

Parent and Teacher Involvement Measure – Teacher

Fast Track Project Technical Report

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Citation

Instrument

Conduct Problems Prevention Research Group. (1991). Parent and Teacher Involvement Measure – Teacher [On-line]. Available: <http://www.fasttrackproject.org/>

Report

Malone, P. S., Miller-Johnson, S., & Maumary-Gremaud, A. (2000). Parent and Teacher Involvement Measure – Teacher (Technical Report) [On-line]. Available: <http://www.fasttrackproject.org/>

I. Scale Description

The Parent and Teacher Involvement Measure – Teacher is a 21-item measure developed for this project to assess facets of parent and teacher involvement. Fast Track also has a 26-item parent version which includes most of the items on the teacher version, as well as additional items (see separate report for more detailed information). The measure assesses the amount and type of contact that occurs between parents and teachers, the parent's interest and comfort in talking with teachers, the parent's satisfaction with their children's school and the parent's degree of academic stimulation with their children (e.g. reading to them, taking them to the library). The answers are coded on item-specific 5-point scales where 0 represents no involvement and 4 represents high involvement.

II. Report Sample

Initial exploration was conducted on Year 1 data from all cohorts, including both high-risk ($n = 891$) and normative samples ($n = 387$ including overlap, total $N = 1199$). 159 students (13% of sample) were missing responses for the entire scale, including 59 normative students (15%) and 104 high-risk students (12%). The non-respondents included 29 students from the Durham site, 47 students from Nashville, 27 students from Pennsylvania, and 56 students from Seattle. In addition, 47 cases were missing responses for individual scale items; these students were omitted from whole-scale analyses (e.g., coefficient alpha).

III. Scaling

For these data, the 21 items, taken as a summated scale, yielded a coefficient alpha of .906 for the entire Cohort 1 sample ($n = 993$). Alpha was .906 for the normative sample ($n = 311$) and .906 for the high-risk sample ($n = 755$). Patterns of item-total correlations were substantially similar between the two groups, so further scaling comments are limited to the combined sample.

Item-total correlations ranged in magnitude from .037 (Item 10) to .816 (Item 12); the median item-total correlation was .588. Five items had notably low item-total correlations: Item 2 (.159), Item 4 (.050), Item 6 (.170), Item 8 (.150), and Item 10 (.037); other item-total correlations were no lower than .424. These

five items all assess the frequency with which the teacher initiates contact with the parent or the parent is invited to school meetings or functions.

These findings suggest that the instrument measures multiple dimensions. A Technical Report dated 4/13/95 identified three factors within the scale and constructed corresponding subscales: *Parent Comfort and Endorsement of School* (items 12-18, 20, 21), *Parent Involvement* (items 5, 6, 7, 11, 19), and *Parent-Teacher Contact* (items 1-4, 8, 9); details are in that report.

Scored datasets include scale scores for each subject for the 21-item instrument and for the three subscales noted above. Scores are mean responses to scale items; per project procedures, students failing to respond to at least half of the items of a scale receive no score.

IV. Differences Between Groups

A series of ANOVAs controlling for cohort indicated a significant difference at the .05 level between treatment and control students for only 1 of the 21 items in Year 1, and for none of the four scaled scores (the three identified in the 4/13/95 report and a total scale). No systematic differences appear to be present.

ANOVAs comparing the high-risk sample and the normative sample (excluding those students also in the high-risk sample), controlling for cohort, indicated differences on many items at the .05 level. Means were higher in the high-risk sample for items 2 (calls by teacher) and 4 (notes by teacher; note that these items are listed above as showing low item-total correlations), and, correspondingly, the parent-teacher contact subscale score. Means were higher in the normative sample for items 7 (parent attendance at special events), 11 (parent PTA attendance), and 12-21 (more general contact and comfort items), as well as the parent involvement/volunteering and parent comfort subscale scores and the whole-scale score. These differences further suggest multidimensionality in the instrument.

V. Recommendations for Use

It is recommended that analysts carefully consider the construct of interest for the specific analysis. The 21-item scale is likely to be inappropriate for many applications. The subscales identified in the previous report may be used, or other subscales conceptually or empirically identified. Also, analysts should be aware of possible distributional issues; some subscales appear positively skewed and/or subject to floor effects, particularly in the high-risk group.

VI. Item and Scale Means and SD's

PTIT Items - Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
T1BIM1	Freq Parent Called Past Year	327	0.749	0.817	0	4.000
T1BIM2	Freq Teacher Called Past Year	328	1.018	0.838	0	4.000
T1BIM3	Freq Parent Written Past Year	328	1.110	0.762	0	4.000
T1BIM4	Freq Teacher Written Past Year	327	1.590	0.871	0	4.000
T1BIM5	Freq Parent Stopped by Past Year	328	1.466	1.125	0	4.000
T1BIM6	Freq Tcher Invited Spec Event Past Year	327	1.703	0.718	0	4.000
T1BIM7	Freq Parent Attd Spec Event Past Year	327	0.997	0.801	0	4.000
T1BIM8	Freq Teacher Invited Conf Past Year	328	1.018	0.513	0	4.000
T1BIM9	Freq Parent Attended Conf Past Year	328	0.777	0.515	0	3.000
T1BIM10	Freq Teacher Invited PTA Past Year	327	1.645	0.588	0	4.000
T1BIM11	Freq Parent Attended PTA Past Year	319	0.602	0.753	0	3.000
T1BIM12	Is Parent Interested Knowing Teacher	328	2.165	1.358	0	4.000
T1BIM13	Can Teacher Talk to Parent	328	2.710	1.119	0	4.000
T1BIM14	Teacher Comfortable Talking About Probs	328	3.034	0.900	0	4.000
T1BIM15	Freq Parent Make Suggestions	328	1.695	1.289	0	4.000
T1BIM16	Does Parent Have Same Goals	322	2.522	1.155	0	4.000
T1BIM17	Freq Parent Send Things to Class	328	1.582	1.366	0	4.000
T1BIM18	Does Parent Encourage	324	2.154	1.272	0	4.000
T1BIM19	Freq Parent Volunteer	327	0.832	1.198	0	4.000
T1BIM20	Parent Involved in School Life?	325	2.108	1.244	0	4.000
T1BIM21	How Important Educ in this Family	325	2.397	1.138	0	4.000

PTIT Items - High-Risk Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
T1BIM1	Freq Parent Called Past Year	786	0.934	0.878	0	4.000
T1BIM2	Freq Teacher Called Past Year	787	1.301	0.856	0	4.000
T1BIM3	Freq Parent Written Past Year	787	1.051	0.773	0	4.000
T1BIM4	Freq Teacher Written Past Year	787	1.801	0.992	0	4.000
T1BIM5	Freq Parent Stopped by Past Year	787	1.452	1.091	0	4.000
T1BIM6	Freq Tcher Invited Spec Event Past Year	786	1.831	0.666	0	4.000
T1BIM7	Freq Parent Attd Spec Event Past Year	782	0.963	0.824	0	4.000
T1BIM8	Freq Teacher Invited Conf Past Year	782	1.106	0.566	0	4.000
T1BIM9	Freq Parent Attended Conf Past Year	784	0.879	0.555	0	4.000
T1BIM10	Freq Teacher Invited PTA Past Year	785	1.772	0.657	0	4.000
T1BIM11	Freq Parent Attended PTA Past Year	770	0.500	0.709	0	4.000
T1BIM12	Is Parent Interested Knowing Teacher	783	1.930	1.297	0	4.000
T1BIM13	Can Teacher Talk to Parent	786	2.384	1.144	0	4.000
T1BIM14	Teacher Comfortable Talking About Probs	785	2.825	1.002	0	4.000
T1BIM15	Freq Parent Make Suggestions	785	1.594	1.225	0	4.000
T1BIM16	Does Parent Have Same Goals	785	2.154	1.082	0	4.000
T1BIM17	Freq Parent Send Things to Class	786	1.158	1.216	0	4.000
T1BIM18	Does Parent Encourage	786	1.655	1.158	0	4.000
T1BIM19	Freq Parent Volunteer	786	0.536	0.965	0	4.000
T1BIM20	Parent Involved in School Life?	785	1.634	1.102	0	4.000
T1BIM21	How Important Educ in this Family	779	1.977	1.029	0	4.000

PTIT Scales - Normative Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PTT1TOT	PTT Total	328	1.611	0.592	0.238	3.048
PTT1CONT	PTT parent-teacher contact	328	1.044	0.436	0.167	2.667
PTT1INVO	PTT parent involvement and volunteering	328	1.121	0.640	0	3.400
PTT1COMF	PTT parent comfort with teacher	328	2.257	0.997	0	4.000

PTIT Scales - High-Risk Sample

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
PTT1TOT	PTT Total	787	1.498	0.571	0.190	3.333
PTT1CONT	PTT parent-teacher contact	787	1.180	0.464	0	3.167
PTT1INVO	PTT parent involvement and volunteering	787	1.059	0.594	0	3.400
PTT1COMF	PTT parent comfort with teacher	786	1.924	0.919	0	4.000

VII. Item and Scale Correlations

PTIT Items - Full Sample

Correlation Analysis

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	T1BIM1	T1BIM2	T1BIM3	T1BIM4	T1BIM5
T1BIM1	1.00000	0.49177	0.46660	0.14016	0.35876
Freq Parent Called Past Year	0.0	0.0001	0.0001	0.0001	0.0001
	1039	1039	1039	1038	1039
T1BIM2	0.49177	1.00000	0.20659	0.35435	0.17305
Freq Teacher Called Past Year	0.0001	0.0	0.0001	0.0001	0.0001
	1039	1040	1040	1039	1040
T1BIM3	0.46660	0.20659	1.00000	0.15424	0.34133
Freq Parent Written Past Year	0.0001	0.0001	0.0	0.0001	0.0001
	1039	1040	1040	1039	1040
T1BIM4	0.14016	0.35435	0.15424	1.00000	0.09838
Freq Teacher Written Past Year	0.0001	0.0001	0.0001	0.0	0.0015
	1038	1039	1039	1039	1039
T1BIM5	0.35876	0.17305	0.34133	0.09838	1.00000
Freq Parent Stopped by Past Year	0.0001	0.0001	0.0001	0.0015	0.0
	1039	1040	1040	1039	1040
T1BIM6	0.09259	0.12173	0.07440	0.18332	0.19427
Freq Tcher Invited Spec Event Past Year	0.0028	0.0001	0.0165	0.0001	0.0001
	1037	1038	1038	1037	1038
T1BIM7	0.32207	0.06961	0.30866	0.02307	0.43043
Freq Parent Attd Spec Event Past Year	0.0001	0.0251	0.0001	0.4586	0.0001
	1034	1035	1035	1034	1035
T1BIM8	0.14585	0.27690	0.07606	0.17699	0.16675
Freq Teacher Invited Conf Past Year	0.0001	0.0001	0.0144	0.0001	0.0001
	1034	1035	1035	1034	1035
T1BIM9	0.22946	0.11202	0.23101	0.06176	0.30295
Freq Parent Attended Conf Past Year	0.0001	0.0003	0.0001	0.0469	0.0001
	1036	1037	1037	1036	1037
T1BIM10	0.01692	-0.00597	-0.01148	-0.02615	-0.01331
Freq Teacher Invited PTA Past Year	0.5864	0.8476	0.7119	0.4005	0.6686
	1036	1037	1037	1036	1037
T1BIM11	0.21468	-0.00173	0.23569	-0.03835	0.30637
Freq Parent Attended PTA Past Year	0.0001	0.9562	0.0001	0.2226	0.0001
	1013	1014	1014	1013	1014
T1BIM12	0.41863	0.10950	0.41048	0.04365	0.54812
Is Parent Interested Knowing Teacher	0.0001	0.0004	0.0001	0.1605	0.0001
	1035	1036	1036	1035	1036

T1BIM13	0.27271	0.04008	0.29260	-0.03429	0.40514
Can Teacher Talk to Parent	0.0001	0.1968	0.0001	0.2697	0.0001
	1038	1039	1039	1038	1039
T1BIM14	0.22384	0.05447	0.19579	-0.03090	0.32808
Teacher Comfortable Talking About Probs	0.0001	0.0794	0.0001	0.3202	0.0001
	1037	1038	1038	1037	1038
T1BIM15	0.47283	0.18619	0.45738	0.06891	0.63663
Freq Parent Make Suggestions	0.0001	0.0001	0.0001	0.0265	0.0001
	1037	1038	1038	1037	1038
T1BIM16	0.30022	-0.01488	0.34710	-0.10289	0.38918
Does Parent Have Same Goals	0.0001	0.6331	0.0001	0.0009	0.0001
	1031	1032	1032	1031	1032
T1BIM17	0.24064	-0.01894	0.30039	0.02301	0.34890
Freq Parent Send Things to Class	0.0001	0.5419	0.0001	0.4590	0.0001
	1038	1039	1039	1038	1039
T1BIM18	0.32817	-0.00221	0.37318	-0.03338	0.39064
Does Parent Encourage	0.0001	0.9435	0.0001	0.2835	0.0001
	1034	1035	1035	1034	1035
T1BIM19	0.23694	0.03528	0.26237	-0.02795	0.43629
Freq Parent Volunteer	0.0001	0.2561	0.0001	0.3685	0.0001
	1037	1038	1038	1037	1038
T1BIM20	0.33066	0.02765	0.37949	-0.01752	0.45281
Parent Involved in School Life?	0.0001	0.3741	0.0001	0.5737	0.0001
	1034	1035	1035	1034	1035
T1BIM21	0.30690	-0.02329	0.33554	-0.07691	0.34879
How Important Educ in this Family	0.0001	0.4556	0.0001	0.0136	0.0001
	1028	1029	1029	1028	1029

PTIT Items - Full Sample

Correlation Analysis

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	T1BIM6	T1BIM7	T1BIM8	T1BIM9	T1BIM10
T1BIM1	0.09259	0.32207	0.14585	0.22946	0.01692
Freq Parent Called Past Year	0.0028	0.0001	0.0001	0.0001	0.5864
	1037	1034	1034	1036	1036
T1BIM2	0.12173	0.06961	0.27690	0.11202	-0.00597
Freq Teacher Called Past Year	0.0001	0.0251	0.0001	0.0003	0.8476
	1038	1035	1035	1037	1037
T1BIM3	0.07440	0.30866	0.07606	0.23101	-0.01148
Freq Parent Written Past Year	0.0165	0.0001	0.0144	0.0001	0.7119
	1038	1035	1035	1037	1037
T1BIM4	0.18332	0.02307	0.17699	0.06176	-0.02615
Freq Teacher Written Past Year	0.0001	0.4586	0.0001	0.0469	0.4005
	1037	1034	1034	1036	1036
T1BIM5	0.19427	0.43043	0.16675	0.30295	-0.01331
Freq Parent Stopped by Past Year	0.0001	0.0001	0.0001	0.0001	0.6686
	1038	1035	1035	1037	1037
T1BIM6	1.00000	0.29153	0.29876	0.12560	0.14212
Freq Tcher Invited Spec Event Past Year	0.0	0.0001	0.0001	0.0001	0.0001
	1038	1033	1033	1035	1035
T1BIM7	0.29153	1.00000	0.15265	0.36167	0.09567
Freq Parent Attd Spec Event Past Year	0.0001	0.0	0.0001	0.0001	0.0021
	1033	1035	1030	1033	1034
T1BIM8	0.29876	0.15265	1.00000	0.46170	0.07874
Freq Teacher Invited Conf Past Year	0.0001	0.0001	0.0	0.0001	0.0114
	1033	1030	1035	1032	1032
T1BIM9	0.12560	0.36167	0.46170	1.00000	0.09963
Freq Parent Attended Conf Past Year	0.0001	0.0001	0.0001	0.0	0.0013
	1035	1033	1032	1037	1034
T1BIM10	0.14212	0.09567	0.07874	0.09963	1.00000
Freq Teacher Invited PTA Past Year	0.0001	0.0021	0.0114	0.0013	0.0
	1035	1034	1032	1034	1037
T1BIM11	0.10111	0.48758	0.06450	0.29174	0.22020
Freq Parent Attended PTA Past Year	0.0013	0.0001	0.0405	0.0001	0.0001
	1012	1013	1009	1012	1013
T1BIM12	0.12543	0.49459	0.10565	0.36711	-0.02209
Is Parent Interested Knowing Teacher	0.0001	0.0001	0.0007	0.0001	0.4782
	1035	1031	1031	1033	1033
T1BIM13	0.00089	0.35616	0.02132	0.29606	0.00535

Can Teacher Talk to Parent	0.9772	0.0001	0.4934	0.0001	0.8635
	1037	1034	1034	1036	1036
T1BIM14	-0.02378	0.26346	0.00677	0.23057	-0.01467
Teacher Comfortable Talking About Probs	0.4445	0.0001	0.8278	0.0001	0.6373
	1036	1033	1033	1035	1035
T1BIM15	0.10347	0.48105	0.13507	0.38998	0.00824
Freq Parent Make Suggestions	0.0009	0.0001	0.0001	0.0001	0.7913
	1036	1033	1033	1035	1035
T1BIM16	0.00559	0.43317	-0.00817	0.33093	-0.01094
Does Parent Have Same Goals	0.8578	0.0001	0.7937	0.0001	0.7259
	1031	1027	1027	1029	1029
T1BIM17	0.04776	0.39641	0.00531	0.21593	0.03858
Freq Parent Send Things to Class	0.1243	0.0001	0.8645	0.0001	0.2147
	1037	1034	1034	1036	1036
T1BIM18	0.05769	0.48855	-0.02752	0.25376	0.00595
Does Parent Encourage	0.0638	0.0001	0.3776	0.0001	0.8485
	1033	1030	1030	1032	1032
T1BIM19	0.12760	0.52221	0.03797	0.19995	0.05804
Freq Parent Volunteer	0.0001	0.0001	0.2228	0.0001	0.0620
	1036	1033	1033	1035	1035
T1BIM20	0.10819	0.51421	0.01653	0.30359	-0.00652
Parent Involved in School Life?	0.0005	0.0001	0.5962	0.0001	0.8343
	1033	1030	1030	1032	1032
T1BIM21	0.04614	0.44710	-0.01600	0.27814	-0.01829
How Important Educ in this Family	0.1395	0.0001	0.6091	0.0001	0.5584
	1027	1024	1024	1026	1026

PTIT Items - Full Sample

Correlation Analysis

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	T1BIM11	T1BIM12	T1BIM13	T1BIM14	T1BIM15
T1BIM1	0.21468	0.41863	0.27271	0.22384	0.47283
Freq Parent Called Past Year	0.0001	0.0001	0.0001	0.0001	0.0001
	1013	1035	1038	1037	1037
T1BIM2	-0.00173	0.10950	0.04008	0.05447	0.18619
Freq Teacher Called Past Year	0.9562	0.0004	0.1968	0.0794	0.0001
	1014	1036	1039	1038	1038
T1BIM3	0.23569	0.41048	0.29260	0.19579	0.45738
Freq Parent Written Past Year	0.0001	0.0001	0.0001	0.0001	0.0001
	1014	1036	1039	1038	1038
T1BIM4	-0.03835	0.04365	-0.03429	-0.03090	0.06891
Freq Teacher Written Past Year	0.2226	0.1605	0.2697	0.3202	0.0265
	1013	1035	1038	1037	1037
T1BIM5	0.30637	0.54812	0.40514	0.32808	0.63663
Freq Parent Stopped by Past Year	0.0001	0.0001	0.0001	0.0001	0.0001
	1014	1036	1039	1038	1038
T1BIM6	0.10111	0.12543	0.00089	-0.02378	0.10347
Freq Tcher Invited Spec Event Past Year	0.0013	0.0001	0.9772	0.4445	0.0009
	1012	1035	1037	1036	1036
T1BIM7	0.48758	0.49459	0.35616	0.26346	0.48105
Freq Parent Attd Spec Event Past Year	0.0001	0.0001	0.0001	0.0001	0.0001
	1013	1031	1034	1033	1033
T1BIM8	0.06450	0.10565	0.02132	0.00677	0.13507
Freq Teacher Invited Conf Past Year	0.0405	0.0007	0.4934	0.8278	0.0001
	1009	1031	1034	1033	1033
T1BIM9	0.29174	0.36711	0.29606	0.23057	0.38998
Freq Parent Attended Conf Past Year	0.0001	0.0001	0.0001	0.0001	0.0001
	1012	1033	1036	1035	1035
T1BIM10	0.22020	-0.02209	0.00535	-0.01467	0.00824
Freq Teacher Invited PTA Past Year	0.0001	0.4782	0.8635	0.6373	0.7913
	1013	1033	1036	1035	1035
T1BIM11	1.00000	0.42887	0.30785	0.25258	0.39057
Freq Parent Attended PTA Past Year	0.0	0.0001	0.0001	0.0001	0.0001
	1014	1012	1013	1012	1012
T1BIM12	0.42887	1.00000	0.73085	0.58095	0.74514
Is Parent Interested Knowing Teacher	0.0001	0.0	0.0001	0.0001	0.0001
	1012	1036	1036	1035	1035
T1BIM13	0.30785	0.73085	1.00000	0.77187	0.60004

Can Teacher Talk to Parent	0.0001 1013	0.0001 1036	0.0 1039	0.0001 1038	0.0001 1038
T1BIM14	0.25258	0.58095	0.77187	1.00000	0.49134
Teacher Comfortable Talking About Probs	0.0001 1012	0.0001 1035	0.0001 1038	0.0 1038	0.0001 1037
T1BIM15	0.39057	0.74514	0.60004	0.49134	1.00000
Freq Parent Make Suggestions	0.0001 1012	0.0001 1035	0.0001 1038	0.0001 1037	0.0 1038
T1BIM16	0.37111	0.67519	0.66553	0.55526	0.63660
Does Parent Have Same Goals	0.0001 1011	0.0001 1030	0.0001 1032	0.0001 1031	0.0001 1031
T1BIM17	0.32369	0.53983	0.45334	0.36421	0.49383
Freq Parent Send Things to Class	0.0001 1013	0.0001 1036	0.0001 1039	0.0001 1038	0.0001 1038
T1BIM18	0.43436	0.64592	0.54901	0.44711	0.59673
Does Parent Encourage	0.0001 1011	0.0001 1032	0.0001 1035	0.0001 1034	0.0001 1034
T1BIM19	0.46972	0.49294	0.36704	0.30345	0.47756
Freq Parent Volunteer	0.0001 1012	0.0001 1035	0.0001 1038	0.0001 1037	0.0001 1037
T1BIM20	0.45432	0.69672	0.58807	0.47583	0.65290
Parent Involved in School Life?	0.0001 1011	0.0001 1032	0.0001 1035	0.0001 1034	0.0001 1034
T1BIM21	0.38788	0.64602	0.58135	0.45649	0.57085
How Important Educ in this Family	0.0001 1011	0.0001 1028	0.0001 1029	0.0001 1028	0.0001 1028

PTIT Items - Full Sample

Correlation Analysis

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	T1BIM16	T1BIM17	T1BIM18	T1BIM19	T1BIM20
T1BIM1	0.30022	0.24064	0.32817	0.23694	0.33066
Freq Parent Called Past Year	0.0001	0.0001	0.0001	0.0001	0.0001
	1031	1038	1034	1037	1034
T1BIM2	-0.01488	-0.01894	-0.00221	0.03528	0.02765
Freq Teacher Called Past Year	0.6331	0.5419	0.9435	0.2561	0.3741
	1032	1039	1035	1038	1035
T1BIM3	0.34710	0.30039	0.37318	0.26237	0.37949
Freq Parent Written Past Year	0.0001	0.0001	0.0001	0.0001	0.0001
	1032	1039	1035	1038	1035
T1BIM4	-0.10289	0.02301	-0.03338	-0.02795	-0.01752
Freq Teacher Written Past Year	0.0009	0.4590	0.2835	0.3685	0.5737
	1031	1038	1034	1037	1034
T1BIM5	0.38918	0.34890	0.39064	0.43629	0.45281
Freq Parent Stopped by Past Year	0.0001	0.0001	0.0001	0.0001	0.0001
	1032	1039	1035	1038	1035
T1BIM6	0.00559	0.04776	0.05769	0.12760	0.10819
Freq Tcher Invited Spec Event Past Year	0.8578	0.1243	0.0638	0.0001	0.0005
	1031	1037	1033	1036	1033
T1BIM7	0.43317	0.39641	0.48855	0.52221	0.51421
Freq Parent Attd Spec Event Past Year	0.0001	0.0001	0.0001	0.0001	0.0001
	1027	1034	1030	1033	1030
T1BIM8	-0.00817	0.00531	-0.02752	0.03797	0.01653
Freq Teacher Invited Conf Past Year	0.7937	0.8645	0.3776	0.2228	0.5962
	1027	1034	1030	1033	1030
T1BIM9	0.33093	0.21593	0.25376	0.19995	0.30359
Freq Parent Attended Conf Past Year	0.0001	0.0001	0.0001	0.0001	0.0001
	1029	1036	1032	1035	1032
T1BIM10	-0.01094	0.03858	0.00595	0.05804	-0.00652
Freq Teacher Invited PTA Past Year	0.7259	0.2147	0.8485	0.0620	0.8343
	1029	1036	1032	1035	1032
T1BIM11	0.37111	0.32369	0.43436	0.46972	0.45432
Freq Parent Attended PTA Past Year	0.0001	0.0001	0.0001	0.0001	0.0001
	1011	1013	1011	1012	1011
T1BIM12	0.67519	0.53983	0.64592	0.49294	0.69672
Is Parent Interested Knowing Teacher	0.0001	0.0001	0.0001	0.0001	0.0001
	1030	1036	1032	1035	1032
T1BIM13	0.66553	0.45334	0.54901	0.36704	0.58807

Can Teacher Talk to Parent	0.0001 1032	0.0001 1039	0.0001 1035	0.0001 1038	0.0001 1035
T1BIM14	0.55526	0.36421	0.44711	0.30345	0.47583
Teacher Comfortable Talking About Probs	0.0001 1031	0.0001 1038	0.0001 1034	0.0001 1037	0.0001 1034
T1BIM15	0.63660	0.49383	0.59673	0.47756	0.65290
Freq Parent Make Suggestions	0.0001 1031	0.0001 1038	0.0001 1034	0.0001 1037	0.0001 1034
T1BIM16	1.00000	0.57367	0.75454	0.45517	0.74477
Does Parent Have Same Goals	0.0 1032	0.0001 1032	0.0001 1031	0.0001 1031	0.0001 1031
T1BIM17	0.57367	1.00000	0.68746	0.47800	0.62469
Freq Parent Send Things to Class	0.0001 1032	0.0 1039	0.0001 1035	0.0001 1038	0.0001 1035
T1BIM18	0.75454	0.68746	1.00000	0.53002	0.82185
Does Parent Encourage	0.0001 1031	0.0001 1035	0.0 1035	0.0001 1034	0.0001 1034
T1BIM19	0.45517	0.47800	0.53002	1.00000	0.60626
Freq Parent Volunteer	0.0001 1031	0.0001 1038	0.0001 1034	0.0 1038	0.0001 1034
T1BIM20	0.74477	0.62469	0.82185	0.60626	1.00000
Parent Involved in School Life?	0.0001 1031	0.0001 1035	0.0001 1034	0.0001 1034	0.0 1035
T1BIM21	0.81758	0.58112	0.80765	0.51423	0.81773
How Important Educ in this Family	0.0001 1025	0.0001 1029	0.0001 1028	0.0001 1028	0.0001 1028

PTIT Items - Full Sample

Correlation Analysis

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	T1BIM21
T1BIM1	0.30690
Freq Parent Called Past Year	0.0001
	1028
T1BIM2	-0.02329
Freq Teacher Called Past Year	0.4556
	1029
T1BIM3	0.33554
Freq Parent Written Past Year	0.0001
	1029
T1BIM4	-0.07691
Freq Teacher Written Past Year	0.0136
	1028
T1BIM5	0.34879
Freq Parent Stopped by Past Year	0.0001
	1029
T1BIM6	0.04614
Freq Tcher Invited Spec Event Past Year	0.1395
	1027
T1BIM7	0.44710
Freq Parent Attd Spec Event Past Year	0.0001
	1024
T1BIM8	-0.01600
Freq Teacher Invited Conf Past Year	0.6091
	1024
T1BIM9	0.27814
Freq Parent Attended Conf Past Year	0.0001
	1026
T1BIM10	-0.01829
Freq Teacher Invited PTA Past Year	0.5584
	1026
T1BIM11	0.38788
Freq Parent Attended PTA Past Year	0.0001
	1011
T1BIM12	0.64602
Is Parent Interested Knowing Teacher	0.0001
	1028
T1BIM13	0.58135

Can Teacher Talk to Parent	0.0001
	1029
T1BIM14	0.45649
Teacher Comfortable Talking About Probs	0.0001
	1028
T1BIM15	0.57085
Freq Parent Make Suggestions	0.0001
	1028
T1BIM16	0.81758
Does Parent Have Same Goals	0.0001
	1025
T1BIM17	0.58112
Freq Parent Send Things to Class	0.0001
	1029
T1BIM18	0.80765
Does Parent Encourage	0.0001
	1028
T1BIM19	0.51423
Freq Parent Volunteer	0.0001
	1028
T1BIM20	0.81773
Parent Involved in School Life?	0.0001
	1028
T1BIM21	1.00000
How Important Educ in this Family	0.0
	1029

PTIT Scales - Full Sample

Correlation Analysis

3 'VAR' Variables: PTT1CONT PTT1INVO PTT1COMF

Pearson Correlation Coefficients / Prob > |R| under Ho: Rho=0 / Number of Observations

	PTT1CONT	PTT1INVO	PTT1COMF
PTT1CONT	1.00000	0.38775	0.33195
PTT parent-teacher contact	0.0	0.0001	0.0001
	1040	1040	1039
PTT1INVO	0.38775	1.00000	0.65602
PTT parent involvement and volunteering	0.0001	0.0	0.0001
	1040	1040	1039
PTT1COMF	0.33195	0.65602	1.00000
PTT parent comfort with teacher	0.0001	0.0001	0.0
	1039	1039	1039