

**Social Health Profile – Spring**  
*Grade 2 /Year 3*

**Fast Track Project Technical Report**  
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**Citation**

*Instrument*

Werthamer-Larsson, L., Kellam, S. G., & Wheeler, L. (1991). Effect of first-grade classroom environment on shy behavior, aggressive behavior, and concentration problems. *American Journal of Community Psychology, 19*, 585–602.<sup>1</sup>

Conduct Problems Prevention Research Group (CPPRG). (1990). *Social Competence Scale (Teacher Version)*. Available from the Fast Track Project Web site, <http://www.fasttrackproject.org><sup>1</sup>

Conduct Problems Prevention Research Group (CPPRG). (1991). *Social Health Profile – Spring*.<sup>2</sup>

*Report*

Corrigan, A. (2003). *Social Health Profile – Spring, Grade 2 /Year 3* (Fast Track Project Technical Report). Available from the Fast Track Project Web site, <http://www.fasttrackproject.org>

**Data Sources**

*Unscored:* T3F

*Scored:* SHS3

**I. Scale Description**

The Social Health Profile (Spring) is a 41-item measure that assesses a child's ability to work productively and to handle social interactions in a classroom environment. The Social Health Profile was created for the Fast Track Project. The Social Health Profile contains items from the TOCA-R – Teacher Observation of Child Adaptation, Revised (Werthamer-Larsson, et al., 1991) and the Social Competence Scale (CPPRG, 1995).

The Social Health Profile contains 37 behavior-rating items and four additional information items. The TOCA-R contributed 26 of the behavior-rating items. These items estimate several dimensions of behavioral adjustment to school: Cognitive Concentration, Authority Acceptance, and Social Contact. The Social Competence Scale contributed eleven behavior-rating items that assess other facets of social adjustment. The four remaining items ask for the number of days that the child has been absent, whether the child uses tobacco or drugs, and the likelihood that the child will be promoted to the next grade level in the coming year.

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<sup>1</sup> Antecedent measure for the Social Health Profile.

<sup>2</sup> The Social Health Profile discussed in this report.

Each behavior-rating item contains a descriptive phrase such as: “Learns up to ability,” “Teases classmates,” “Initiates interactions with others,” and “Concentrates.” The teacher assesses how well each descriptor is true for a target child. Responses are coded on a six-point scale: “Almost Never (0),” “Rarely (1),” “Sometimes (2),” “Often (3),” “Very Often (4),” and “Almost Always (5).”

Responses to the remaining four items are unscaled. The teacher selects the number of days that the child has been absent during the previous two weeks. For the substance abuse items (Has the child smoked tobacco/used drugs), responses include “No,” “Yes,” and “Don’t know.” The grade level promotion item (“Will the child be promoted...”) has these response choices: “Yes,” “Unsure,” “No-Repeat,” “No-Special Ed.” The four unscaled additional-information items are not included in the scoring routine.

## **II. Report Sample**

This report contains data collected on Cohort 1, Year 3. The data include a high-risk control sample (n=155) and a normative sample (n = 387) for a total N = 463, including overlap. Of the 463 subjects, 36 are missing all responses, including 29 from the normative group (3 from Durham, 6 from Washington, 3 from Pennsylvania, and 17 from Nashville), and 7 from the control group (3 from Durham, 3 from Nashville, and 1 from Washington), with overlap between the normative and control groups. None of these measures was used in the analyses.

## **III. Scaling**

The Social Health Profile contains the following subscales<sup>3</sup>:

- Cognitive Concentration: items 2R (self-reliant), 4R (works hard), 7R (learns up to ability), 8 (distractible), 9R (concentrates), 14 R (completes assignments), 16 (poor effort), 17R (eager to learn), 20R (stays on task), 22R (pays attention), 32 (mind wanders), 34R (works well alone)
- Authority Acceptance: items 3 (takes property), 5(yells at others), 6 (fights), 10 (stubborn), 12 (lies), 15 (breaks rules), 19 (teases others), 21 (breaks things), 23 (harms others), 24 (disobedient)
- Social Contact: items 25R (initiates interactions), 26R (plays with others), 28R (social contact with others), 31 (avoids contact)
- Prosocial: items 1R (friendly), 13R (helpful), 18R (resolves peer problems), 33R (understands others), 35R (suggests without bossiness)
- Emotional Regulation: items 11R (controls temper in a disagreement), 27R (appropriate expression of needs/feelings), 29R (thinks before acting), 30R (can calm down)
- Social Competence: a score for the Prosocial and Emotional Regulation items combined.

Three additional subscales are available to score smaller groups of items that reflect the narrowband dimensions of behavior problems. They are:

- Overt Aggression: items 5 (yells), 6 (fights), 19 (teases), 21 (breaks things), 23 (harms others)
- Oppositional: items 10 (stubborn), 15 (breaks rules), 24 (has trouble accepting authority)
- Covert Antisocial: items 3 (takes people’s property), 12 (lies).

Subscale scores are calculated as the mean of item responses. If more than half of the items for a scale are missing responses, the score is not calculated. Measures with all responses missing are not scored.

The alpha coefficients for the normative sample and control samples are:

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<sup>3</sup> R denotes items that require reversed scoring.

	Normative Sample	Control Sample
<b>Cognitive Concentration Subscale</b>	0.96	0.93
<b>Authority Acceptance Subscale</b>	0.92	0.91
<b>Social Contact Subscale</b>	0.83	0.81
<b>Prosocial Subscale</b>	0.85	0.80
<b>Emotional Regulation Skills Subscale</b>	0.86	0.82
<b>Social Competence Scale (Combined Prosocial/Emotional Reg.)</b>	0.92	0.89
<b>Overt Aggression Narrowband</b>	0.86	0.86
<b>Oppositional Narrowband</b>	0.83	0.85
<b>Covert Antisocial Narrowband</b>	0.82	0.73

#### IV. Differences Between Groups

T-tests of means on the subscale scores between the normative and control samples yielded the following results:

	Normative Sample		Control Sample		DF	t Value	Pr >  t
	Mean	SD	Mean	SD			
<b>Cognitive Concentration Subscale</b>	1.74	1.11	2.46	0.97	428	6.69	<.0001
<b>Authority Acceptance Subscale</b>	0.93	0.81	1.77	0.94	424	9.59	<.0001
<b>Social Contact Subscale</b>	1.16	0.84	1.44	0.85	428	3.24	0.0013
<b>Prosocial Subscale</b>	1.77	1.00	2.58	0.92	428	8.23	<.0001
<b>Emotional Regulation Skills Subscale</b>	1.83	1.10	2.83	1.037	428	9.20	<.0001
<b>Social Competence Scale (Combined Prosocial/Emotional Reg.)</b>	1.80	1.00	2.70	0.91	428	9.10	<.0001
<b>Overt Aggression</b>	0.84	0.80	1.61	1.00	421	8.47	<.0001
<b>Oppositional</b>	1.19	1.03	2.14	1.14	405	8.36	<.0001
<b>Covert Antisocial</b>	0.74	0.96	1.60	1.16	425	8.11	<.0001

#### V. Recommendations for Use

T-tests of means for subscale scores on the Social Health Profile show significant differences between the normative and control groups for this study year. The internal consistency measure (Cronbach alpha values) indicates that the subscale scores are useful. The Covert Antisocial Narrowband subscale distribution shows a floor effect in the normative group, with 48% of responses = 0. Researchers should keep in mind that the narrowband subscale scores contain only a few items – the Oppositional subscale contains three items and the Covert Antisocial contains two. The narrowband subscales may be useful in some research studies to focus on narrowband dimensions of behavior problems identified on other measures.

## VI. Item and Scale Means and SDs

### Means and Standard Deviations for Social Health Profile – Spring: Items Cohort 1, Year 3 Normative Sample

Variable	Label	Mean	N	Std Dev	Minimum	Maximum
T3F1R	Friendly	1.22	358	1.14	0.00	5.00
T3F2R	Self-reliant, Rev.	1.82	358	1.34	0.00	5.00
T3F3	Takes others property	0.76	352	1.03	0.00	4.00
T3F4R	Works hard, Rev.	1.81	358	1.39	0.00	5.00
T3F5	Yells at others	1.27	349	1.14	0.00	4.00
T3F6	Fights	1.14	344	1.15	0.00	4.00
T3F7R	Learns up to ability, Rev	1.88	358	1.39	0.00	5.00
T3F8	Easily distracted	2.17	319	1.21	0.00	4.00
T3F9R	Concentrates, Rev.	2.08	358	1.30	0.00	5.00
T3F10	Stubborn	1.53	339	1.32	0.00	4.00
T3F11R	Controls temper in disagreement, Rev.	1.99	358	1.42	0.00	5.00
T3F12	Lies	1.04	347	1.21	0.00	4.00
T3F13R	Helpful to others, Rev.	1.85	358	1.24	0.00	5.00
T3F14R	Completes assignments, Rev.	1.67	358	1.45	0.00	5.00
T3F15	Breaks Rules	1.40	341	1.24	0.00	4.00
T3F16	Shows poor effort	1.57	344	1.24	0.00	4.00
T3F17R	Eager to learn, Rev.	1.77	358	1.27	0.00	5.00
T3F18R	Resolves peer problems alone, Rev.	2.37	358	1.39	0.00	5.00
T3F19	Teases	1.34	345	1.24	0.00	4.00
T3F20R	On-task, Rev.	2.10	358	1.42	0.00	5.00
T3F21	Breaks things	0.56	352	0.94	0.00	4.00
T3F22R	Pays attention, Rev.	1.98	358	1.32	0.00	5.00
T3F23	Harms others	0.63	352	0.96	0.00	4.00
T3F24	Disobedient	1.14	342	1.25	0.00	4.00
T3F25R	Initiates interactions, Rev.	1.64	358	1.14	0.00	5.00
T3F26R	Plays with others, Rev.	1.14	358	1.01	0.00	4.00
T3F27R	Apprpr. needs/feelings express, Rev.	1.99	358	1.32	0.00	5.00
T3F28R	Social contact w/others, Rev.	1.16	358	1.03	0.00	5.00
T3F29R	Thinks before acting, Rev.	2.19	358	1.39	0.00	5.00
T3F30R	Can calm down, Rev.	2.02	358	1.35	0.00	5.00
T3F31	Avoids social contact	0.90	355	0.96	0.00	4.00
T3F32	Mind wanders	1.98	339	1.17	0.00	4.00
T3F33R	Understands others feelings, Rev.	2.19	358	1.30	0.00	5.00
T3F34R	Works well alone	1.93	358	1.45	0.00	5.00
T3F35R	Suggests w/out bossy	2.08	358	1.43	0.00	5.00

**Means and Standard Deviations for Social Health Profile – Spring: Items  
Cohort 1, Year 3 Control Sample**

Variable	Label	Mean	N	Std Dev	Minimum	Maximum
T3F1R	Friendly	1.69	148	1.14	0.00	5.00
T3F2R	Self-reliant, Rev.	2.38	148	1.26	0.00	5.00
T3F3	Takes others property	1.33	146	1.23	0.00	4.00
T3F4R	Works hard, Rev.	2.39	148	1.24	0.00	5.00
T3F5	Yells at others	1.89	141	1.33	0.00	4.00
T3F6	Fights	1.86	138	1.27	0.00	4.00
T3F7R	Learns up to ability, Rev	2.41	148	1.32	0.00	5.00
T3F8	Easily distracted	2.85	115	1.07	0.00	4.00
T3F9R	Concentrates, Rev.	2.59	148	1.18	0.00	5.00
T3F10	Stubborn	2.14	121	1.36	0.00	4.00
T3F11R	Controls temper in disagreement, Rev.	2.79	148	1.43	0.00	5.00
T3F12	Lies	1.80	143	1.32	0.00	4.00
T3F13R	Helpful to others, Rev.	2.43	148	1.17	0.00	5.00
T3F14R	Completes assignments, Rev.	2.09	148	1.43	0.00	5.00
T3F15	Breaks Rules	2.30	132	1.23	0.00	4.00
T3F16	Shows poor effort	1.94	136	1.13	0.00	4.00
T3F17R	Eager to learn, Rev.	2.30	148	1.20	0.00	5.00
T3F18R	Resolves peer problems alone, Rev.	3.12	148	1.29	0.00	5.00
T3F19	Teases	2.01	138	1.23	0.00	4.00
T3F20R	On-task, Rev.	2.68	148	1.24	0.00	5.00
T3F21	Breaks things	1.00	144	1.15	0.00	4.00
T3F22R	Pays attention, Rev.	2.51	148	1.08	0.00	5.00
T3F23	Harms others	1.18	144	1.22	0.00	4.00
T3F24	Disobedient	1.91	131	1.32	0.00	4.00
T3F25R	Initiates interactions, Rev.	1.74	148	1.13	0.00	5.00
T3F26R	Plays with others, Rev.	1.44	148	0.99	0.00	4.00
T3F27R	Apprpr. needs/feelings express, Rev.	2.66	148	1.16	0.00	5.00
T3F28R	Social contact w/others, Rev.	1.49	148	1.04	0.00	5.00
T3F29R	Thinks before acting, Rev.	3.05	148	1.23	0.00	5.00
T3F30R	Can calm down, Rev.	2.84	148	1.31	0.00	5.00
T3F31	Avoids social contact	1.05	147	0.97	0.00	4.00
T3F32	Mind wanders	2.48	140	1.03	0.00	4.00
T3F33R	Understands others feelings, Rev.	2.92	148	1.18	0.00	5.00
T3F34R	Works well alone	2.61	148	1.42	0.00	5.00
T3F35R	Suggests w/out bossy	2.76	148	1.35	0.00	5.00

**Means and Standard Deviations for Social Health Profile – Spring: Subscales  
Cohort 1, Year 3, Normative Sample**

Variable	Label	Mean	N	Std Dev	Minimum	Maximum
SHS3OAG	Overt Aggression SHP Narrow Band	1.00	351	0.89	0.00	4.00
SHS3OPP	Oppositional SHP Narrow Band	1.37	343	1.12	0.00	4.00
SHS3CAS	Covert Antisocial SHP Narrow Band	0.92	355	1.06	0.00	4.00
SHS3CCN	Cognitive Concentration	1.92	358	1.14	0.00	4.89
SHS3AAC	Authority Acceptance	1.10	354	0.90	0.00	3.60
SHS3SCN	Social Contact	1.22	358	0.86	0.00	4.67
SHS3PSC	Prosocial	1.94	358	1.04	0.00	4.40
SHS3REG	Emotional Regulation	2.05	358	1.15	0.00	5.00
SHS3SCT	Social Competence Total	1.99	358	1.05	0.00	4.67

**Means and Standard Deviations for Social Health Profile – Spring: Subscales  
Cohort 1, Year 3, Control Sample**

Variable	Label	Mean	N	Std Dev	Minimum	Maximum
SHS3OAG	Overt Aggression SHP Narrow Band	1.61	145	1.00	0.00	3.80
SHS3OPP	Oppositional SHP Narrow Band	2.14	129	1.14	0.00	4.00
SHS3CAS	Covert Antisocial SHP Narrow Band	1.60	147	1.16	0.00	4.00
SHS3CCN	Cognitive Concentration	2.46	148	0.97	0.25	4.89
SHS3AAC	Authority Acceptance	1.77	146	0.94	0.00	3.60
SHS3SCN	Social Contact	1.44	148	0.85	0.00	4.67
SHS3PSC	Prosocial	2.59	148	0.92	0.40	4.40
SHS3REG	Emotional Regulation	2.83	148	1.04	0.25	5.00
SHS3SCT	Social Competence Total	2.70	148	0.91	0.33	4.56

**VII. Item and Subscale Correlations**

**Social Health Profile – Subscale Correlations  
Combined Normative and Control Sample**

Pearson Correlation Coefficients, N = 402 Prob >  r  under H0: Rho=0									
	SHS3OAG	SHS3OPP	SHS3CAS	SHS3CCN	SHS3AAC	SHS3SCN	SHS3PSC	SHS3REG	SHS3SCT
SHS3OAG Overt Aggression Narrow-Band	1.000	0.775	0.666	0.432	0.942	0.157	0.637	0.703	0.696
		0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000
SHS3OPP Oppositional Narrow-Band	0.775	1.000	0.666	0.548	0.915	0.273	0.719	0.762	0.770
	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000
SHS3CAS Covert Antisocial Narrow-Band	0.666	0.666	1.000	0.442	0.811	0.152	0.542	0.549	0.568
	0.000	0.000		0.000	0.000	0.002	0.000	0.000	0.000
SHS3CCN Cognitive Concentration	0.432	0.548	0.442	1.000	0.524	0.419	0.708	0.684	0.726
	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000
SHS3AAC Authority Acceptance	0.942	0.915	0.811	0.524	1.000	0.217	0.711	0.761	0.766
	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000
SHS3SCN Social Contact	0.157	0.273	0.152	0.419	0.217	1.000	0.520	0.425	0.495
	0.002	0.000	0.002	0.000	0.000		0.000	0.000	0.000
SHS3PSC ProSocial	0.637	0.719	0.542	0.708	0.711	0.520	1.000	0.842	0.964
	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
SHS3REG Emotional Regulation Skills	0.703	0.762	0.549	0.684	0.761	0.425	0.842	1.000	0.955
	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
SHS3SCT Social Competence Total	0.696	0.770	0.568	0.726	0.766	0.495	0.964	0.955	1.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

**Social Health Profile – Item Correlations  
Combined Normative and Control Sample**

Pearson Correlation Coefficients, N = 238																				
Prob >  r  under H0: Rho=0																				
	T3F1R	T3F2R	T3F3	T3F4R	T3F5	T3F6	T3F7R	T3F8	T3F9R	T3F10	T3F11R	T3F12	T3F13R	T3F14R	T3F15	T3F16	T3F17R	T3F18R	T3F19	T3F20R
T3F1R (RS) Friendly	1.000	0.363 0.000	0.228 0.000	0.228 0.000	0.087 0.179	0.249 0.000	0.236 0.000	0.110 0.089	0.193 0.003	0.219 0.001	0.236 0.000	0.139 0.032	0.296 0.000	0.136 0.037	0.218 0.001	0.154 0.017	0.294 0.000	0.154 0.017	0.089 0.172	0.141 0.030
T3F2R (RS) Self-Reliant	0.363 0.000	1.000	0.349 0.000	0.539 0.000	0.122 0.061	0.242 0.000	0.598 0.000	0.448 0.000	0.557 0.000	0.228 0.000	0.279 0.000	0.337 0.000	0.339 0.000	0.544 0.000	0.309 0.000	0.458 0.000	0.480 0.000	0.442 0.000	0.172 0.008	0.565 0.000
T3F3 Takes Others Property	0.228 0.000	0.349 0.000	1.000	0.357 0.000	0.265 0.000	0.450 0.000	0.347 0.000	0.285 0.000	0.274 0.000	0.395 0.000	0.377 0.000	0.590 0.000	0.288 0.000	0.344 0.000	0.554 0.000	0.305 0.000	0.305 0.000	0.389 0.000	0.444 0.000	0.373 0.000
T3F4R (RS) Works Hard	0.228 0.000	0.539 0.000	0.357 0.000	1.000	0.092 0.159	0.194 0.003	0.718 0.000	0.455 0.000	0.664 0.000	0.304 0.000	0.344 0.000	0.237 0.000	0.393 0.000	0.742 0.000	0.400 0.000	0.640 0.000	0.702 0.000	0.428 0.000	0.183 0.005	0.715 0.000
T3F5 Yells at Others	0.087 0.179	0.122 0.061	0.265 0.000	0.092 0.159	1.000	0.550 0.000	0.195 0.002	0.174 0.007	0.190 0.003	0.538 0.000	0.473 0.000	0.305 0.000	0.210 0.001	0.109 0.093	0.477 0.000	0.210 0.001	0.106 0.103	0.422 0.000	0.505 0.000	0.237 0.000
T3F6 Fights	0.249 0.000	0.242 0.000	0.450 0.000	0.194 0.003	0.550 0.000	1.000	0.262 0.000	0.270 0.000	0.250 0.000	0.523 0.000	0.512 0.000	0.464 0.000	0.248 0.000	0.232 0.000	0.593 0.000	0.306 0.000	0.255 0.000	0.453 0.000	0.582 0.000	0.265 0.000
T3F7R (RS) Learns Up to Ability	0.236 0.000	0.598 0.000	0.347 0.000	0.718 0.000	0.195 0.002	0.262 0.000	1.000	0.425 0.000	0.651 0.000	0.368 0.000	0.442 0.000	0.329 0.000	0.418 0.000	0.635 0.000	0.364 0.000	0.628 0.000	0.693 0.000	0.495 0.000	0.218 0.001	0.672 0.000
T3F8 Easily Distracted	0.110 0.089	0.448 0.000	0.285 0.000	0.455 0.000	0.174 0.007	0.270 0.000	0.425 0.000	1.000	0.503 0.000	0.276 0.000	0.264 0.000	0.339 0.000	0.285 0.000	0.460 0.000	0.379 0.000	0.516 0.000	0.408 0.000	0.361 0.000	0.210 0.001	0.604 0.000
T3F9R (RS) Concentrates	0.193 0.003	0.557 0.000	0.274 0.000	0.664 0.000	0.190 0.003	0.250 0.000	0.651 0.000	0.503 0.000	1.000	0.297 0.000	0.403 0.000	0.289 0.000	0.377 0.000	0.609 0.000	0.365 0.000	0.589 0.000	0.626 0.000	0.480 0.000	0.220 0.001	0.738 0.000
T3F10 Stubborn	0.219 0.001	0.228 0.000	0.395 0.000	0.304 0.000	0.538 0.000	0.523 0.000	0.368 0.000	0.276 0.000	0.297 0.000	1.000	0.628 0.000	0.419 0.000	0.387 0.000	0.340 0.000	0.567 0.000	0.416 0.000	0.337 0.000	0.505 0.000	0.441 0.000	0.349 0.000
T3F11R (RS) Controls Temper in Disagreement	0.236 0.000	0.279 0.000	0.377 0.000	0.344 0.000	0.473 0.000	0.512 0.000	0.442 0.000	0.264 0.000	0.403 0.000	0.628 0.000	1.000	0.383 0.000	0.438 0.000	0.421 0.000	0.516 0.000	0.342 0.000	0.314 0.000	0.583 0.000	0.453 0.000	0.417 0.000
T3F12 Lies	0.139 0.032	0.337 0.000	0.590 0.000	0.237 0.000	0.305 0.000	0.464 0.000	0.329 0.000	0.339 0.000	0.289 0.000	0.419 0.000	0.383 0.000	1.000	0.254 0.000	0.308 0.000	0.595 0.000	0.324 0.000	0.268 0.000	0.449 0.000	0.528 0.000	0.320 0.000
T3F13R (RS) Helpful to Others	0.296 0.000	0.339 0.000	0.288 0.000	0.393 0.000	0.210 0.001	0.248 0.000	0.418 0.000	0.285 0.000	0.377 0.000	0.387 0.000	0.438 0.000	0.254 0.000	1.000	0.442 0.000	0.420 0.000	0.339 0.000	0.482 0.000	0.386 0.000	0.217 0.001	0.477 0.000
T3F14R (RS) Completes Assignments	0.136 0.037	0.544 0.000	0.344 0.000	0.742 0.000	0.109 0.093	0.232 0.000	0.635 0.000	0.460 0.000	0.609 0.000	0.340 0.000	0.421 0.000	0.308 0.000	0.442 0.000	1.000	0.419 0.000	0.672 0.000	0.606 0.000	0.445 0.000	0.154 0.018	0.730 0.000
T3F15 Breaks Rules	0.218 0.001	0.309 0.000	0.554 0.000	0.400 0.000	0.477 0.000	0.593 0.000	0.364 0.000	0.379 0.000	0.365 0.000	0.567 0.000	0.516 0.000	0.595 0.000	0.420 0.000	0.419 0.000	1.000	0.462 0.000	0.381 0.000	0.492 0.000	0.576 0.000	0.412 0.000
T3F16 Shows Poor Effort	0.154 0.017	0.458 0.000	0.305 0.000	0.640 0.000	0.210 0.001	0.306 0.000	0.628 0.000	0.516 0.000	0.589 0.000	0.416 0.000	0.342 0.000	0.324 0.000	0.339 0.000	0.672 0.000	0.462 0.000	1.000	0.645 0.000	0.467 0.000	0.274 0.000	0.651 0.000
T3F17R (RS) Eager to Learn	0.294 0.000	0.480 0.000	0.305 0.000	0.702 0.000	0.106 0.103	0.255 0.000	0.693 0.000	0.408 0.000	0.626 0.000	0.337 0.000	0.314 0.000	0.268 0.000	0.482 0.000	0.606 0.000	0.381 0.000	0.645 0.000	1.000	0.441 0.000	0.219 0.001	0.670 0.000
T3F18R (RS) Resolves Peer Problems Alone	0.154 0.017	0.442 0.000	0.389 0.000	0.428 0.000	0.422 0.000	0.453 0.000	0.495 0.000	0.361 0.000	0.480 0.000	0.505 0.000	0.583 0.000	0.449 0.000	0.386 0.000	0.445 0.000	0.492 0.000	0.467 0.000	0.441 0.000	1.000	0.464 0.000	0.553 0.000

Pearson Correlation Coefficients, N = 238																				
Prob >  r  under H0: Rho=0																				
	T3F1R	T3F2R	T3F3	T3F4R	T3F5	T3F6	T3F7R	T3F8	T3F9R	T3F10	T3F11R	T3F12	T3F13R	T3F14R	T3F15	T3F16	T3F17R	T3F18R	T3F19	T3F20R
T3F19 Teases	0.089 0.172	0.172 0.008	0.444 0.000	0.183 0.005	0.505 0.000	0.582 0.000	0.218 0.001	0.210 0.001	0.220 0.001	0.441 0.000	0.453 0.000	0.528 0.000	0.217 0.001	0.154 0.018	0.576 0.000	0.274 0.000	0.219 0.001	0.464 0.000	1.000	0.267 0.000
T3F20R (RS) On-Task	0.141 0.030	0.565 0.000	0.373 0.000	0.715 0.000	0.237 0.000	0.265 0.000	0.672 0.000	0.604 0.000	0.738 0.000	0.349 0.000	0.417 0.000	0.320 0.000	0.477 0.000	0.730 0.000	0.412 0.000	0.651 0.000	0.670 0.000	0.553 0.000	0.267 0.000	1.000
T3F21 Breaks Things	0.199 0.002	0.325 0.000	0.427 0.000	0.260 0.000	0.394 0.000	0.459 0.000	0.307 0.000	0.308 0.000	0.355 0.000	0.324 0.000	0.369 0.000	0.436 0.000	0.194 0.003	0.225 0.000	0.530 0.000	0.348 0.000	0.258 0.000	0.405 0.000	0.481 0.000	0.343 0.000
T3F22R (RS) Pays Attention	0.182 0.005	0.543 0.000	0.375 0.000	0.683 0.000	0.215 0.001	0.275 0.000	0.699 0.000	0.594 0.000	0.718 0.000	0.369 0.000	0.429 0.000	0.360 0.000	0.506 0.000	0.670 0.000	0.441 0.000	0.610 0.000	0.737 0.000	0.527 0.000	0.295 0.000	0.790 0.000
T3F23 Harms Others	0.313 0.000	0.263 0.000	0.364 0.000	0.238 0.000	0.460 0.000	0.627 0.000	0.239 0.000	0.235 0.000	0.296 0.000	0.410 0.000	0.468 0.000	0.451 0.000	0.310 0.000	0.260 0.000	0.649 0.000	0.273 0.000	0.252 0.000	0.467 0.000	0.567 0.000	0.319 0.000
T3F24 Disobedient	0.279 0.000	0.289 0.000	0.466 0.000	0.408 0.000	0.458 0.000	0.519 0.000	0.416 0.000	0.378 0.000	0.399 0.000	0.654 0.000	0.550 0.000	0.458 0.000	0.466 0.000	0.428 0.000	0.687 0.000	0.457 0.000	0.410 0.000	0.547 0.000	0.475 0.000	0.447 0.000
T3F25R (RS) Initiates Interactions	0.387 0.000	0.209 0.001	-0.020 0.756	0.126 0.053	-0.110 0.092	-0.053 0.419	0.161 0.013	0.093 0.155	0.131 0.043	0.056 0.387	0.089 0.173	-0.059 0.367	0.350 0.000	0.157 0.015	-0.048 0.458	0.093 0.151	0.252 0.000	0.059 0.368	-0.146 0.024	0.151 0.020
T3F26R (RS) Plays With Others	0.376 0.000	0.247 0.000	0.092 0.155	0.233 0.000	0.072 0.266	0.028 0.662	0.285 0.000	0.141 0.029	0.192 0.003	0.201 0.002	0.203 0.002	0.055 0.402	0.291 0.000	0.239 0.000	0.061 0.347	0.205 0.001	0.341 0.000	0.187 0.004	-0.056 0.390	0.259 0.000
T3F27R (RS) Apprpr. Needs/Feelings Expression	0.469 0.000	0.415 0.000	0.211 0.001	0.294 0.000	0.247 0.000	0.305 0.000	0.340 0.000	0.284 0.000	0.321 0.000	0.325 0.000	0.332 0.000	0.208 0.001	0.363 0.000	0.296 0.000	0.287 0.000	0.328 0.000	0.404 0.000	0.380 0.000	0.245 0.000	0.371 0.000
T3F28R (RS) Social Contact With Others	0.381 0.000	0.274 0.000	0.145 0.025	0.210 0.001	0.067 0.305	0.044 0.502	0.240 0.000	0.159 0.014	0.196 0.002	0.104 0.110	0.157 0.015	0.084 0.198	0.319 0.000	0.245 0.000	0.073 0.260	0.163 0.012	0.352 0.000	0.166 0.010	-0.074 0.253	0.243 0.000
T3F29R (RS) Thinks Before Acting	0.163 0.012	0.483 0.000	0.384 0.000	0.451 0.000	0.399 0.000	0.393 0.000	0.498 0.000	0.435 0.000	0.504 0.000	0.493 0.000	0.579 0.000	0.399 0.000	0.369 0.000	0.472 0.000	0.529 0.000	0.466 0.000	0.402 0.000	0.650 0.000	0.409 0.000	0.558 0.000
T3F30R (RS) Can Calm Down	0.198 0.002	0.366 0.000	0.288 0.000	0.361 0.000	0.461 0.000	0.484 0.000	0.372 0.000	0.360 0.000	0.391 0.000	0.517 0.000	0.603 0.000	0.358 0.000	0.381 0.000	0.410 0.000	0.553 0.000	0.424 0.000	0.364 0.000	0.551 0.000	0.437 0.000	0.446 0.000
T3F31 Avoids Social Contact	0.208 0.001	0.198 0.002	0.102 0.115	0.184 0.004	0.057 0.384	0.097 0.136	0.252 0.000	0.192 0.003	0.187 0.004	0.346 0.000	0.240 0.000	0.122 0.061	0.227 0.000	0.250 0.000	0.178 0.006	0.334 0.000	0.267 0.000	0.217 0.001	0.031 0.629	0.206 0.001
T3F32 Mind Wanders	0.074 0.258	0.405 0.000	0.127 0.050	0.442 0.000	0.051 0.432	0.098 0.131	0.396 0.000	0.557 0.000	0.453 0.000	0.183 0.005	0.175 0.007	0.178 0.006	0.249 0.000	0.436 0.000	0.215 0.001	0.461 0.000	0.422 0.000	0.221 0.001	0.038 0.559	0.498 0.000
T3F33R (RS) Understands Others Feelings	0.341 0.000	0.307 0.000	0.363 0.000	0.288 0.000	0.312 0.000	0.364 0.000	0.374 0.000	0.225 0.000	0.342 0.000	0.474 0.000	0.486 0.000	0.324 0.000	0.576 0.000	0.301 0.000	0.452 0.000	0.314 0.000	0.404 0.000	0.463 0.000	0.409 0.000	0.399 0.000
T3F34R (RS) Works Well Alone	0.115 0.078	0.550 0.000	0.251 0.000	0.588 0.000	0.171 0.008	0.169 0.009	0.544 0.000	0.440 0.000	0.613 0.000	0.257 0.000	0.313 0.000	0.231 0.000	0.358 0.000	0.577 0.000	0.288 0.000	0.482 0.000	0.491 0.000	0.402 0.000	0.182 0.005	0.651 0.000
T3F35R (RS) Suggests w/out Bossiness	0.199 0.002	0.300 0.000	0.336 0.000	0.274 0.000	0.400 0.000	0.318 0.000	0.354 0.000	0.273 0.000	0.312 0.000	0.410 0.000	0.476 0.000	0.304 0.000	0.404 0.000	0.275 0.000	0.317 0.000	0.272 0.000	0.335 0.000	0.452 0.000	0.367 0.000	0.427 0.000



	T3F21	T3F22R	T3F23	T3F24	T3F25R	T3F26R	T3F27R	T3F28R	T3F29R	T3F30R	T3F31	T3F32	T3F33R	T3F34R	T3F35R
T3F1R (RS) Friendly	0.199 0.002	0.182 0.005	0.313 0.000	0.279 0.000	0.387 0.000	0.376 0.000	0.469 0.000	0.381 0.000	0.163 0.012	0.198 0.002	0.208 0.001	0.074 0.258	0.341 0.000	0.115 0.078	0.199 0.002
T3F2R (RS) Self-Reliant	0.325 0.000	0.543 0.000	0.263 0.000	0.289 0.000	0.209 0.001	0.247 0.000	0.415 0.000	0.274 0.000	0.483 0.000	0.366 0.000	0.198 0.002	0.405 0.000	0.307 0.000	0.550 0.000	0.300 0.000
T3F3 Takes Others Property	0.427 0.000	0.375 0.000	0.364 0.000	0.466 0.000	-0.020 0.756	0.092 0.155	0.211 0.001	0.145 0.025	0.384 0.000	0.288 0.000	0.102 0.115	0.127 0.050	0.363 0.000	0.251 0.000	0.336 0.000
T3F4R (RS) Works Hard	0.260 0.000	0.683 0.000	0.238 0.000	0.408 0.000	0.126 0.053	0.233 0.000	0.294 0.000	0.210 0.001	0.451 0.000	0.361 0.000	0.184 0.004	0.442 0.000	0.288 0.000	0.588 0.000	0.274 0.000
T3F5 Yells at Others	0.394 0.000	0.215 0.001	0.460 0.000	0.458 0.000	-0.110 0.092	0.072 0.266	0.247 0.000	0.067 0.305	0.399 0.000	0.461 0.000	0.057 0.384	0.051 0.432	0.312 0.000	0.171 0.008	0.400 0.000
T3F6 Fights	0.459 0.000	0.275 0.000	0.627 0.000	0.519 0.000	-0.053 0.419	0.028 0.662	0.305 0.000	0.044 0.502	0.393 0.000	0.484 0.000	0.097 0.136	0.098 0.131	0.364 0.000	0.169 0.009	0.318 0.000
T3F7R (RS) Learns Up to Ability	0.307 0.000	0.699 0.000	0.239 0.000	0.416 0.000	0.161 0.013	0.285 0.000	0.340 0.000	0.240 0.000	0.498 0.000	0.372 0.000	0.252 0.000	0.396 0.000	0.374 0.000	0.544 0.000	0.354 0.000
T3F8 Easily Distracted	0.308 0.000	0.594 0.000	0.235 0.000	0.378 0.000	0.093 0.155	0.141 0.029	0.284 0.000	0.159 0.014	0.435 0.000	0.360 0.000	0.192 0.003	0.557 0.000	0.225 0.000	0.440 0.000	0.273 0.000
T3F9R (RS) Concentrates	0.355 0.000	0.718 0.000	0.296 0.000	0.399 0.000	0.131 0.043	0.192 0.003	0.321 0.000	0.196 0.002	0.504 0.000	0.391 0.000	0.187 0.004	0.453 0.000	0.342 0.000	0.613 0.000	0.312 0.000
T3F10 Stubborn	0.324 0.000	0.369 0.000	0.410 0.000	0.654 0.000	0.056 0.387	0.201 0.002	0.325 0.000	0.104 0.110	0.493 0.000	0.517 0.000	0.346 0.000	0.183 0.005	0.474 0.000	0.257 0.000	0.410 0.000
T3F11R (RS) Controls Temper in Disagreement	0.369 0.000	0.429 0.000	0.468 0.000	0.550 0.000	0.089 0.173	0.203 0.002	0.332 0.000	0.157 0.015	0.579 0.000	0.603 0.000	0.240 0.000	0.175 0.007	0.486 0.000	0.313 0.000	0.476 0.000
T3F12 Lies	0.436 0.000	0.360 0.000	0.451 0.000	0.458 0.000	-0.059 0.367	0.055 0.402	0.208 0.001	0.084 0.198	0.399 0.000	0.358 0.000	0.122 0.061	0.178 0.006	0.324 0.000	0.231 0.000	0.304 0.000
T3F13R (RS) Helpful to Others	0.194 0.003	0.506 0.000	0.310 0.000	0.466 0.000	0.350 0.000	0.291 0.000	0.363 0.000	0.319 0.000	0.369 0.000	0.381 0.000	0.227 0.000	0.249 0.000	0.576 0.000	0.358 0.000	0.404 0.000
T3F14R (RS) Completes Assignments	0.225 0.000	0.670 0.000	0.260 0.000	0.428 0.000	0.157 0.015	0.239 0.000	0.296 0.000	0.245 0.000	0.472 0.000	0.410 0.000	0.250 0.000	0.436 0.000	0.301 0.000	0.577 0.000	0.275 0.000
T3F15 Breaks Rules	0.530 0.000	0.441 0.000	0.649 0.000	0.687 0.000	-0.048 0.458	0.061 0.347	0.287 0.000	0.073 0.260	0.529 0.000	0.553 0.000	0.178 0.006	0.215 0.001	0.452 0.000	0.288 0.000	0.317 0.000
T3F16 Shows Poor Effort	0.348 0.000	0.610 0.000	0.273 0.000	0.457 0.000	0.093 0.151	0.205 0.001	0.328 0.000	0.163 0.012	0.466 0.000	0.424 0.000	0.334 0.000	0.461 0.000	0.314 0.000	0.482 0.000	0.272 0.000
T3F17R (RS) Eager to Learn	0.258 0.000	0.737 0.000	0.252 0.000	0.410 0.000	0.252 0.000	0.341 0.000	0.404 0.000	0.352 0.000	0.402 0.000	0.364 0.000	0.267 0.000	0.422 0.000	0.404 0.000	0.491 0.000	0.335 0.000
T3F18R (RS) Resolves Peer Problems Alone	0.405 0.000	0.527 0.000	0.467 0.000	0.547 0.000	0.059 0.368	0.187 0.004	0.380 0.000	0.166 0.010	0.650 0.000	0.551 0.000	0.217 0.001	0.221 0.001	0.463 0.000	0.402 0.000	0.452 0.000
T3F19 Teases	0.481 0.000	0.295 0.000	0.567 0.000	0.475 0.000	-0.146 0.024	-0.056 0.390	0.245 0.000	-0.074 0.253	0.409 0.000	0.437 0.000	0.031 0.629	0.038 0.559	0.409 0.000	0.182 0.005	0.367 0.000

	T3F21	T3F22R	T3F23	T3F24	T3F25R	T3F26R	T3F27R	T3F28R	T3F29R	T3F30R	T3F31	T3F32	T3F33R	T3F34R	T3F35R
T3F20R (RS) On-Task	0.343 0.000	0.790 0.000	0.319 0.000	0.447 0.000	0.151 0.020	0.259 0.000	0.371 0.000	0.243 0.000	0.558 0.000	0.446 0.000	0.206 0.001	0.498 0.000	0.399 0.000	0.651 0.000	0.427 0.000
T3F21 Breaks Things	1.000	0.338 0.000	0.550 0.000	0.454 0.000	-0.055 0.395	0.043 0.507	0.255 0.000	0.082 0.206	0.415 0.000	0.394 0.000	0.137 0.035	0.144 0.026	0.354 0.000	0.249 0.000	0.209 0.001
T3F22R (RS) Pays Attention	0.338 0.000	1.000	0.299 0.000	0.464 0.000	0.197 0.002	0.261 0.000	0.365 0.000	0.266 0.000	0.586 0.000	0.446 0.000	0.219 0.001	0.544 0.000	0.408 0.000	0.625 0.000	0.431 0.000
T3F23 Harms Others	0.550 0.000	0.299 0.000	1.000	0.547 0.000	0.012 0.850	0.072 0.266	0.365 0.000	0.090 0.167	0.416 0.000	0.513 0.000	0.124 0.056	0.074 0.257	0.456 0.000	0.250 0.000	0.292 0.000
T3F24 Disobedient	0.454 0.000	0.464 0.000	0.547 0.000	1.000	0.059 0.368	0.124 0.057	0.347 0.000	0.105 0.106	0.537 0.000	0.555 0.000	0.279 0.000	0.182 0.005	0.471 0.000	0.343 0.000	0.382 0.000
T3F25R (RS) Initiates Interactions	-0.055 0.395	0.197 0.002	0.012 0.850	0.059 0.368	1.000	0.584 0.000	0.361 0.000	0.581 0.000	-0.035 0.588	0.083 0.200	0.379 0.000	0.203 0.002	0.237 0.000	0.129 0.047	0.040 0.541
T3F26R (RS) Plays With Others	0.043 0.507	0.261 0.000	0.072 0.266	0.124 0.057	0.584 0.000	1.000	0.443 0.000	0.734 0.000	0.153 0.018	0.224 0.000	0.316 0.000	0.197 0.002	0.291 0.000	0.185 0.004	0.190 0.003
T3F27R (RS) Approp. Needs/Feelings Expression	0.255 0.000	0.365 0.000	0.365 0.000	0.347 0.000	0.361 0.000	0.443 0.000	1.000	0.419 0.000	0.403 0.000	0.386 0.000	0.191 0.003	0.300 0.000	0.499 0.000	0.270 0.000	0.284 0.000
T3F28R (RS) Social Contact With Others	0.082 0.206	0.266 0.000	0.090 0.167	0.105 0.106	0.581 0.000	0.734 0.000	0.419 0.000	1.000	0.165 0.011	0.219 0.001	0.321 0.000	0.245 0.000	0.288 0.000	0.195 0.003	0.177 0.006
T3F29R (RS) Thinks Before Acting	0.415 0.000	0.586 0.000	0.416 0.000	0.537 0.000	-0.035 0.588	0.153 0.018	0.403 0.000	0.165 0.011	1.000	0.666 0.000	0.187 0.004	0.337 0.000	0.471 0.000	0.508 0.000	0.475 0.000
T3F30R (RS) Can Calm Down	0.394 0.000	0.446 0.000	0.513 0.000	0.555 0.000	0.083 0.200	0.224 0.000	0.386 0.000	0.219 0.001	0.666 0.000	1.000	0.271 0.000	0.275 0.000	0.455 0.000	0.342 0.000	0.395 0.000
T3F31 Avoids Social Contact	0.137 0.035	0.219 0.001	0.124 0.056	0.279 0.000	0.379 0.000	0.316 0.000	0.191 0.003	0.321 0.000	0.187 0.004	0.271 0.000	1.000	0.395 0.000	0.244 0.000	0.171 0.008	0.080 0.218
T3F32 Mind Wanders	0.144 0.026	0.544 0.000	0.074 0.257	0.182 0.005	0.203 0.002	0.197 0.002	0.300 0.000	0.245 0.000	0.337 0.000	0.275 0.000	0.395 0.000	1.000	0.160 0.013	0.359 0.000	0.165 0.011
T3F33R (RS) Understands Others Feelings	0.354 0.000	0.408 0.000	0.456 0.000	0.471 0.000	0.237 0.000	0.291 0.000	0.499 0.000	0.288 0.000	0.471 0.000	0.455 0.000	0.244 0.000	0.160 0.013	1.000	0.304 0.000	0.437 0.000
T3F34R (RS) Works Well Alone	0.249 0.000	0.625 0.000	0.250 0.000	0.343 0.000	0.129 0.047	0.185 0.004	0.270 0.000	0.195 0.003	0.508 0.000	0.342 0.000	0.171 0.008	0.359 0.000	0.304 0.000	1.000	0.318 0.000
T3F35R (RS) Suggests w/out Bossiness	0.209 0.001	0.431 0.000	0.292 0.000	0.382 0.000	0.040 0.541	0.190 0.003	0.284 0.000	0.177 0.006	0.475 0.000	0.395 0.000	0.080 0.218	0.165 0.011	0.437 0.000	0.318 0.000	1.000