Social Competence Scale-Sibling Version
Grade 5/Year 6
Fast Track Project Technical Report
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Citation

Instrument

Conduct Problems Prevention Research Group (CPPRG). (1995). Social Competence Scale (Teacher Version).

Reports

James, K. (2005). Social Competence Scale-Sibling Version, Grade 5/Year 6 (Fast Track Project Technical Report). Available from the Fast Track Website, http://www.fasttrackproject.org

James, K. (2005). Social Competence Scale-Teacher Version, Kindergarten/Year 1 (Fast Track Project Technical Report). Available from the Fast Track Website, http://www.fasttrackproject.org

Corrigan, A. (2002). Social Competence Scale-Parent Version, Grade 1/Year 2 (Fast Track Project Technical Report). Available from the Fast Track Project Website, http://www.fasttrackproject.org

Conduct Problems Prevention Research Group (CPPRG). (1995). Psychometric Properties of the Social Competence Scale- Teacher and Parent Ratings. (Fast Track Project Technical Report). University Park, PA: Pennsylvania State University.

Data Sources

Unscored   P6L

Scored   SCS6

I.   Scale Description

The Social Competence Scale for siblings consists of six items on the Prosocial subscale of the Parent Social Competence measure (see the technical report on the Parent Social Competence). Examples of some statements include: 'Your child shares things with others' and 'Your child is very good at understanding other people's feelings.' The parent is asked to evaluate the prosocial behavior of their child.   A five-point Likert scale is used to coded the responses: "Not at all (0)", "A little (1)", "Moderately well (2)", "Well (3)", and "Very well (4)".

II.   Report Sample

This report contains data collected from Cohort 1, Year 6.   The collected data was taken from a high-risk control sample (n=891) and a normative sample (n=387) totaling N=1199 subjects, including overlap. Of the 1199 subjects, 720 are missing all responses, including 387 from the normative group (54 from Durham, 56 from Nashville, 64 from Pennsylvania, and 56 from Washington) and 891 from the control group (119 from Durham, 125 from Nashville, and 140 from Pennsylvania, and 148 from Washington), with overlap between the normative and control samples.

III.   Scaling

The Social Competence Scale-SiblingVersion consists of one scale; which is the Item Total (Items 1-6). The total score is calculated as the mean of responses. If more than half the items on the total score are missing responses, the score is not calculated. Measures missing all responses, also, are not scored.

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

	Normative Sample	Control Sample
Social Competence-Sibling Total Score Scale	.87	.84

IV. Differences Between Groups

T-tests of means on the total score between the normative and control samples produced the following results:

Comparison of Means for Normative and High Risk for SCS Y6							
	Normative		High-Risk				
Variable	Mean	Std Dev	Mean	Std Dev	DF	t Value	Pr > |t|
SCS6COM	2.56944	0.80602	2.50457	0.75491	472	-0.80	0.4243

V. Recommendations for Use

T-tests of means of the total score indicate that no significant differences exist between the normative and control samples on the Social Competence Sibling Scale. The internal consistency measure (Cronbach alpha values) indicates the total score has a high validity.

VI. Item and Scale Means and SDs

Means and Standard Deviations for Social Competence Sibling Scale Items
Cohort 1, Year 6, Normative Sample

Variable	N	Mean	Std Dev	Minimum	Maximum
P6LSC1	157	2.121	1.088	0.000	4.000
P6LSC2	157	2.567	1.088	0.000	4.000
P6LSC3	157	2.790	0.974	0.000	4.000
P6LSC4	157	3.064	0.911	0.000	4.000
P6LSC5	157	2.414	0.981	0.000	4.000
P6LSC6	157	2.408	1.103	0.000	4.000

**Means and Standard Deviations for Social Competence Sibling Scale Items
Cohort 1, Year 6, Control Sample**

Variable	N	Mean	Std Dev	Minimum	Maximum
P6LSC1	172	2.006	1.023	0.000	4.000
P6LSC2	172	2.465	1.136	0.000	4.000
P6LSC3	172	2.791	0.969	0.000	4.000
P6LSC4	172	3.076	0.831	0.000	4.000
P6LSC5	172	2.424	1.032	0.000	4.000
P6LSC6	170	2.253	1.055	0.000	4.000

**Means and Standard Deviations for Social Competence Scores
Cohort 1, Year 6, Normative Sample**

Analysis Variable : SCS6COM				
N	Mean	Std Dev	Minimum	Maximum
157	2.561	0.799	0.500	4.000

**Means and Standard Deviations for Social Competence Scores
Cohort 1, Year 6, Control Sample**

Analysis Variable : SCS6COM				
N	Mean	Std Dev	Minimum	Maximum
171	2.507	0.750	0.500	4.000

VII. Item and Subscale Correlations

Social Competence Scale- Subscale Correlations
Combined Normative and Control Sample

Pearson Correlation Coefficients, N = 135 Prob > |r| under H0: Rho=0						
	P6LSC1	**P6LSC2**	**P6LSC3**	**P6LSC4**	**P6LSC5**	**P6LSC6**
P6LSC1	1.00000	0.54665 <.0001	0.34119 <.0001	0.44004 <.0001	0.50098 <.0001	0.30396 0.0003
P6LSC2	0.54665 <.0001	1.00000	0.44830 <.0001	0.60946 <.0001	0.63119 <.0001	0.43512 <.0001
P6LSC3	0.34119 <.0001	0.44830 <.0001	1.00000	0.52708 <.0001	0.33233 <.0001	0.26352 0.0020
P6LSC4	0.44004 <.0001	0.60946 <.0001	0.52708 <.0001	1.00000	0.62957 <.0001	0.38788 <.0001
P6LSC5	0.50098 <.0001	0.63119 <.0001	0.33233 <.0001	0.62957 <.0001	1.00000	0.53436 <.0001
P6LSC6	0.30396 0.0003	0.43512 <.0001	0.26352 0.0020	0.38788 <.0001	0.53436 <.0001	1.00000

Social Competence Scale- Item Correlations

Pearson Correlation Coefficients Prob > |r| under H0: Rho=0 Number of Observations						
	P6LSC1	**P6LSC2**	**P6LSC3**	**P6LSC4**	**P6LSC5**	**P6LSC6**
P6LSC1	1.00000 474	0.51516 <.0001 473	0.35124 <.0001 473	0.40168 <.0001 473	0.46462 <.0001 473	0.41380 <.0001 472
P6LSC2	0.51516 <.0001 473	1.00000 474	0.48709 <.0001 473	0.52115 <.0001 473	0.60419 <.0001 473	0.48253 <.0001 472
P6LSC3	0.35124 <.0001 473	0.48709 <.0001 473	1.00000 475	0.56364 <.0001 475	0.48106 <.0001 474	0.44390 <.0001 473
P6LSC4	0.40168 <.0001 473	0.52115 <.0001 473	0.56364 <.0001 475	1.00000 475	0.57815 <.0001 474	0.40883 <.0001 473
P6LSC5	0.46462 <.0001 473	0.60419 <.0001 473	0.48106 <.0001 474	0.57815 <.0001 474	1.00000 476	0.56057 <.0001 473
P6LSC6	0.41380 <.0001 472	0.48253 <.0001 472	0.44390 <.0001 473	0.40883 <.0001 473	0.56057 <.0001 473	1.00000 473

References

Gersten, E.L. (1976). A Health Resources Inventory: The development of a measure of the personal and social competence of primary-grade children. *Journal of Consulting and Clinical Psychology*, 44, 775-786.

Kendall, P.C., & Wilcox, L.E. (1979). Self-control in children: Development of a rating scale. *Journal of Consulting and Clinical Psychology*, 47, 1020-1029.