 \\ & 0.002 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.232 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.306 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.314 \\ & 0.000 \end{aligned}$ | $\begin{array}{r} -0.182 \\ 0.005 \end{array}$ | $\begin{array}{r} -0.137 \\ 0.037 \end{array}$ |
| C5ESR14 <br> Self-Report 14: Good at taking turns and sharing things? | $\begin{aligned} & 0.264 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.130 \\ & 0.047 \end{aligned}$ | $\begin{aligned} & 0.064 \\ & 0.332 \end{aligned}$ | $\begin{aligned} & 0.232 \\ & 0.000 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.156 \\ & 0.017 \end{aligned}$ | $\begin{aligned} & 0.355 \\ & 0.000 \end{aligned}$ | $\begin{array}{r} -0.142 \\ 0.031 \end{array}$ | $\begin{array}{r} -0.091 \\ 0.168 \end{array}$ |
| C5ESR15 <br> Self-Report 15: Know how to disagree without starting a fight? | $\begin{aligned} & 0.207 \\ & 0.001 \end{aligned}$ | $\begin{aligned} & 0.147 \\ & 0.025 \end{aligned}$ | $\begin{aligned} & 0.149 \\ & 0.023 \end{aligned}$ | $\begin{aligned} & 0.306 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.156 \\ & 0.017 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.259 \\ & 0.000 \end{aligned}$ | $\begin{array}{r} -0.155 \\ 0.018 \end{array}$ | $\begin{array}{r} -0.025 \\ 0.706 \end{array}$ |
| C5ESR16 <br> Self-Report 16: Good at finding fair ways to solve problems? | $\begin{aligned} & 0.239 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.146 \\ & 0.026 \end{aligned}$ | $\begin{aligned} & 0.139 \\ & 0.034 \end{aligned}$ | $\begin{aligned} & 0.314 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.355 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.259 \\ & 0.000 \end{aligned}$ | 1.000 | $\begin{array}{r} -0.107 \\ 0.104 \end{array}$ | $\begin{array}{r} -0.170 \\ 0.009 \end{array}$ |
| C5ESR17 <br> Self-Report 17: How many times did someone make fun of you? | $\begin{array}{r} -0.076 \\ 0.248 \end{array}$ | $\begin{array}{r} -0.138 \\ 0.035 \end{array}$ | $\begin{array}{r} -0.231 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.182 \\ 0.005 \end{array}$ | $\begin{array}{r} -0.142 \\ 0.031 \end{array}$ | $\begin{array}{r} -0.155 \\ 0.018 \end{array}$ | $\begin{array}{r} -0.107 \\ 0.104 \end{array}$ | 1.000 | $\begin{aligned} & 0.309 \\ & 0.000 \end{aligned}$ |
| C5ESR18 <br> Self-Report 18: How many times did someone leave you out of activity? | $\begin{aligned} & 0.046 \\ & 0.485 \end{aligned}$ | $\begin{array}{r} -0.036 \\ 0.587 \end{array}$ | $\begin{array}{r} -0.191 \\ 0.003 \end{array}$ | $\begin{array}{r} -0.137 \\ 0.037 \end{array}$ | $\begin{array}{r} -0.091 \\ 0.168 \end{array}$ | $\begin{array}{r} -0.025 \\ 0.706 \end{array}$ | $\begin{array}{r} -0.170 \\ 0.009 \end{array}$ | $\begin{aligned} & 0.309 \\ & 0.000 \end{aligned}$ | 1.000 |
| C5ESR19 <br> Self-Report 19: How many times did someone say something mean about you? | $\begin{array}{r} -0.154 \\ 0.019 \end{array}$ | $\begin{array}{r} -0.228 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.218 \\ 0.001 \end{array}$ | $\begin{array}{r} -0.229 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.251 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.157 \\ 0.016 \end{array}$ | $\begin{array}{r} -0.125 \\ 0.056 \end{array}$ | $\begin{aligned} & 0.443 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.260 \\ & 0.000 \end{aligned}$ |
| C5ESR20 <br> Self-Report 20: How many times did someone damage or take something of yours? | $\begin{array}{r} -0.026 \\ 0.691 \end{array}$ | $\begin{array}{r} -0.027 \\ 0.678 \end{array}$ | $\begin{array}{r} -0.221 \\ 0.001 \end{array}$ | $\begin{array}{r} -0.040 \\ 0.546 \end{array}$ | $\begin{array}{r} -0.013 \\ 0.849 \end{array}$ | $\begin{aligned} & 0.016 \\ & 0.812 \end{aligned}$ | $\begin{aligned} & 0.102 \\ & 0.120 \end{aligned}$ | $\begin{aligned} & 0.254 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.171 \\ & 0.009 \end{aligned}$ |
| C5ESR21 <br> Self-Report 21: How many times did someone threaten to hurt you? | $\begin{array}{r} -0.096 \\ 0.145 \end{array}$ | $\begin{array}{r} -0.136 \\ 0.039 \end{array}$ | $\begin{array}{r} -0.096 \\ 0.143 \end{array}$ | $\begin{array}{r} -0.151 \\ 0.021 \end{array}$ | $\begin{array}{r} -0.090 \\ 0.169 \end{array}$ | $\begin{array}{r} -0.043 \\ 0.515 \end{array}$ | $\begin{array}{r} -0.050 \\ 0.444 \end{array}$ | $\begin{aligned} & 0.398 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.310 \\ & 0.000 \end{aligned}$ |


| Pearson Correlation Coefficients, $\mathbf{N}=233$ Prob > \|r| under H0: Rho=0 |  |  |  |
| :---: | :---: | :---: | :---: |
|  | C5ESR19 | C5ESR20 | C5ESR21 |
| C5ESR1 <br> Self-Report 1: School fun? | $\begin{array}{r} -0.105 \\ 0.111 \end{array}$ | $\begin{array}{r} -0.068 \\ 0.300 \end{array}$ | $\begin{array}{r} -0.070 \\ 0.288 \end{array}$ |
| C5ESR2 <br> Self-Report 2: Nice things happen? | $\begin{array}{r} -0.329 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.025 \\ 0.700 \end{array}$ | $\begin{array}{r} -0.107 \\ 0.103 \end{array}$ |
| C5ESR3r <br> Reversed-Self-Report 3: Feel unhappy? | $\begin{array}{r} -0.301 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.137 \\ 0.036 \end{array}$ | $\begin{array}{r} -0.194 \\ 0.003 \end{array}$ |
| C5ESR4 <br> Self-Report 4: Like your school? | $\begin{array}{r} -0.185 \\ 0.005 \end{array}$ | $\begin{array}{r} -0.062 \\ 0.342 \end{array}$ | $\begin{array}{r} -0.066 \\ 0.319 \end{array}$ |


| Pearson Correlation Coefficients, $\mathbf{N}=233$ Prob > \|r| under H0: Rho=0 |  |  |  |
| :---: | :---: | :---: | :---: |
|  | C5ESR19 | C5ESR20 | C5ESR21 |
| C5ESR5 <br> Self-Report 5: Kids to play with? | $\begin{array}{r} -0.260 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.028 \\ 0.669 \end{array}$ | $\begin{array}{r} -0.191 \\ 0.003 \end{array}$ |
| C5ESR6r Reversed-Self-Report 6: Lonely at school? | $\begin{array}{r} -0.274 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.055 \\ 0.404 \end{array}$ | $\begin{array}{r} -0.213 \\ 0.001 \end{array}$ |
| C5ESR7r <br> Reversed-Self-Report 7: Hard to make friends? | $\begin{array}{r} -0.279 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.265 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.239 \\ 0.000 \end{array}$ |
| C5ESR8 <br> Self-Report 8: Kids like you? | $\begin{array}{r} -0.269 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.031 \\ 0.637 \end{array}$ | $\begin{array}{r} -0.235 \\ 0.000 \end{array}$ |
| C5ESR9r <br> Reversed-Self-Report 9: Kids in class put others down? | $\begin{array}{r} -0.165 \\ 0.012 \end{array}$ | $\begin{array}{r} -0.175 \\ 0.007 \end{array}$ | $\begin{array}{r} -0.157 \\ 0.016 \end{array}$ |
| C5ESR10 <br> Self-Report 10: Class is fun place to be? | $\begin{array}{r} -0.154 \\ 0.019 \end{array}$ | $\begin{array}{r} -0.026 \\ 0.691 \end{array}$ | $\begin{array}{r} -0.096 \\ 0.145 \end{array}$ |
| C5ESR11 <br> Self-Report 11: Kids in class help each other learn? | $\begin{array}{r} -0.228 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.027 \\ 0.678 \end{array}$ | $\begin{array}{r} -0.136 \\ 0.039 \end{array}$ |
| C5ESR12r <br> Reversed-Self-Report 12: Kids in class mean to each other? | $\begin{array}{r} -0.218 \\ 0.001 \end{array}$ | $\begin{array}{r} -0.221 \\ 0.001 \end{array}$ | $\begin{array}{r} -0.096 \\ 0.143 \end{array}$ |
| C5ESR13 <br> Self-Report 13: Classmates think I'm a good listener? | $\begin{array}{r} -0.229 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.040 \\ 0.546 \end{array}$ | $\begin{array}{r} -0.151 \\ 0.021 \end{array}$ |
| C5ESR14 <br> Self-Report 14: Good at taking turns and sharing things? | $\begin{array}{r} -0.251 \\ 0.000 \end{array}$ | $\begin{array}{r} -0.013 \\ 0.849 \end{array}$ | $\begin{array}{r} -0.090 \\ 0.169 \end{array}$ |
| C5ESR15 <br> Self-Report 15: Know how to disagree without starting a fight? | $\begin{array}{r} -0.157 \\ 0.016 \end{array}$ | $\begin{aligned} & 0.016 \\ & 0.812 \end{aligned}$ | $\begin{array}{r} -0.043 \\ 0.515 \end{array}$ |
| C5ESR16 <br> Self-Report 16: Good at finding fair ways to solve problems? | $\begin{array}{r} -0.125 \\ 0.056 \end{array}$ | $\begin{aligned} & 0.102 \\ & 0.120 \end{aligned}$ | $\begin{array}{r} -0.050 \\ 0.444 \end{array}$ |
| C5ESR17 <br> Self-Report 17: How many times did someone make fun of you? | $\begin{aligned} & 0.443 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.254 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.398 \\ & 0.000 \end{aligned}$ |
| C5ESR18 <br> Self-Report 18: How many times did someone leave you out of activity? | $\begin{aligned} & 0.260 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.171 \\ & 0.009 \end{aligned}$ | $\begin{aligned} & 0.310 \\ & 0.000 \end{aligned}$ |
| C5ESR19 <br> Self-Report 19: How many times did someone say something mean about you? | 1.000 | $\begin{aligned} & 0.268 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.384 \\ & 0.000 \end{aligned}$ |


| Pearson Correlation Coefficients, $\mathbf{N}=233$ Prob > \|r| under H0: Rho=0 |  |  |  |
| :---: | :---: | :---: | :---: |
|  | C5ESR19 | C5ESR20 | C5ESR21 |
| C5ESR20 <br> Self-Report 20: How many times did someone damage or take something of yours? | $\begin{aligned} & 0.268 \\ & 0.000 \end{aligned}$ | 1.000 | $\begin{aligned} & 0.250 \\ & 0.000 \end{aligned}$ |
| C5ESR21 <br> Self-Report 21: How many times did someone threaten to hurt you? | $\begin{aligned} & 0.384 \\ & 0.000 \end{aligned}$ | $\begin{aligned} & 0.250 \\ & 0.000 \end{aligned}$ | 1.000 |

Sociometrics Z-Score/Mean Roster Rating Items Report Sample Year 5

| Pearson Correlation Coefficients, $\mathbf{N}=28$ Prob > \|r| under H0: Rho=0 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | C5EZLMSU | C5EZLLSU | C5EZAGGS | C5EZWDRS | C5EZPROS | C5EZHYPS | C5EZVICS |
| C5EZLMSU <br> Like Most sum z-score (unlimited) | 1.00000 | $\begin{array}{r} -0.53026 \\ 0.0037 \end{array}$ | $\begin{array}{r} -0.25557 \\ 0.1893 \end{array}$ | $\begin{array}{r} 0.50978 \\ 0.0056 \end{array}$ | $\begin{array}{r} 0.80675 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.19983 \\ 0.3080 \end{array}$ | $\begin{array}{r} -0.36478 \\ 0.0563 \end{array}$ |
| C5EZLLSU <br> Like Least sum z-score (unlimited) | $\begin{array}{r} -0.53026 \\ 0.0037 \end{array}$ | 1.00000 | $\begin{array}{r} 0.75445 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.53844 \\ 0.0031 \end{array}$ | $\begin{array}{r} -0.64393 \\ 0.0002 \end{array}$ | $\begin{array}{r} 0.64292 \\ 0.0002 \end{array}$ | $\begin{array}{r} 0.30145 \\ 0.1190 \end{array}$ |
| C5EZAGGS <br> Aggressive sum z-score | $\begin{array}{r} -0.25557 \\ 0.1893 \end{array}$ | $\begin{array}{r} 0.75445 \\ <.0001 \end{array}$ | 1.00000 | $\begin{array}{r} -0.38673 \\ 0.0421 \end{array}$ | $\begin{array}{r} -0.40230 \\ 0.0338 \end{array}$ | $\begin{array}{r} 0.80187 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.10543 \\ 0.5934 \end{array}$ |
| C5EZWDRS <br> Withdrawn sum z-score | $\begin{array}{r} 0.50978 \\ 0.0056 \end{array}$ | $\begin{array}{r} \hline-0.53844 \\ 0.0031 \end{array}$ | $\begin{array}{r} -0.38673 \\ 0.0421 \end{array}$ | 1.00000 | $\begin{array}{r} 0.58794 \\ 0.0010 \end{array}$ | $\begin{array}{r} -0.30510 \\ 0.1144 \end{array}$ | $\begin{array}{r} -0.23507 \\ 0.2285 \end{array}$ |
| C5EZPROS <br> Prosocial sum z-score | $\begin{array}{r} 0.80675 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.64393 \\ 0.0002 \end{array}$ | $\begin{array}{r} -0.40230 \\ 0.0338 \end{array}$ | $\begin{array}{r} 0.58794 \\ 0.0010 \end{array}$ | 1.00000 | $\begin{array}{r} -0.31655 \\ 0.1008 \end{array}$ | $\begin{array}{r} -0.33271 \\ 0.0836 \end{array}$ |
| C5EZHYPS <br> Hyperactive sum z-score | $\begin{array}{r} -0.19983 \\ 0.3080 \end{array}$ | $\begin{array}{r} 0.64292 \\ 0.0002 \end{array}$ | $\begin{array}{r} 0.80187 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.30510 \\ 0.1144 \end{array}$ | $\begin{array}{r} -0.31655 \\ 0.1008 \end{array}$ | 1.00000 | $\begin{array}{r} -0.04442 \\ 0.8224 \end{array}$ |
| C5EZVICS <br> Victim sum z-score | $\begin{array}{r} -0.36478 \\ 0.0563 \end{array}$ | $\begin{array}{r} 0.30145 \\ 0.1190 \end{array}$ | $\begin{array}{r} 0.10543 \\ 0.5934 \end{array}$ | $\begin{array}{r} -0.23507 \\ 0.2285 \end{array}$ | $\begin{array}{r} -0.33271 \\ 0.0836 \end{array}$ | $\begin{array}{r} -0.04442 \\ 0.8224 \end{array}$ | 1.00000 |
| C5EZPRFU <br> Social Preference diff z-score (unlimited) | $\begin{array}{r} 0.83149 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.91170 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.62218 \\ 0.0004 \end{array}$ | $\begin{array}{r} \hline 0.60220 \\ 0.0007 \end{array}$ | $\begin{array}{r} 0.81226 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.52125 \\ 0.0045 \end{array}$ | $\begin{array}{r} -0.36955 \\ 0.0529 \end{array}$ |
| C5EZSIMU <br> Social Impact diff z-score (unlimited) | $\begin{array}{r} 0.27288 \\ 0.1600 \end{array}$ | $\begin{array}{r} 0.67013 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.61605 \\ 0.0005 \end{array}$ | $\begin{array}{r} -0.15857 \\ 0.4203 \end{array}$ | $\begin{array}{r} -0.02018 \\ 0.9188 \end{array}$ | $\begin{array}{r} 0.54446 \\ 0.0027 \end{array}$ | $\begin{array}{r} 0.03189 \\ 0.8720 \end{array}$ |
| C5EGLLSU <br> Like Least z-score by sex (unlimited) | $\begin{array}{r} -0.44019 \\ 0.0191 \end{array}$ | $\begin{array}{r} 0.89109 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.63882 \\ 0.0003 \end{array}$ | $\begin{array}{r} -0.44311 \\ 0.0182 \end{array}$ | $\begin{array}{r} -0.52163 \\ 0.0044 \end{array}$ | $\begin{array}{r} 0.48586 \\ 0.0088 \end{array}$ | $\begin{array}{r} 0.37866 \\ 0.0469 \end{array}$ |
| C5EGLMSU <br> Like Most z-score by sex (unlimited) | $\begin{array}{r} 0.96416 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.48483 \\ 0.0089 \end{array}$ | $\begin{array}{r} -0.22137 \\ 0.2576 \end{array}$ | $\begin{array}{r} 0.46709 \\ 0.0122 \end{array}$ | $\begin{array}{r} 0.77573 \\ <.0001 \end{array}$ | $\begin{array}{r} \hline-0.14350 \\ 0.4663 \end{array}$ | $\begin{array}{r} -0.36011 \\ 0.0598 \end{array}$ |
| C5EGAGGS <br> Aggressive z-score by sex | $\begin{array}{r} -0.17450 \\ 0.3745 \end{array}$ | $\begin{array}{r} 0.60165 \\ 0.0007 \end{array}$ | $\begin{array}{r} 0.87359 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.28003 \\ 0.1489 \end{array}$ | $\begin{array}{r} -0.28663 \\ 0.1392 \end{array}$ | $\begin{array}{r} 0.67393 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.16269 \\ 0.4081 \end{array}$ |
| C5EGHYPS <br> Hyperactivity z-score by sex | $\begin{array}{r} 0.01866 \\ 0.9249 \end{array}$ | $\begin{array}{r} 0.34964 \\ 0.0682 \end{array}$ | $\begin{array}{r} 0.61910 \\ 0.0004 \end{array}$ | $\begin{array}{r} -0.08904 \\ 0.6523 \end{array}$ | $\begin{array}{r} -0.10153 \\ 0.6072 \end{array}$ | $\begin{array}{r} 0.84620 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.20037 \\ 0.3066 \end{array}$ |
| C5EGPROS <br> Prosocial z-score by sex | $\begin{array}{r} 0.75627 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.50762 \\ 0.0058 \end{array}$ | $\begin{array}{r} -0.36095 \\ 0.0592 \end{array}$ | $\begin{array}{r} 0.41164 \\ 0.0295 \end{array}$ | $\begin{array}{r} 0.89131 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.35008 \\ 0.0678 \end{array}$ | $\begin{array}{r} -0.23052 \\ 0.2379 \end{array}$ |
| C5EGVICS <br> Victim z-score by sex | $\begin{array}{r} -0.40889 \\ 0.0307 \end{array}$ | $\begin{array}{r} 0.34939 \\ 0.0684 \end{array}$ | $\begin{array}{r} 0.18191 \\ 0.3542 \end{array}$ | $\begin{array}{r} -0.27050 \\ 0.1639 \end{array}$ | $\begin{array}{r} -0.36810 \\ 0.0539 \end{array}$ | $\begin{array}{r} 0.01601 \\ 0.9355 \end{array}$ | $\begin{array}{r} 0.94146 \\ <.0001 \end{array}$ |
| C5EGWDRS <br> Withdrawn z-score by sex | $\begin{array}{r} 0.24504 \\ 0.2088 \end{array}$ | $\begin{array}{r} -0.27325 \\ 0.1595 \end{array}$ | $\begin{array}{r} -0.28293 \\ 0.1446 \end{array}$ | $\begin{array}{r} \hline 0.69460 \\ <.0001 \end{array}$ | $\begin{array}{r} \hline 0.18895 \\ 0.3356 \end{array}$ | $\begin{array}{r} -0.21045 \\ 0.2824 \end{array}$ | $\begin{array}{r} -0.04947 \\ 0.8026 \end{array}$ |
| C5EGPRFU <br> Social Preference z-score by sex (unlimited) | $\begin{array}{r} 0.77814 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.83589 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.54066 \\ 0.0030 \end{array}$ | $\begin{array}{r} 0.53415 \\ 0.0034 \end{array}$ | $\begin{array}{r} 0.73652 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.39797 \\ 0.0360 \end{array}$ | $\begin{array}{r} -0.42947 \\ 0.0226 \end{array}$ |
| C5EGSIMU <br> Social Impact z-score by sex (unlimited) | $\begin{array}{r} 0.33688 \\ 0.0796 \end{array}$ | $\begin{array}{r} 0.53455 \\ 0.0034 \end{array}$ | $\begin{array}{r} 0.47295 \\ 0.0110 \end{array}$ | $\begin{array}{r} -0.07396 \\ 0.7084 \end{array}$ | $\begin{array}{r} 0.09827 \\ 0.6189 \end{array}$ | $\begin{array}{r} 0.38569 \\ 0.0427 \end{array}$ | $\begin{array}{r} 0.10474 \\ 0.5958 \end{array}$ |
| C5ERRGIV <br> Mean Roster Rtg Given by respondent | $\begin{array}{r} -0.19808 \\ 0.3123 \end{array}$ | $\begin{array}{r} 0.14631 \\ 0.4575 \end{array}$ | $\begin{array}{r} 0.14220 \\ 0.4704 \end{array}$ | $\begin{array}{r} -0.19228 \\ 0.3270 \end{array}$ | $\begin{array}{r} -0.19335 \\ 0.3242 \end{array}$ | $\begin{array}{r} -0.04442 \\ 0.8224 \end{array}$ | $\begin{array}{r} 0.10902 \\ 0.5808 \end{array}$ |


| Pearson Correlation Coefficients, $\mathbf{N}=\mathbf{2 8}$ Prob > \|r| under H0: Rho=0 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | C5EZLMSU | C5EZLLSU | C5EZAGGS | C5EZWDRS | C5EZPROS | C5EZHYPS | C5EZVICS |
| C5ERRREC <br> Mean Roster Rtg Received by respondent | $\begin{array}{r} -0.71224 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.80489 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.55474 \\ 0.0022 \end{array}$ | $\begin{array}{r} -0.47727 \\ 0.0102 \end{array}$ | $\begin{array}{r} -0.71653 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.51257 \\ 0.0053 \end{array}$ | $\begin{array}{r} 0.12882 \\ 0.5136 \end{array}$ |
| C5ERRSTD <br> Std Dev of mean Roster Rtg Received | $\begin{array}{r} -0.38313 \\ 0.0442 \end{array}$ | $\begin{array}{r} 0.37172 \\ 0.0514 \end{array}$ | $\begin{array}{r} 0.51726 \\ 0.0048 \end{array}$ | $\begin{array}{r} -0.18058 \\ 0.3578 \end{array}$ | $\begin{array}{r} -0.48952 \\ 0.0082 \end{array}$ | $\begin{array}{r} 0.13286 \\ 0.5003 \end{array}$ | $\begin{array}{r} 0.22835 \\ 0.2425 \end{array}$ |


| Pearson Correlation Coefficients, $\mathbf{N}=28$ Prob > \|r| under H0: Rho=0 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | C5EZPRFU | C5EZSIMU | C5EGLLSU | C5EGLMSU | C5EGAGGS | C5EGHYPS | C5EGPROS |
| C5EZLMSU <br> Like Most sum z-score (unlimited) | $\begin{array}{r} 0.83149 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.27288 \\ 0.1600 \end{array}$ | $\begin{array}{r} -0.44019 \\ 0.0191 \end{array}$ | $\begin{array}{r} 0.96416 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.17450 \\ 0.3745 \end{array}$ | $\begin{array}{r} 0.01866 \\ 0.9249 \end{array}$ | $\begin{array}{r} 0.75627 \\ <.0001 \end{array}$ |
| C5EZLLSU <br> Like Least sum z-score (unlimited) | $\begin{array}{r} -0.91170 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.67013 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.89109 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.48483 \\ 0.0089 \end{array}$ | $\begin{array}{r} 0.60165 \\ 0.0007 \end{array}$ | $\begin{array}{r} 0.34964 \\ 0.0682 \end{array}$ | $\begin{array}{r} -0.50762 \\ 0.0058 \end{array}$ |
| C5EZAGGS <br> Aggressive sum z-score | $\begin{array}{r} -0.62218 \\ 0.0004 \end{array}$ | $\begin{array}{r} 0.61605 \\ 0.0005 \end{array}$ | $\begin{array}{r} 0.63882 \\ 0.0003 \end{array}$ | $\begin{array}{r} -0.22137 \\ 0.2576 \end{array}$ | $\begin{array}{r} 0.87359 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.61910 \\ 0.0004 \end{array}$ | $\begin{array}{r} -0.36095 \\ 0.0592 \end{array}$ |
| C5EZWDRS <br> Withdrawn sum z-score | $\begin{array}{r} 0.60220 \\ 0.0007 \end{array}$ | $\begin{array}{r} -0.15857 \\ 0.4203 \end{array}$ | $\begin{array}{r} -0.44311 \\ 0.0182 \end{array}$ | $\begin{array}{r} 0.46709 \\ 0.0122 \end{array}$ | $\begin{array}{r} -0.28003 \\ 0.1489 \end{array}$ | $\begin{array}{r} -0.08904 \\ 0.6523 \end{array}$ | $\begin{array}{r} 0.41164 \\ 0.0295 \end{array}$ |
| C5EZPROS <br> Prosocial sum z-score | $\begin{array}{r} 0.81226 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.02018 \\ 0.9188 \end{array}$ | $\begin{array}{r} -0.52163 \\ 0.0044 \end{array}$ | $\begin{array}{r} 0.77573 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.28663 \\ 0.1392 \end{array}$ | $\begin{array}{r} -0.10153 \\ 0.6072 \end{array}$ | $\begin{array}{r} 0.89131 \\ <.0001 \end{array}$ |
| C5EZHYPS <br> Hyperactive sum z-score | $\begin{array}{r} -0.52125 \\ 0.0045 \end{array}$ | $\begin{array}{r} 0.54446 \\ 0.0027 \end{array}$ | $\begin{array}{r} 0.48586 \\ 0.0088 \end{array}$ | $\begin{array}{r} -0.14350 \\ 0.4663 \end{array}$ | $\begin{array}{r} 0.67393 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.84620 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.35008 \\ 0.0678 \end{array}$ |
| C5EZVICS <br> Victim sum z-score | $\begin{array}{r} -0.36955 \\ 0.0529 \end{array}$ | $\begin{array}{r} 0.03189 \\ 0.8720 \end{array}$ | $\begin{array}{r} 0.37866 \\ 0.0469 \end{array}$ | $\begin{array}{r} -0.36011 \\ 0.0598 \end{array}$ | $\begin{array}{r} 0.16269 \\ 0.4081 \end{array}$ | $\begin{array}{r} -0.20037 \\ 0.3066 \end{array}$ | $\begin{array}{r} -0.23052 \\ 0.2379 \end{array}$ |
| C5EZPRFU <br> Social Preference diff z-score (unlimited) | 1.00000 | $\begin{array}{r} -0.30641 \\ 0.1128 \end{array}$ | $\begin{array}{r} -0.79520 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.78556 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.48042 \\ 0.0097 \end{array}$ | $\begin{array}{r} -0.22180 \\ 0.2567 \end{array}$ | $\begin{array}{r} 0.69891 \\ <.0001 \end{array}$ |
| C5EZSIMU <br> Social Impact diff z-score (unlimited) | $\begin{array}{r} \hline-0.30641 \\ 0.1128 \end{array}$ | 1.00000 | $\begin{array}{r} 0.62901 \\ 0.0003 \end{array}$ | $\begin{array}{r} 0.29315 \\ 0.1300 \end{array}$ | $\begin{array}{r} \hline 0.51943 \\ 0.0046 \end{array}$ | $\begin{array}{r} 0.40468 \\ 0.0327 \end{array}$ | $\begin{array}{r} \hline 0.09351 \\ 0.6360 \end{array}$ |
| C5EGLLSU <br> Like Least z-score by sex (unlimited) | $\begin{array}{r} -0.79520 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.62901 \\ 0.0003 \end{array}$ | 1.00000 | $\begin{array}{r} \hline-0.45579 \\ 0.0148 \end{array}$ | $\begin{array}{r} 0.68064 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.34778 \\ 0.0698 \end{array}$ | $\begin{array}{r} -0.49931 \\ 0.0068 \end{array}$ |
| C5EGLMSU <br> Like Most z-score by sex (unlimited) | $\begin{array}{r} 0.78556 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.29315 \\ 0.1300 \end{array}$ | $\begin{array}{r} -0.45579 \\ 0.0148 \end{array}$ | 1.00000 | $\begin{array}{r} -0.19365 \\ 0.3235 \end{array}$ | $\begin{array}{r} 0.01913 \\ 0.9230 \end{array}$ | $\begin{array}{r} 0.79609 \\ <.0001 \end{array}$ |
| C5EGAGGS <br> Aggressive z-score by sex | $\begin{array}{r} -0.48042 \\ 0.0097 \end{array}$ | $\begin{array}{r} 0.51943 \\ 0.0046 \end{array}$ | $\begin{array}{r} 0.68064 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.19365 \\ 0.3235 \end{array}$ | 1.00000 | $\begin{array}{r} 0.72577 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.37294 \\ 0.0506 \end{array}$ |
| C5EGHYPS <br> Hyperactivity z-score by sex | $\begin{array}{r} -0.22180 \\ 0.2567 \end{array}$ | $\begin{array}{r} 0.40468 \\ 0.0327 \end{array}$ | $\begin{array}{r} 0.34778 \\ 0.0698 \end{array}$ | $\begin{array}{r} 0.01913 \\ 0.9230 \end{array}$ | $\begin{array}{r} 0.72577 \\ <.0001 \end{array}$ | 1.00000 | $\begin{array}{r} -0.28986 \\ 0.1346 \end{array}$ |
| C5EGPROS <br> Prosocial z-score by sex | $\begin{array}{r} 0.69891 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.09351 \\ 0.6360 \end{array}$ | $\begin{array}{r} -0.49931 \\ 0.0068 \end{array}$ | $\begin{array}{r} 0.79609 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.37294 \\ 0.0506 \end{array}$ | $\begin{array}{r} -0.28986 \\ 0.1346 \end{array}$ | 1.00000 |
| C5EGVICS <br> Victim z-score by sex | $\begin{array}{r} -0.42271 \\ 0.0250 \end{array}$ | $\begin{array}{r} 0.04732 \\ 0.8110 \end{array}$ | $\begin{array}{r} 0.37689 \\ 0.0480 \end{array}$ | $\begin{array}{r} -0.36402 \\ 0.0569 \end{array}$ | $\begin{array}{r} 0.19279 \\ 0.3257 \end{array}$ | $\begin{array}{r} -0.17966 \\ 0.3603 \end{array}$ | $\begin{array}{r} -0.20330 \\ 0.2995 \end{array}$ |
| C5EGWDRS <br> Withdrawn z-score by sex | $\begin{array}{r} 0.29859 \\ 0.1227 \end{array}$ | $\begin{array}{r} -0.09194 \\ 0.6417 \end{array}$ | $\begin{array}{r} -0.33391 \\ 0.0825 \end{array}$ | $\begin{array}{r} 0.27486 \\ 0.1569 \end{array}$ | $\begin{array}{r} -0.36887 \\ 0.0534 \end{array}$ | $\begin{array}{r} -0.22052 \\ 0.2595 \end{array}$ | $\begin{array}{r} 0.24231 \\ 0.2141 \end{array}$ |
| C5EGPRFU <br> Social Preference z-score by sex (unlimited) | $\begin{array}{r} 0.92412 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.26945 \\ 0.1656 \end{array}$ | $\begin{array}{r} -0.89218 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.80829 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.55241 \\ 0.0023 \end{array}$ | $\begin{array}{r} -0.22282 \\ 0.2544 \end{array}$ | $\begin{array}{r} 0.73194 \\ <.0001 \end{array}$ |


| Pearson Correlation Coefficients, $\mathbf{N}=28$ Prob > \|r| under H0: Rho=0 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | C5EZPRFU | C5EZSIMU | C5EGLLSU | C5EGLMSU | C5EGAGGS | C5EGHYPS | C5EGPROS |
| C5EGSIMU <br> Social Impact z-score by sex (unlimited) | $\begin{array}{r} \hline-0.18415 \\ 0.3482 \end{array}$ | $\begin{array}{r} 0.90606 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.67431 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.34871 \\ 0.0690 \end{array}$ | $\begin{array}{r} 0.54335 \\ 0.0028 \end{array}$ | $\begin{array}{r} 0.37597 \\ 0.0486 \end{array}$ | $\begin{array}{r} 0.14075 \\ 0.4750 \end{array}$ |
| C5ERRGIV <br> Mean Roster Rtg Given by respondent | $\begin{array}{r} -0.19109 \\ 0.3300 \end{array}$ | $\begin{array}{r} -0.00072 \\ 0.9971 \end{array}$ | $\begin{array}{r} 0.13079 \\ 0.5071 \end{array}$ | $\begin{array}{r} -0.14076 \\ 0.4750 \end{array}$ | $\begin{array}{r} 0.08020 \\ 0.6850 \end{array}$ | $\begin{array}{r} \hline-0.15525 \\ 0.4302 \end{array}$ | $\begin{array}{r} -0.05262 \\ 0.7903 \end{array}$ |
| C5ERRREC <br> Mean Roster Rtg Received by respondent | $\begin{array}{r} -0.87133 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.28962 \\ 0.1349 \end{array}$ | $\begin{array}{r} 0.71097 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.67074 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.44668 \\ 0.0172 \end{array}$ | $\begin{array}{r} 0.30904 \\ 0.1096 \end{array}$ | $\begin{array}{r} -0.65167 \\ 0.0002 \end{array}$ |
| C5ERRSTD <br> Std Dev of mean Roster Rtg Received | $\begin{array}{r} -0.42915 \\ 0.0227 \end{array}$ | $\begin{array}{r} 0.08125 \\ 0.6810 \end{array}$ | $\begin{array}{r} 0.33717 \\ 0.0793 \end{array}$ | $\begin{array}{r} -0.42183 \\ 0.0254 \end{array}$ | $\begin{array}{r} 0.50528 \\ 0.0061 \end{array}$ | $\begin{array}{r} 0.10094 \\ 0.6093 \end{array}$ | $\begin{array}{r} -0.43435 \\ 0.0209 \end{array}$ |


| Pearson Correlation Coefficients, $\mathbf{N}=28$ Prob > \|r| under H0: Rho=0 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | C5EGVICS | C5EGWDRS | C5EGPRFU | C5EGSIMU | C5ERRGIV | C5ERRREC | C5ERRSTD |
| C5EZLMSU <br> Like Most sum z-score (unlimited) | $\begin{array}{r} -0.40889 \\ 0.0307 \end{array}$ | $\begin{array}{r} 0.24504 \\ 0.2088 \end{array}$ | $\begin{array}{r} 0.77814 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.33688 \\ 0.0796 \end{array}$ | $\begin{array}{r} -0.19808 \\ 0.3123 \end{array}$ | $\begin{array}{r} -0.71224 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.38313 \\ 0.0442 \end{array}$ |
| C5EZLLSU <br> Like Least sum z-score (unlimited) | $\begin{array}{r} 0.34939 \\ 0.0684 \end{array}$ | $\begin{array}{r} -0.27325 \\ 0.1595 \end{array}$ | $\begin{array}{r} -0.83589 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.53455 \\ 0.0034 \end{array}$ | $\begin{array}{r} 0.14631 \\ 0.4575 \end{array}$ | $\begin{array}{r} 0.80489 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.37172 \\ 0.0514 \end{array}$ |
| C5EZAGGS <br> Aggressive sum z-score | $\begin{array}{r} 0.18191 \\ 0.3542 \end{array}$ | $\begin{array}{r} -0.28293 \\ 0.1446 \end{array}$ | $\begin{array}{r} -0.54066 \\ 0.0030 \end{array}$ | $\begin{array}{r} 0.47295 \\ 0.0110 \end{array}$ | $\begin{array}{r} 0.14220 \\ 0.4704 \end{array}$ | $\begin{array}{r} 0.55474 \\ 0.0022 \end{array}$ | $\begin{array}{r} 0.51726 \\ 0.0048 \end{array}$ |
| C5EZWDRS <br> Withdrawn sum z-score | $\begin{array}{r} -0.27050 \\ 0.1639 \end{array}$ | $\begin{array}{r} 0.69460 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.53415 \\ 0.0034 \end{array}$ | $\begin{array}{r} -0.07396 \\ 0.7084 \end{array}$ | $\begin{array}{r} -0.19228 \\ 0.3270 \end{array}$ | $\begin{array}{r} -0.47727 \\ 0.0102 \end{array}$ | $\begin{array}{r} -0.18058 \\ 0.3578 \end{array}$ |
| C5EZPROS <br> Prosocial sum z-score | $\begin{array}{r} -0.36810 \\ 0.0539 \end{array}$ | $\begin{array}{r} 0.18895 \\ 0.3356 \end{array}$ | $\begin{array}{r} 0.73652 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.09827 \\ 0.6189 \end{array}$ | $\begin{array}{r} -0.19335 \\ 0.3242 \end{array}$ | $\begin{array}{r} \hline-0.71653 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.48952 \\ 0.0082 \end{array}$ |
| C5EZHYPS <br> Hyperactive sum z-score | $\begin{array}{r} 0.01601 \\ 0.9355 \end{array}$ | $\begin{array}{r} -0.21045 \\ 0.2824 \end{array}$ | $\begin{array}{r} -0.39797 \\ 0.0360 \end{array}$ | $\begin{array}{r} 0.38569 \\ 0.0427 \end{array}$ | $\begin{array}{r} -0.04442 \\ 0.8224 \end{array}$ | $\begin{array}{r} 0.51257 \\ 0.0053 \end{array}$ | $\begin{array}{r} 0.13286 \\ 0.5003 \end{array}$ |
| C5EZVICS <br> Victim sum z-score | $\begin{array}{r} 0.94146 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.04947 \\ 0.8026 \end{array}$ | $\begin{array}{r} -0.42947 \\ 0.0226 \end{array}$ | $\begin{array}{r} 0.10474 \\ 0.5958 \end{array}$ | $\begin{array}{r} \hline 0.10902 \\ 0.5808 \end{array}$ | $\begin{array}{r} 0.12882 \\ 0.5136 \end{array}$ | $\begin{array}{r} 0.22835 \\ 0.2425 \end{array}$ |
| C5EZPRFU <br> Social Preference diff z-score (unlimited) | $\begin{array}{r} -0.42271 \\ 0.0250 \end{array}$ | $\begin{array}{r} 0.29859 \\ 0.1227 \end{array}$ | $\begin{array}{r} 0.92412 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.18415 \\ 0.3482 \end{array}$ | $\begin{array}{r} \hline-0.19109 \\ 0.3300 \end{array}$ | $\begin{array}{r} -0.87133 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.42915 \\ 0.0227 \end{array}$ |
| C5EZSIMU <br> Social Impact diff z-score (unlimited) | $\begin{array}{r} 0.04732 \\ 0.8110 \end{array}$ | $\begin{array}{r} -0.09194 \\ 0.6417 \end{array}$ | $\begin{array}{r} -0.26945 \\ 0.1656 \end{array}$ | $\begin{array}{r} 0.90606 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.00072 \\ 0.9971 \end{array}$ | $\begin{array}{r} 0.28962 \\ 0.1349 \end{array}$ | $\begin{array}{r} 0.08125 \\ 0.6810 \end{array}$ |
| C5EGLLSU <br> Like Least z-score by sex (unlimited) | $\begin{array}{r} 0.37689 \\ 0.0480 \end{array}$ | $\begin{array}{r} -0.33391 \\ 0.0825 \end{array}$ | $\begin{array}{r} -0.89218 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.67431 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.13079 \\ 0.5071 \end{array}$ | $\begin{array}{r} 0.71097 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.33717 \\ 0.0793 \end{array}$ |
| C5EGLMSU <br> Like Most z-score by sex (unlimited) | $\begin{array}{r} -0.36402 \\ 0.0569 \end{array}$ | $\begin{array}{r} 0.27486 \\ 0.1569 \end{array}$ | $\begin{array}{r} 0.80829 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.34871 \\ 0.0690 \end{array}$ | $\begin{array}{r} -0.14076 \\ 0.4750 \end{array}$ | $\begin{array}{r} -0.67074 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.42183 \\ 0.0254 \end{array}$ |
| C5EGAGGS <br> Aggressive z-score by sex | $\begin{array}{r} 0.19279 \\ 0.3257 \end{array}$ | $\begin{array}{r} -0.36887 \\ 0.0534 \end{array}$ | $\begin{array}{r} -0.55241 \\ 0.0023 \end{array}$ | $\begin{array}{r} 0.54335 \\ 0.0028 \end{array}$ | $\begin{array}{r} 0.08020 \\ 0.6850 \end{array}$ | $\begin{array}{r} 0.44668 \\ 0.0172 \end{array}$ | $\begin{array}{r} 0.50528 \\ 0.0061 \end{array}$ |
| C5EGHYPS <br> Hyperactivity z-score by sex | $\begin{array}{r} -0.17966 \\ 0.3603 \end{array}$ | $\begin{array}{r} -0.22052 \\ 0.2595 \end{array}$ | $\begin{array}{r} -0.22282 \\ 0.2544 \end{array}$ | $\begin{array}{r} 0.37597 \\ 0.0486 \end{array}$ | $\begin{array}{r} -0.15525 \\ 0.4302 \end{array}$ | $\begin{array}{r} 0.30904 \\ 0.1096 \end{array}$ | $\begin{array}{r} 0.10094 \\ 0.6093 \end{array}$ |
| C5EGPROS <br> Prosocial z-score by sex | $\begin{array}{r} -0.20330 \\ 0.2995 \end{array}$ | $\begin{array}{r} 0.24231 \\ 0.2141 \end{array}$ | $\begin{array}{r} 0.73194 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.14075 \\ 0.4750 \end{array}$ | $\begin{array}{r} -0.05262 \\ 0.7903 \end{array}$ | $\begin{array}{r} -0.65167 \\ 0.0002 \end{array}$ | $\begin{array}{r} -0.43435 \\ 0.0209 \end{array}$ |


| Pearson Correlation Coefficients, $\mathbf{N}=\mathbf{2 8}$ Prob > \|r| under H0: Rho=0 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | C5EGVICS | C5EGWDRS | C5EGPRFU | C5EGSIMU | C5ERRGIV | C5ERRREC | C5ERRSTD |
| C5EGVICS <br> Victim z-score by sex | 1.00000 | $\begin{array}{r} -0.00405 \\ 0.9837 \end{array}$ | $\begin{array}{r} -0.43043 \\ 0.0222 \end{array}$ | $\begin{array}{r} 0.09759 \\ 0.6213 \end{array}$ | $\begin{array}{r} 0.20759 \\ 0.2891 \end{array}$ | $\begin{array}{r} 0.20028 \\ 0.3068 \end{array}$ | $\begin{array}{r} 0.22964 \\ 0.2398 \end{array}$ |
| C5EGWDRS <br> Withdrawn z-score by sex | $\begin{array}{r} -0.00405 \\ 0.9837 \end{array}$ | 1.00000 | $\begin{array}{r} 0.36366 \\ 0.0571 \end{array}$ | $\begin{array}{r} -0.11978 \\ 0.5438 \end{array}$ | $\begin{array}{r} 0.00587 \\ 0.9764 \end{array}$ | $\begin{array}{r} -0.25177 \\ 0.1962 \end{array}$ | $\begin{array}{r} -0.12934 \\ 0.5118 \end{array}$ |
| C5EGPRFU <br> Social Preference z-score by sex (unlimited) | $\begin{array}{r} -0.43043 \\ 0.0222 \end{array}$ | $\begin{array}{r} 0.36366 \\ 0.0571 \end{array}$ | 1.00000 | $\begin{array}{r} -0.26883 \\ 0.1666 \end{array}$ | $\begin{array}{r} -0.15618 \\ 0.4274 \end{array}$ | $\begin{array}{r} -0.80832 \\ <.0001 \end{array}$ | $\begin{array}{r} -0.43727 \\ 0.0200 \end{array}$ |
| C5EGSIMU <br> Social Impact z-score by sex (unlimited) | $\begin{array}{r} \hline 0.09759 \\ 0.6213 \end{array}$ | $\begin{array}{r} -0.11978 \\ 0.5438 \end{array}$ | $\begin{array}{r} -0.26883 \\ 0.1666 \end{array}$ | 1.00000 | $\begin{array}{r} \hline 0.02245 \\ 0.9097 \end{array}$ | $\begin{array}{r} 0.18902 \\ 0.3354 \end{array}$ | $\begin{array}{r} \hline-0.00309 \\ 0.9876 \end{array}$ |
| C5ERRGIV <br> Mean Roster Rtg Given by respondent | $\begin{array}{r} 0.20759 \\ 0.2891 \end{array}$ | $\begin{array}{r} \hline 0.00587 \\ 0.9764 \end{array}$ | $\begin{array}{r} -0.15618 \\ 0.4274 \end{array}$ | $\begin{array}{r} \hline 0.02245 \\ 0.9097 \end{array}$ | 1.00000 | $\begin{array}{r} 0.13736 \\ 0.4858 \end{array}$ | $\begin{array}{r} 0.38388 \\ 0.0437 \end{array}$ |
| C5ERRREC <br> Mean Roster Rtg Received by respondent | $\begin{array}{r} 0.20028 \\ 0.3068 \end{array}$ | $\begin{array}{r} -0.25177 \\ 0.1962 \end{array}$ | $\begin{array}{r} -0.80832 \\ <.0001 \end{array}$ | $\begin{array}{r} 0.18902 \\ 0.3354 \end{array}$ | $\begin{array}{r} \hline 0.13736 \\ 0.4858 \end{array}$ | 1.00000 | $\begin{array}{r} 0.45920 \\ 0.0140 \end{array}$ |
| C5ERRSTD <br> Std Dev of mean Roster Rtg Received | $\begin{array}{r} 0.22964 \\ 0.2398 \end{array}$ | $\begin{array}{r} \hline-0.12934 \\ 0.5118 \end{array}$ | $\begin{array}{r} -0.43727 \\ 0.0200 \end{array}$ | $\begin{array}{r} \hline-0.00309 \\ 0.9876 \end{array}$ | $\begin{array}{r} \hline 0.38388 \\ 0.0437 \end{array}$ | $\begin{array}{r} 0.45920 \\ 0.0140 \end{array}$ | 1.00000 |

## Sociometrics Subscales Report Sample Year 5

| Pearson Correlation Coefficients <br> Prob > \|r| under H0: Rho=0 <br> Number of Observations |  |  |
| :--- | ---: | ---: |
|  | SCM5SCS | SCM5INT |
| SCM5SCS | 1.000 | -0.419 |
| School Satisfaction - Sociometrics Yr5 | 264 | 0.000 |
| SCM5INT | 235 |  |
| School Interactions - Sociometrics Yr5 | -0.419 | 1.000 |
|  | 0.000 | 235 |

Appendix - SAS Scoring Program
(See Instrument Summary)

