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APPENDIX A: DEMOGRAPHIC STATISTICS

Table 22: Demographic statistics of the present study

Age of Participants	Range	Average	
Parents	25-65 years	41.0 years (S.D [#] = 5.6 years)	
Children	6-12 years	9.3 years (S.D = 1.7 years)	
Citizenship of Parents		N	%
Singaporean		822	90.7
Permanent Resident		84	9.3
Gender of Parents		N	%
Father		450	49.7
Mother		456	50.3
Gender of Children		N	%
Boy		457	50.4
Girl		449	49.6
Ethnicity of Parents		N	%
Chinese		631	69.6
Malay		173	19.1
Indian		90	9.9
Others		12	1.3
Ethnicity of Children		N	%
Chinese		634	70.0
Malay		175	19.3
Indian		88	9.7
Others		9	1.0
Approximate Monthly Household Income of Parents		N	%
\$1000 or less		43	4.8
\$1001-\$2000		207	23.3
\$2001-\$3000		198	22.3
\$3001-\$4000		138	15.6
\$4001-\$5000		152	17.1
Above \$5000		149	16.8
Type of Housing		N	%
1- or 2-room flat		19	2.1
3-room flat		164	18.1
4-room flat		368	40.6
5-room or executive flat		309	34.1
Condominium or private flat		18	2.0
Landed property		28	3.1

Employment Status of Parent Respondents	N	%
Full-time	604	66.7
Part-time	58	6.4
Not working	244	26.9
Employment Status of Fathers Interviewed	N	%
Full-time	416	92.4
Part-time	11	2.4
Not working	23	5.1
Employment Status of Mothers Interviewed	N	%
Full-time	188	41.2
Part-time	47	10.3
Not working	221	48.5
Education Levels of Parents	N	%
Little or no schooling	25	2.8
Completed Primary School	124	13.7
Some Secondary School	157	17.3
Completed "N" or "O" Levels	277	30.6
Completed "A" Levels	60	6.6
Completed Polytechnic	90	9.9
Completed University	124	13.7
Others	49	5.4
Education Levels of Children	N	%
Primary 1	151	16.7
Primary 2	148	16.3
Primary 3	155	17.1
Primary 4	156	17.2
Primary 5	147	16.2
Primary 6	149	16.4

Standard Deviation

APPENDIX B: KEY STATISTICS

Reliability

Table 23: Reliability coefficients of the scales on social and emotional well-being

Section	Cronbach Alpha	
	Parents	Children
Parent-child relationship	.49	Mother: .56 Father: .52
Grandparental relationship	.59	.61
Sibling relationship	.77	.82
Friendship	.78	.69
Emotional well-being	.63	.61
School bullying	.79	.76

Factor Analysis

Table 24: Principal component analysis (with varimax rotation) on items on mother-child relationship (children's responses), and the corresponding reliability coefficients

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings		
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%
1	2.73	24.84	24.84	2.73	24.84	24.84	2.51	22.83	22.83
2	1.79	16.27	41.11	1.79	16.27	41.11	1.86	16.95	39.78
3	1.05	9.50	50.61	1.05	9.50	50.61	1.19	10.83	50.61
Items	Rotated Components								
	1			2			3		
Spend time with child	.71								
Shows that she likes/loves child	.68								
Teach child good manners and politeness	.65								
Pay attention to what child says	.59								
Play and have fun with child	.57								
Help with homework	.45								
Scold/punish child							.83		
Get angry with child							.73		
Think it is right to scold/punish child							-.60		
Child tells mother secrets and feelings									
Argue with child									
Reliability coefficients	.69			-.16			-.37		

Table 25: Principal component analysis (with varimax rotation) on items on father-child relationship (children's responses), and the corresponding reliability coefficients

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings		
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%
1	2.64	24.01	24.01	2.64	24.01	24.01	2.15	19.50	19.50
2	1.66	15.07	39.08	1.66	15.07	39.08	1.79	16.24	35.74
3	1.16	10.56	49.64	1.16	10.56	49.64	1.53	13.90	49.64
Items	Rotated Components								
				1	2	3			
Shows that he likes/loves child				.68					
Teach child good manners and politeness				.68					
Spend time with child				.66					
Pay attention to what child says				.58					
Play and have fun with child				.48					
Scold/punish child					.82				
Get angry with child					.73				
Think it is right to scold/punish child					-.53				
Argue with child					.49				
Child tells father secrets and feelings							.79		
Help with homework							.61		
Reliability coefficients				.67	.18		.48		

Table 26: Principal component analysis (with varimax rotation) on items on grandparent-child relationship (children's responses), and the corresponding reliability coefficients

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings		
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%
1	3.74	33.97	33.97	3.74	33.97	33.97	2.96	26.95	26.95
2	1.68	15.28	49.25	1.68	15.28	49.25	2.12	19.23	46.17
3	1.11	10.05	59.30	1.11	10.05	59.30	1.44	13.13	59.30
Items	Rotated Components								
				1	2	3			
Pay attention to what child says				.77					
Shows that he likes/loves child				.76					
Teach child good manners and politeness				.73					
Play and have fun with child				.68					
Spend time with child				.61					
Think it is right to scold/punish child				.56					
Scold/punish child					.82				
Get angry with child					.79				
Argue with child					.78				
Help with homework							.78		
Child tells grandparent secrets & feelings								.76	
Reliability coefficients				.80	.75		.51		

Table 27: Principal component analysis (with varimax rotation) on items on sibling relationship (children's responses), and the corresponding reliability coefficients

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings		
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%
1	3.96	39.59	39.59	3.96	39.59	39.59	2.87	28.74	28.74
2	1.15	11.45	51.04	1.15	11.45	51.04	2.01	20.07	48.81
3	1.07	10.73	61.77	1.07	10.73	61.77	1.30	12.97	61.77
Items	Rotated Components								
				1	2	3			
Help one another with schoolwork				.81					
Tell one another about problems				.75					
Siblings help the child				.72					
Pay attention to what child says				.59					
Child shares things with siblings				.52					
Nice to the child				.49					
Care about child's feelings				.48					
Child spends time with siblings					.82				
Child has fun with siblings					.81				
Quarrel with the child						.91			
Reliability coefficients				.83	.64	-			

Table 28: Principal component analysis (with varimax rotation) on items on friendship (children's responses), and the corresponding reliability coefficients

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings		
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%
1	2.93	29.34	29.34	2.93	29.34	29.34	2.47	24.67	24.67
2	1.40	14.05	43.39	1.40	14.05	43.39	1.87	18.72	43.39
Items	Rotated Components								
				1			2		
Help one another with schoolwork				.70					
Tell one another about problems				.64					
Child spends time with friends outside school				.64					
Child shares things with friends				.63					
Friends help the child				.63					
Pay attention to what child says				.46					
Nice to the child							.73		
Care about child's feelings							.67		
Child has fun with friends							.55		
Quarrel with the child							.44		
Reliability coefficients				.70			.47		

Table 29: Principal component analysis (with varimax rotation) on items on emotional well-being (children's responses), and the corresponding reliability coefficients

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings		
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%
1	2.31	23.06	23.06	2.31	23.06	23.06	1.90	18.97	18.97
2	1.56	15.64	38.70	1.56	15.64	38.70	1.63	16.27	35.24
3	1.06	10.60	49.30	1.06	10.60	49.30	1.41	14.06	49.30
Items	Rotated Components								
				1	2	3			
Child feels very sad				.72					
Child cries when doing things				.70					
Child worries about things				.68					
Child is sick				.48					
Child is happy					.82				
Child has fun					.67				
Child thinks he/she is a good person					.65				
Child forgets things							.77		
Child wants to be alone							.64		
Child quarrels with others							.51		
Reliability coefficients				.58	.55		.46		

Table 30: Principal component analysis (with varimax rotation) on items on parent-child relationship (parents' responses), and the corresponding reliability coefficients

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings		
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%
1	2.78	25.23	25.23	2.78	25.23	25.23	1.90	17.31	17.31
2	1.64	14.90	40.12	1.64	14.90	40.12	1.85	16.85	34.16
3	1.18	10.71	50.83	1.18	10.71	50.83	1.83	16.67	50.83
Items	Rotated Components								
				1	2	3			
Scold/punish child				.77					
Get angry with child				.74					
Argue with child				.67					
Pay attention to what child says					.70				
Teach child good manners and politeness					.65				
Spend time with child					.56				
Think it is right to scold/punish child					.55				
Help with homework						.68			
Child tells parent secrets and feelings						.65			
Play and have fun with child						.62			
Parent shows that he/she likes/loves child						.63			
Reliability coefficients				.64	.57	.59			

Table 31: Principal component analysis (with varimax rotation) on items on grandparent-child relationship (parents' responses), and the corresponding reliability coefficients

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings		
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%
1	4.03	36.62	36.62	4.03	36.62	36.62	3.08	28.01	28.01
2	1.53	13.89	50.51	1.53	13.89	50.51	2.05	18.62	46.63
3	1.00	9.12	59.63	1.00	9.12	59.63	1.43	13.00	59.63
Items	Rotated Components								
				1	2	3			
Shows that he/she likes/loves child				.77					
Teach child good manners and politeness				.76					
Pay attention to what child says				.76					
Play and have fun with child				.67					
Spend time with child				.66					
Think it is right to scold/punish child				.56					
Scold/punish child					.80				
Get angry with child					.79				
Argue with child					.76				
Help with homework							.77		
Child tells grandparent secrets & feelings							.73		
Reliability coefficients				.82	.75	.47			

Table 32: Principal component analysis (with varimax rotation) on items on sibling relationship (parents' responses), and the corresponding reliability coefficients

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings			
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%	
1	3.56	35.56	35.56	3.56	35.56	35.56	2.51	25.08	25.08	
2	1.22	12.17	47.73	1.22	12.17	47.73	2.17	21.71	46.79	
3	1.05	10.50	58.23	1.05	10.50	58.23	1.15	11.45	58.23	
Items	Rotated Components									
				1			2			3
Tell one another about problems				.80						
Help one another with schoolwork				.79						
Siblings help the child				.76						
Pay attention to what child says				.53						
Child has fun with siblings							.79			
Child spends time with siblings							.72			
Nice to the child							.57			
Child shares things with siblings							.52			
Care about child's feelings							.48			
Quarrel with the child										.85
Reliability coefficient				.75			.72			-

Table 33: Principal component analysis (with varimax rotation) on items on friendship (parents' responses), and the corresponding reliability coefficients

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings		
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%
1	3.53	35.33	35.33	3.53	35.33	35.33	3.53	35.30	35.30
2	1.14	11.36	46.68	1.14	11.36	46.68	1.14	11.38	46.68
Items	Rotated Components								
				1			2		
Nice to the child				.71					
Friends help the child				.70					
Pay attention to what the child says				.69					
Care about child's feelings				.67					
Help one another with schoolwork				.66					
Tell one another about problems				.64					
Child shares things with friends				.61					
Child has fun with friends				.50					
Child quarrels with friends							-.70		
Child spends time with friends outside school							.68		
Reliability coefficients				.81			-.19		

Table 34: Principal component analysis (with varimax rotation) on items on emotional well-being (parents' responses), and the corresponding reliability coefficients

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings		
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%
1	2.38	23.82	23.82	2.38	23.82	23.82	1.86	18.56	18.56
2	1.33	13.34	37.16	1.33	13.34	37.16	1.47	14.71	33.28
3	1.03	10.29	47.45	1.03	10.29	47.45	1.42	14.18	47.45
Items	Rotated Components								
				1	2		3		
Child feels very sad				.74					
Child worries about things				.72					
Child cries when doing things				.66					
Child is sick				.43					
Child wants to be alone					.76				
Child quarrels with others					.64				
Child forgets things					.39				
Child is happy							.76		
Child has fun							.69		
Child thinks he/she is a good person							.58		
Reliability coefficients				.59	.44		.45		

**Table 35: Principal component analysis (with varimax rotation) on all items
(children's responses)**

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings		
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%
1	8.36	13.27	13.27	8.36	13.27	13.27	4.18	6.63	6.63
2	4.03	6.40	19.67	4.03	6.40	19.67	3.12	4.96	11.59
3	3.09	4.90	24.58	3.09	4.90	24.58	2.73	4.33	15.92
4	2.52	4.01	28.58	2.52	4.01	28.58	2.71	4.31	20.23
5	2.27	3.60	32.18	2.27	3.60	32.18	2.69	4.27	24.49
6	2.22	3.52	35.70	2.22	3.52	35.70	2.34	3.71	28.20
7	2.08	3.31	39.00	2.08	3.31	39.00	2.27	3.60	31.81
8	1.63	2.59	41.59	1.63	2.59	41.59	2.06	3.27	35.08
9	1.56	2.47	44.06	1.56	2.47	44.06	1.94	3.09	38.17
10	1.47	2.33	46.39	1.47	2.33	46.39	1.86	2.96	41.12
11	1.42	2.25	48.64	1.42	2.25	48.64	1.82	2.89	44.01
12	1.32	2.09	50.73	1.32	2.09	50.73	1.81	2.87	46.89
13	1.23	1.96	52.69	1.23	1.60	52.69	1.80	2.85	49.73
14	1.15	1.82	54.51	1.15	1.82	54.51	1.69	2.68	52.41
15	1.11	1.77	56.27	1.11	1.77	56.27	1.61	2.56	54.97
16	1.05	1.67	57.94	1.05	1.67	57.94	1.50	2.38	57.35
17	1.02	1.62	59.56	1.02	1.62	59.56	1.39	2.21	59.56

Table 36: Principal component analysis (with varimax rotation) on all items (parents' responses)

Components	Initial eigenvalues			Extraction sums of squared loadings			Rotation sums of squared loadings		
	Total	%Var	Cum%	Total	%Var	Cum%	Total	%Var	Cum%
1	6.66	12.57	12.57	6.66	12.57	12.57	3.56	6.72	6.72
2	3.46	6.52	19.09	3.46	6.52	19.09	3.38	6.37	13.09
3	3.01	5.67	24.75	3.01	5.67	24.75	2.82	5.32	18.41
4	2.65	5.00	29.75	2.65	5.00	29.75	2.31	4.36	22.76
5	2.18	4.11	33.86	2.18	4.11	33.86	2.09	3.94	26.70
6	1.75	3.31	37.17	1.75	3.31	37.17	1.99	3.76	30.46
7	1.63	3.08	40.25	1.63	3.08	40.25	1.96	3.70	34.16
8	1.48	2.80	43.05	1.48	2.80	43.05	1.96	3.70	37.85
9	1.39	2.61	45.66	1.39	2.61	45.66	1.85	3.49	41.34
10	1.19	2.25	47.90	1.19	2.25	47.90	1.76	3.32	44.66
11	1.17	2.21	50.11	1.17	2.21	50.11	1.66	3.13	47.79
12	1.15	2.17	52.28	1.15	2.17	52.28	1.51	2.86	50.64
13	1.07	2.02	54.30	1.07	2.02	54.30	1.50	2.82	53.47
14	1.05	1.98	56.28	1.05	1.98	56.28	1.32	2.50	55.96
15	1.01	1.91	58.18	1.01	1.91	58.18	1.18	2.22	58.18

One-way ANOVAs, Posthoc Analyses and Paired-Samples T-tests

Table 37: Comparing children's and parents' ratings on social and emotional well-being*

Items/Composite	Inter-viewee	N	Av Freq	S.D [#]	F Statistics	Partial eta squared																																																																																																																																	
Composite on Friendship	Children	906	3.5	.54	F(1,1810) = 90.28, MSE = .42, p < .01	.048																																																																																																																																	
	Parents	906	3.2	.74			Composite on Sibling Relationship	C	790	3.4	.67	F(1,1578) = 30.25, MSE = .39, p < .01	.019	P	790	3.6	.58	Parents gets angry with the child	C	906	3.0	.76	F(1,1810) = 11.25, MSE = .72, p < .01	.006	P	906	3.2	.93	Child tells parents secrets and feelings	C	906	2.6	1.05	F(1,1807) = 68.32, MSE = 1.30, p < .01	.036	P	903	3.0	1.22	Parents play and have fun with the child	C	906	3.6	.93	F(1,1810) = 15.70, MSE = .87, p < .01	.009	P	906	3.8	.93	Parents and child argue with each other	C	906	2.4	.86	F(1,1810) = 51.50, MSE = .91, p < .01	.028	P	906	2.7	1.03	Parents pay attention to what the child says	C	906	3.7	.83	F(1,1810) = 21.77, MSE = .74, p < .01	.012	P	906	3.9	.89	Parents teach the child about good manners and politeness	C	906	4.2	.76	F(1,1809) = 21.70, MSE = .61, p < .01	.012	P	905	4.3	.79	Child spends time with the parents	C	906	4.2	.68	F(1,1809) = 12.92, MSE = .49, p < .01	.007	P	905	4.3	.73	Child and grandparents argue with each other	C	795	1.6	.88	F(1,1589) = 7.28, MSE = .89, p < .01	.005	P	796	1.8	1.00	Child is sick	C	906	2.4	.82	F(1,1810) = 13.65, MSE = .64, p < .01	.007	P	906	2.3	.78	Child quarrels with others	C	905	2.4	.97	F(1,1809) = 12.54, MSE = .96, p < .01	.007	P	906	2.2	.98	Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006	P
Composite on Sibling Relationship	C	790	3.4	.67	F(1,1578) = 30.25, MSE = .39, p < .01	.019																																																																																																																																	
	P	790	3.6	.58			Parents gets angry with the child	C	906	3.0	.76	F(1,1810) = 11.25, MSE = .72, p < .01	.006	P	906	3.2	.93	Child tells parents secrets and feelings	C	906	2.6	1.05	F(1,1807) = 68.32, MSE = 1.30, p < .01	.036	P	903	3.0	1.22	Parents play and have fun with the child	C	906	3.6	.93	F(1,1810) = 15.70, MSE = .87, p < .01	.009	P	906	3.8	.93	Parents and child argue with each other	C	906	2.4	.86	F(1,1810) = 51.50, MSE = .91, p < .01	.028	P	906	2.7	1.03	Parents pay attention to what the child says	C	906	3.7	.83	F(1,1810) = 21.77, MSE = .74, p < .01	.012	P	906	3.9	.89	Parents teach the child about good manners and politeness	C	906	4.2	.76	F(1,1809) = 21.70, MSE = .61, p < .01	.012	P	905	4.3	.79	Child spends time with the parents	C	906	4.2	.68	F(1,1809) = 12.92, MSE = .49, p < .01	.007	P	905	4.3	.73	Child and grandparents argue with each other	C	795	1.6	.88	F(1,1589) = 7.28, MSE = .89, p < .01	.005	P	796	1.8	1.00	Child is sick	C	906	2.4	.82	F(1,1810) = 13.65, MSE = .64, p < .01	.007	P	906	2.3	.78	Child quarrels with others	C	905	2.4	.97	F(1,1809) = 12.54, MSE = .96, p < .01	.007	P	906	2.2	.98	Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006	P	906	4.0	1.12								
Parents gets angry with the child	C	906	3.0	.76	F(1,1810) = 11.25, MSE = .72, p < .01	.006																																																																																																																																	
	P	906	3.2	.93			Child tells parents secrets and feelings	C	906	2.6	1.05	F(1,1807) = 68.32, MSE = 1.30, p < .01	.036	P	903	3.0	1.22	Parents play and have fun with the child	C	906	3.6	.93	F(1,1810) = 15.70, MSE = .87, p < .01	.009	P	906	3.8	.93	Parents and child argue with each other	C	906	2.4	.86	F(1,1810) = 51.50, MSE = .91, p < .01	.028	P	906	2.7	1.03	Parents pay attention to what the child says	C	906	3.7	.83	F(1,1810) = 21.77, MSE = .74, p < .01	.012	P	906	3.9	.89	Parents teach the child about good manners and politeness	C	906	4.2	.76	F(1,1809) = 21.70, MSE = .61, p < .01	.012	P	905	4.3	.79	Child spends time with the parents	C	906	4.2	.68	F(1,1809) = 12.92, MSE = .49, p < .01	.007	P	905	4.3	.73	Child and grandparents argue with each other	C	795	1.6	.88	F(1,1589) = 7.28, MSE = .89, p < .01	.005	P	796	1.8	1.00	Child is sick	C	906	2.4	.82	F(1,1810) = 13.65, MSE = .64, p < .01	.007	P	906	2.3	.78	Child quarrels with others	C	905	2.4	.97	F(1,1809) = 12.54, MSE = .96, p < .01	.007	P	906	2.2	.98	Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006	P	906	4.0	1.12																			
Child tells parents secrets and feelings	C	906	2.6	1.05	F(1,1807) = 68.32, MSE = 1.30, p < .01	.036																																																																																																																																	
	P	903	3.0	1.22			Parents play and have fun with the child	C	906	3.6	.93	F(1,1810) = 15.70, MSE = .87, p < .01	.009	P	906	3.8	.93	Parents and child argue with each other	C	906	2.4	.86	F(1,1810) = 51.50, MSE = .91, p < .01	.028	P	906	2.7	1.03	Parents pay attention to what the child says	C	906	3.7	.83	F(1,1810) = 21.77, MSE = .74, p < .01	.012	P	906	3.9	.89	Parents teach the child about good manners and politeness	C	906	4.2	.76	F(1,1809) = 21.70, MSE = .61, p < .01	.012	P	905	4.3	.79	Child spends time with the parents	C	906	4.2	.68	F(1,1809) = 12.92, MSE = .49, p < .01	.007	P	905	4.3	.73	Child and grandparents argue with each other	C	795	1.6	.88	F(1,1589) = 7.28, MSE = .89, p < .01	.005	P	796	1.8	1.00	Child is sick	C	906	2.4	.82	F(1,1810) = 13.65, MSE = .64, p < .01	.007	P	906	2.3	.78	Child quarrels with others	C	905	2.4	.97	F(1,1809) = 12.54, MSE = .96, p < .01	.007	P	906	2.2	.98	Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006	P	906	4.0	1.12																														
Parents play and have fun with the child	C	906	3.6	.93	F(1,1810) = 15.70, MSE = .87, p < .01	.009																																																																																																																																	
	P	906	3.8	.93			Parents and child argue with each other	C	906	2.4	.86	F(1,1810) = 51.50, MSE = .91, p < .01	.028	P	906	2.7	1.03	Parents pay attention to what the child says	C	906	3.7	.83	F(1,1810) = 21.77, MSE = .74, p < .01	.012	P	906	3.9	.89	Parents teach the child about good manners and politeness	C	906	4.2	.76	F(1,1809) = 21.70, MSE = .61, p < .01	.012	P	905	4.3	.79	Child spends time with the parents	C	906	4.2	.68	F(1,1809) = 12.92, MSE = .49, p < .01	.007	P	905	4.3	.73	Child and grandparents argue with each other	C	795	1.6	.88	F(1,1589) = 7.28, MSE = .89, p < .01	.005	P	796	1.8	1.00	Child is sick	C	906	2.4	.82	F(1,1810) = 13.65, MSE = .64, p < .01	.007	P	906	2.3	.78	Child quarrels with others	C	905	2.4	.97	F(1,1809) = 12.54, MSE = .96, p < .01	.007	P	906	2.2	.98	Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006	P	906	4.0	1.12																																									
Parents and child argue with each other	C	906	2.4	.86	F(1,1810) = 51.50, MSE = .91, p < .01	.028																																																																																																																																	
	P	906	2.7	1.03			Parents pay attention to what the child says	C	906	3.7	.83	F(1,1810) = 21.77, MSE = .74, p < .01	.012	P	906	3.9	.89	Parents teach the child about good manners and politeness	C	906	4.2	.76	F(1,1809) = 21.70, MSE = .61, p < .01	.012	P	905	4.3	.79	Child spends time with the parents	C	906	4.2	.68	F(1,1809) = 12.92, MSE = .49, p < .01	.007	P	905	4.3	.73	Child and grandparents argue with each other	C	795	1.6	.88	F(1,1589) = 7.28, MSE = .89, p < .01	.005	P	796	1.8	1.00	Child is sick	C	906	2.4	.82	F(1,1810) = 13.65, MSE = .64, p < .01	.007	P	906	2.3	.78	Child quarrels with others	C	905	2.4	.97	F(1,1809) = 12.54, MSE = .96, p < .01	.007	P	906	2.2	.98	Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006	P	906	4.0	1.12																																																				
Parents pay attention to what the child says	C	906	3.7	.83	F(1,1810) = 21.77, MSE = .74, p < .01	.012																																																																																																																																	
	P	906	3.9	.89			Parents teach the child about good manners and politeness	C	906	4.2	.76	F(1,1809) = 21.70, MSE = .61, p < .01	.012	P	905	4.3	.79	Child spends time with the parents	C	906	4.2	.68	F(1,1809) = 12.92, MSE = .49, p < .01	.007	P	905	4.3	.73	Child and grandparents argue with each other	C	795	1.6	.88	F(1,1589) = 7.28, MSE = .89, p < .01	.005	P	796	1.8	1.00	Child is sick	C	906	2.4	.82	F(1,1810) = 13.65, MSE = .64, p < .01	.007	P	906	2.3	.78	Child quarrels with others	C	905	2.4	.97	F(1,1809) = 12.54, MSE = .96, p < .01	.007	P	906	2.2	.98	Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006	P	906	4.0	1.12																																																															
Parents teach the child about good manners and politeness	C	906	4.2	.76	F(1,1809) = 21.70, MSE = .61, p < .01	.012																																																																																																																																	
	P	905	4.3	.79			Child spends time with the parents	C	906	4.2	.68	F(1,1809) = 12.92, MSE = .49, p < .01	.007	P	905	4.3	.73	Child and grandparents argue with each other	C	795	1.6	.88	F(1,1589) = 7.28, MSE = .89, p < .01	.005	P	796	1.8	1.00	Child is sick	C	906	2.4	.82	F(1,1810) = 13.65, MSE = .64, p < .01	.007	P	906	2.3	.78	Child quarrels with others	C	905	2.4	.97	F(1,1809) = 12.54, MSE = .96, p < .01	.007	P	906	2.2	.98	Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006	P	906	4.0	1.12																																																																										
Child spends time with the parents	C	906	4.2	.68	F(1,1809) = 12.92, MSE = .49, p < .01	.007																																																																																																																																	
	P	905	4.3	.73			Child and grandparents argue with each other	C	795	1.6	.88	F(1,1589) = 7.28, MSE = .89, p < .01	.005	P	796	1.8	1.00	Child is sick	C	906	2.4	.82	F(1,1810) = 13.65, MSE = .64, p < .01	.007	P	906	2.3	.78	Child quarrels with others	C	905	2.4	.97	F(1,1809) = 12.54, MSE = .96, p < .01	.007	P	906	2.2	.98	Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006	P	906	4.0	1.12																																																																																					
Child and grandparents argue with each other	C	795	1.6	.88	F(1,1589) = 7.28, MSE = .89, p < .01	.005																																																																																																																																	
	P	796	1.8	1.00			Child is sick	C	906	2.4	.82	F(1,1810) = 13.65, MSE = .64, p < .01	.007	P	906	2.3	.78	Child quarrels with others	C	905	2.4	.97	F(1,1809) = 12.54, MSE = .96, p < .01	.007	P	906	2.2	.98	Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006	P	906	4.0	1.12																																																																																																
Child is sick	C	906	2.4	.82	F(1,1810) = 13.65, MSE = .64, p < .01	.007																																																																																																																																	
	P	906	2.3	.78			Child quarrels with others	C	905	2.4	.97	F(1,1809) = 12.54, MSE = .96, p < .01	.007	P	906	2.2	.98	Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006	P	906	4.0	1.12																																																																																																											
Child quarrels with others	C	905	2.4	.97	F(1,1809) = 12.54, MSE = .96, p < .01	.007																																																																																																																																	
	P	906	2.2	.98			Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006	P	906	4.0	1.12																																																																																																																						
Child thinks that he/she is a good person	C	906	3.8	1.03	F(1,1810) = 11.34, MSE = 1.15, p < .01	.006																																																																																																																																	
	P	906	4.0	1.12																																																																																																																																			

* Only statistically significant results are shown.

S.D = Standard Deviation

Children's Responses

Table 38: Children's perspectives on comparing their relationships with father and mother

Items	Parent	N	Av Freq	S.D	t statistics	Cohen's d
Help with the child's homework	Father	877	3.0	1.26	t(876) = 12.66, p < .01	.86
	Mother	877	3.7	1.14		
Show love towards child	Father	877	4.2	.88	t(876) = 6.75, p < .01,	.46
	Mother	877	4.4	.77		
Get angry with the child	Father	877	2.9	.94	t(876) = 5.46, p < .01,	.37
	Mother	877	3.1	.88		
Tell mother about secrets and feelings	Father	877	2.3	1.19	t(876) = 12.11, p < .01	.82
	Mother	877	2.8	1.25		
Play and have fun with mother	Father	877	3.6	1.09	t(876) = 2.49, n.s	-
	Mother	877	3.7	1.09		
Child and mother argue with each other	Father	876	2.2	1.00	t(875) = 9.42, p < .01,	.64
	Mother	876	2.6	1.04		
Pay attention to what the child says	Father	877	3.6	.96	t(876) = 4.49, p < .01,	.30
	Mother	877	3.8	.97		
Scold or punish the child	Father	877	2.8	.93	t(876) = 8.70, p < .01,	.59
	Mother	877	3.2	.93		
Think the mother is right to scold or punish	Father	877	3.5	1.15	t(876) = 4.66, p < .01,	.31
	Mother	877	3.7	1.05		
Teach the child good manners and politeness	Father	877	4.1	.95	t(876) = 4.64, p < .01,	.31
	Mother	877	4.2	.83		
Spend time with the child	Father	875	4.0	.88	t(874) = 11.46, p < .01	.78
	Mother	875	4.4	.78		

Table 39: Children's perspectives on parent-child relationship, differentiated by whether children perceived favouritism towards other siblings*

Items	Perceived favouritism	N	Av Freq	S.D	F Statistics	Partial eta squared
Father shows love towards child	Yes	123	4.0	1.10	F(1,771) = 8.12, MSE = .77, p < .01	.016
	No	650	4.2	.83		
Father gets angry with the child	Y	123	3.2	1.02	F(1,771) = 7.03, MSE = .85, p < .01	.014
	N	650	2.9	.90		
Child tells father about secrets and feelings	Y	123	2.0	1.18	F(1,771) = 8.95, MSE = 1.39, p < .01	.013
	N	650	2.3	1.18		
Father pays attention to what child says	Y	123	3.4	1.05	F(1,771) = 9.85, MSE = .92, p < .01	.011
	N	650	3.7	.94		
Father scolds or punishes the child	Y	123	3.1	1.06	F(1,771) = 13.09, MSE = .86, p < .01	.016
	N	650	2.8	.90		
Father spends time with the child	Y	123	3.8	1.01	F(1,771) = 12.65, MSE = .75, p < .01	.015
	N	650	4.1	.84		
Child tells mother about secrets and feelings	Y	137	2.5	1.26	F(1,783) = 10.36, MSE = 1.56, p < .01	.014
	N	648	2.9	1.25		
Mother plays and has fun with child	Y	137	3.4	1.25	F(1,783) = 16.11, MSE = 1.17, p < .01	.018
	N	648	3.8	1.04		
Mother pays attention to what child says	Y	137	3.5	1.04	F(1,783) = 9.94, MSE = .92, p < .01	.011
	N	648	3.8	.94		
Child thinks mother is right to scold/punish	Y	137	3.4	1.12	F(1,783) = 9.25, MSE = 1.11, p < .01	.010
	N	648	3.7	1.04		
Mother spends time with the child	Y	137	4.2	.96	F(1,782) = 9.83, MSE = .61, p < .01	.011
	N	647	4.4	.73		

* Only statistically significant results are shown.

Table 40: Children's perspectives on sibling relationships and emotional well-being, differentiated by whether children perceived favouritism by fathers towards other siblings

Items/Composite	Perceived favouritism	N	Av Freq	S.D	F Statistics	Partial eta squared
Composite on sibling relationship	Yes	123	3.2	.73	F(1,771) = 7.26, MSE = .44, p < .01	.009
	No	650	3.4	.65		
All items on emotional well-being	-	-	-	-	All n.s	-

Table 41: Children's perspectives on sibling relationships and emotional well-being, differentiated by whether children perceived favouritism by mothers towards other siblings

Items/Composite	Perceived favouritism	N	Av Freq	S.D	F Statistics	Partial eta squared
Composite on sibling relationship	Yes	137	3.3	.71	F(1,783) = 6.40, n.s	-
	No	648	3.4	.66		
Child worries about things	Y	137	3.0	1.12	F(1,783) = 9.53, MSE = 1.20, p < .01	.016
	N	648	2.7	1.09		
Child feels very sad	Y	137	2.7	1.08	F(1,783) = 8.82, MSE = 1.03, p < .01	.013
	N	648	2.4	1.00		
Child thinks he/she is a good person	Y	137	3.6	1.07	F(1,783) = 7.52, MSE = 1.05, p < .01	.013
	N	648	3.8	1.02		

Table 42: Children's perspectives on parent-child, grandparent-child and sibling relationships, friendship and emotional well-being, differentiated by children's gender*

Items	Children's Gender	N	Av Freq	S.D	F Statistics	Partial eta squared
Father gets angry with the child	Boy	446	3.0	.94	F(1,881) = 6.81, MSE = .87, p < .01	.008
	Girl	437	2.9	.92		
Father scolds or punishes the child	B	446	3.0	.94	F(1,881) = 23.66, MSE = .85, p < .01	.026
	G	437	2.7	.91		
Child tells mother about secrets and feelings	B	454	2.7	1.25	F(1,898) = 14.90, MSE = 1.54, p < .01	.016
	G	446	3.0	1.23		
Grandparent helps with homework	B	398	1.3	.74	F(1,793) = 7.19, MSE = .70, p < .01	.009
	G	397	1.4	.92		
Grandparent scolds/punishes child	B	398	2.0	1.10	F(1,793) = 6.88, MSE = 1.14, p < .01	.009
	G	397	1.8	1.03		
Composite on sibling relationship	B	399	3.4	.66	F(1,788) = .95, n.s	-
	G	391	3.4	.67		
Composite on friendship	B	457	3.4	.56	F(1,904) = 3.16, n.s	-
	G	449	3.5	.52		
All items on emotional well-being	-	-	-	-	All n.s	-

* Only statistically significant results are shown.

Table 43: Children's perspectives on parent-child, grandparent-child and sibling relationships, friendship and emotional well-being, differentiated by children's ethnicity* (with Bonferroni adjustment)

Items	Children's Ethnicity	N	Av Freq	S.D	F Statistics	Partial eta squared																																																																																																																											
Father helps with homework	Chinese	615	2.9	1.26	F(3,879) = 6.18, MSE = 1.57, p < .01	.021																																																																																																																											
	Indian	88	3.5	1.27			Child tells father about secrets and feelings	Chinese	615	2.2	1.16	F(3,879) = 5.13, MSE = 1.41, p < .01	.017	Indian	88	2.7	1.28	Father plays and has fun with child	Chinese	615	3.5	1.09	F(3,879) = 6.77, MSE = 1.18, p < .01	.023	Indian	88	3.9	1.07	Father spends time with child	Chinese	615	4.0	.90	F(3,879) = 5.19, MSE = .76, p < .01	.017	Indian	88	4.2	.79	Mother helps with homework	Chinese	629	3.6	1.18	F(3,896) = 6.82, MSE = 1.29, p < .01	.022	Indian	87	4.1	.93	Malay	175	3.7	1.06	Indian	87	4.1	.93	Child tells mother secrets and feelings	Chinese	629	2.8	1.25	F(3,896) = 4.97, MSE = 1.54, p < .01	.016	Indian	87	3.2	1.20	Mother plays and has fun with child	Chinese	629	3.6	1.08	F(3,896) = 4.89, MSE = 1.17, p < .01	.016	Indian	87	4.1	1.01	Grandparent plays and has fun with child	Chinese	563	2.7	1.16	F(3,791) = 5.27, MSE = 1.42, p < .01	.020	Malay	153	3.0	1.21	Chinese	563	2.7	1.16	Indian	72	3.1	1.38	Composite on sibling relationship	Chinese	538	3.3	.67	F(3,786) = 7.03, MSE = .44, p < .01	.026	Indian	79	3.7	.70	Composite on friendship	Chinese	634	3.4	.54	F(3,902) = 3.77, n.s	-	Malay	175	3.4	.51	Indian	88	3.6	.48	All items on emotional well-being	-	-	-
Child tells father about secrets and feelings	Chinese	615	2.2	1.16	F(3,879) = 5.13, MSE = 1.41, p < .01	.017																																																																																																																											
	Indian	88	2.7	1.28			Father plays and has fun with child	Chinese	615	3.5	1.09	F(3,879) = 6.77, MSE = 1.18, p < .01	.023	Indian	88	3.9	1.07	Father spends time with child	Chinese	615	4.0	.90	F(3,879) = 5.19, MSE = .76, p < .01	.017	Indian	88	4.2	.79	Mother helps with homework	Chinese	629	3.6	1.18	F(3,896) = 6.82, MSE = 1.29, p < .01	.022	Indian	87	4.1	.93		Malay	175	3.7	1.06			Indian	87	4.1	.93	Child tells mother secrets and feelings	Chinese	629	2.8	1.25	F(3,896) = 4.97, MSE = 1.54, p < .01	.016	Indian	87	3.2	1.20	Mother plays and has fun with child	Chinese	629	3.6	1.08	F(3,896) = 4.89, MSE = 1.17, p < .01	.016	Indian	87	4.1	1.01	Grandparent plays and has fun with child	Chinese	563	2.7	1.16	F(3,791) = 5.27, MSE = 1.42, p < .01	.020	Malay		153	3.0	1.21	Chinese			563	2.7	1.16	Indian	72	3.1	1.38	Composite on sibling relationship	Chinese	538	3.3	.67	F(3,786) = 7.03, MSE = .44, p < .01	.026	Indian	79	3.7	.70	Composite on friendship	Chinese	634	3.4	.54		F(3,902) = 3.77, n.s	-	Malay	175			3.4	.51	Indian	88	3.6	.48	All items on emotional well-being	-	-	-	-	All n.s
Father plays and has fun with child	Chinese	615	3.5	1.09	F(3,879) = 6.77, MSE = 1.18, p < .01	.023																																																																																																																											
	Indian	88	3.9	1.07			Father spends time with child	Chinese	615	4.0	.90	F(3,879) = 5.19, MSE = .76, p < .01	.017	Indian	88	4.2	.79	Mother helps with homework	Chinese	629	3.6	1.18	F(3,896) = 6.82, MSE = 1.29, p < .01	.022	Indian	87	4.1	.93		Malay	175	3.7	1.06			Indian	87	4.1	.93	Child tells mother secrets and feelings	Chinese	629	2.8	1.25	F(3,896) = 4.97, MSE = 1.54, p < .01	.016	Indian	87	3.2	1.20	Mother plays and has fun with child	Chinese	629	3.6	1.08	F(3,896) = 4.89, MSE = 1.17, p < .01	.016	Indian	87	4.1	1.01	Grandparent plays and has fun with child	Chinese	563	2.7	1.16	F(3,791) = 5.27, MSE = 1.42, p < .01	.020	Malay	153	3.0	1.21		Chinese	563	2.7	1.16			Indian	72	3.1	1.38	Composite on sibling relationship	Chinese	538	3.3	.67	F(3,786) = 7.03, MSE = .44, p < .01	.026	Indian	79	3.7	.70	Composite on friendship	Chinese	634	3.4	.54	F(3,902) = 3.77, n.s	-	Malay	175	3.4	.51		Indian	88	3.6	.48	All items on emotional well-being			-	-	-	-	All n.s	-										
Father spends time with child	Chinese	615	4.0	.90	F(3,879) = 5.19, MSE = .76, p < .01	.017																																																																																																																											
	Indian	88	4.2	.79			Mother helps with homework	Chinese	629	3.6	1.18	F(3,896) = 6.82, MSE = 1.29, p < .01	.022	Indian	87	4.1	.93		Malay	175	3.7	1.06			Indian	87	4.1	.93	Child tells mother secrets and feelings	Chinese	629	2.8	1.25	F(3,896) = 4.97, MSE = 1.54, p < .01	.016	Indian	87	3.2	1.20	Mother plays and has fun with child	Chinese	629	3.6	1.08	F(3,896) = 4.89, MSE = 1.17, p < .01	.016	Indian	87	4.1	1.01	Grandparent plays and has fun with child	Chinese	563	2.7	1.16	F(3,791) = 5.27, MSE = 1.42, p < .01	.020	Malay	153	3.0	1.21		Chinese	563	2.7	1.16			Indian	72	3.1	1.38	Composite on sibling relationship	Chinese	538	3.3	.67	F(3,786) = 7.03, MSE = .44, p < .01	.026	Indian	79	3.7	.70	Composite on friendship	Chinese	634	3.4	.54	F(3,902) = 3.77, n.s	-	Malay	175	3.4	.51		Indian	88	3.6	.48			All items on emotional well-being	-	-	-	-	All n.s	-																					
Mother helps with homework	Chinese	629	3.6	1.18	F(3,896) = 6.82, MSE = 1.29, p < .01	.022																																																																																																																											
	Indian	87	4.1	.93																																																																																																																													
	Malay	175	3.7	1.06																																																																																																																													
	Indian	87	4.1	.93																																																																																																																													
Child tells mother secrets and feelings	Chinese	629	2.8	1.25	F(3,896) = 4.97, MSE = 1.54, p < .01	.016																																																																																																																											
	Indian	87	3.2	1.20																																																																																																																													
Mother plays and has fun with child	Chinese	629	3.6	1.08	F(3,896) = 4.89, MSE = 1.17, p < .01	.016																																																																																																																											
	Indian	87	4.1	1.01																																																																																																																													
Grandparent plays and has fun with child	Chinese	563	2.7	1.16	F(3,791) = 5.27, MSE = 1.42, p < .01	.020																																																																																																																											
	Malay	153	3.0	1.21																																																																																																																													
	Chinese	563	2.7	1.16																																																																																																																													
	Indian	72	3.1	1.38																																																																																																																													
Composite on sibling relationship	Chinese	538	3.3	.67	F(3,786) = 7.03, MSE = .44, p < .01	.026																																																																																																																											
	Indian	79	3.7	.70																																																																																																																													
Composite on friendship	Chinese	634	3.4	.54	F(3,902) = 3.77, n.s	-																																																																																																																											
	Malay	175	3.4	.51																																																																																																																													
	Indian	88	3.6	.48																																																																																																																													
All items on emotional well-being	-	-	-	-	All n.s	-																																																																																																																											

* Only statistically significant results are shown.

Table 44: Children's perspectives on parent-child, grandparent-child and sibling relationships, friendship and emotional well-being, differentiated by parents' income* (with Bonferroni adjustment)

Items	Parents' Income	N	Av Freq	S.D	F Statistics	Partial eta squared
Father helps with homework	\$1000 or less	35	2.3	1.34	F(5,860) = 6.62, MSE = 1.55, p < .01	.037
	\$2001-\$3000	195	3.0	1.29		
	\$1000 or less	35	2.3	1.34		
	\$3001-\$4000	135	3.1	1.32		
	\$1000 or less	35	2.3	1.34		
	\$4001-\$5000	148	3.3	1.08		
	\$1000 or less	35	2.3	1.34		
	Above \$5000	148	3.3	1.24		
	\$1001-\$2000	205	2.8	1.25		
\$4001-\$5000	148	3.3	1.08			
\$1001-\$2000	205	2.8	1.25			
Above \$5000	148	3.3	1.24			
Father shows he likes/loves the child	\$1000 or less	35	3.9	1.19	F(5,860) = 3.92, MSE = .76, p < .01	.022
	\$3001-\$4000	135	4.4	.81		
Mother helps with homework	\$1001-\$2000	206	3.4	1.19	F(5,875) = 6.95, MSE = 1.26, p < .01	.038
	\$4001-\$5000	151	4.0	1.02		
	\$1001-\$2000	206	3.4	1.19		
	Above \$5000	149	4.0	1.01		
	\$2001-\$3000	196	3.6	1.14		
	\$4001-\$5000	151	4.0	1.02		
	\$2001-\$3000	196	3.6	1.14		
Above \$5000	149	4.0	1.01			
Mother shows she likes/loves the child	\$1000 or less	42	4.1	.99	F(5,875) = 3.79, MSE = .58, p < .01	.021
	\$3001-\$4000	137	4.5	.79		
	\$1000 or less	42	4.1	.99		
	\$4001-\$5000	151	4.5	.65		
	\$1000 or less	42	4.1	.99		
Above \$5000	149	4.5	.63			
Mother gets angry with the child	\$2001-\$3000	196	3.3	.85	F(5,875) = 3.18, MSE = .76, p < .01	.018
	Above \$5000	149	3.0	.70		
All items on grandparent-child relationship	-	-	-	-	All n.s	-
Composite on sibling relationship	\$1000 or less	36	3.3	.63	F(5,767) = 2.18, n.s	-
	\$1001-\$2000	183	3.4	.64		
	\$2001-\$3000	172	3.4	.66		
	\$3001-\$4000	118	3.5	.62		
	\$4001-\$5000	134	3.4	.67		
	Above \$5000	130	3.3	.73		
Composite on friendship	\$1000 or less	43	3.5	.48	F(5,881) = 1.12, n.s	-
	\$1001-\$2000	207	3.5	.53		
	\$2001-\$3000	198	3.5	.56		
	\$3001-\$4000	138	3.5	.51		
	\$4001-\$5000	152	3.5	.54		
	Above \$5000	149	3.4	.54		
All items on emotional well-being	-	-	-	-	All n.s	-

* Only statistically significant results are shown.

Table 45: Children's perspectives on parent-child, grandparent-child and sibling relationships, friendship and emotional well-being, differentiated by parents' employment status* (with Bonferroni adjustment)

Items/Composite	Employment Status	N	Av Freq	S.D	F Statistics	Partial eta squared
All items on father-child relationship	-	-	-	-	All n.s	-
Mother spends time with child	Dual-income Single-income	444 438	4.3 4.5	.85 .69	F(4,893) = 4.17, MSE = .60, p < .01	.018
All items on grandparent-child relationship	-	-	-	-	All n.s	-
Composite on sibling relationship	Both unemployed Dual-income Single-income	14 383 393	3.4 3.3 3.4	.80 .69 .64	F(5,784) = 2.10, n.s	-
Composite on friendship	Both unemployed Dual-income Single-income	16 447 443	3.3 3.5 3.5	.71 .56 .52	F(5,900) = .86, n.s	-
All items on emotional well-being	-	-	-	-	All n.s	-

* Only statistically significant results are shown.

Table 46: Children's perspectives on parent-child, grandparent-child and sibling relationships, friendship and emotional well-being, differentiated by housing type* (with Bonferroni adjustment)

Items/Composite	Housing Type	N	Av Freq	S.D	F Statistics	Partial eta squared																																																																																																																																																																																																							
Father helps with homework	3-room	157	2.8	1.33	F(5,877) = 3.89, MSE = 1.57, p < .01	.022																																																																																																																																																																																																							
	5-room/executive	303	3.2	1.18			Father argues with child	1- or 2-room	15	1.5	.74	F(5,877) = 3.76, MSE = .97, p < .01	0.21	5-room	303	2.3	.98	3-room	157	2.3	1.04	Landed property	28	1.7	.71	5-room/executive	303	2.3	.98	Father thinks he is right to scold/punish child	4-room	362	3.7	1.11	F(5,877) = 4.20, MSE = 1.29, p < .01	.023	Landed property	28	2.8	.86	5-room/executive	303	3.5	1.14	Father spends time with child	4-room	362	4.0	.86	F(5,877) = 4.56, MSE = .76, p < .01	.025	1- or 2-room	15	3.3	1.28	5-room/executive	303	4.2	.80	1- or 2-room	15	3.3	1.28	Landed property	28	4.1	.93	Mother helps with homework	1- or 2-room	19	3.1	1.24	F(5,894) = 6.90, MSE = 1.27, p < .01	.037	5-room/executive	309	3.9	1.07	1- or 2-room	19	3.1	1.24	Landed property	28	4.1	.89	3-room	161	3.4	1.26	5-room/executive	309	3.9	1.07	3-room	161	3.4	1.26	Landed property	28	4.1	.89	4-room	365	3.6	1.12	5-room/executive	309	3.9	1.07	Mother thinks she is right to scold/punish child	3-room	161	3.6	1.09	F(5,894) = 4.77, MSE = 1.09, p < .01	.026	Landed property	28	2.9	.79	4-room	365	3.8	1.06	Landed property	28	2.9	.79	5-room/executive	309	3.7	1.01	Grandparent gets angry with child	4-room	320	1.8	1.00	F(5,789) = 3.08, MSE = 1.07, p < .01	.019	5-room/executive	275	2.1	1.10	Grandparent spends time with child	Condominium	18	2.7	1.07	F(5,789) = 3.10, MSE = 1.25, p < .01	.019	Landed property	28	3.9	1.07	Composite on sibling relationship	1- or 2-room	17	3.3	.55	F(5,784) = 2.67, n.s	-	3-room	142	3.4	.67	4-room	311	3.4	.65	5-room/executive	281	3.4	.67	Condominium	15	2.8	.63	Landed property	24	3.6	.84	Composite on friendship	1- or 2-room	19	3.1	.45	F(5,900) = 3.46, MSE = .29, p < .01	.019	3-room	164	3.5	.51	1- or 2-room	19	3.1	.45	5-room/executive	309	3.5	.53	All items on emotional well-being	-	-	-
Father argues with child	1- or 2-room	15	1.5	.74	F(5,877) = 3.76, MSE = .97, p < .01	0.21																																																																																																																																																																																																							
	5-room	303	2.3	.98																																																																																																																																																																																																									
	3-room	157	2.3	1.04																																																																																																																																																																																																									
	Landed property	28	1.7	.71																																																																																																																																																																																																									
	5-room/executive	303	2.3	.98																																																																																																																																																																																																									
Father thinks he is right to scold/punish child	4-room	362	3.7	1.11	F(5,877) = 4.20, MSE = 1.29, p < .01	.023																																																																																																																																																																																																							
	Landed property	28	2.8	.86																																																																																																																																																																																																									
	5-room/executive	303	3.5	1.14																																																																																																																																																																																																									
Father spends time with child	4-room	362	4.0	.86	F(5,877) = 4.56, MSE = .76, p < .01	.025																																																																																																																																																																																																							
	1- or 2-room	15	3.3	1.28																																																																																																																																																																																																									
	5-room/executive	303	4.2	.80																																																																																																																																																																																																									
	1- or 2-room	15	3.3	1.28																																																																																																																																																																																																									
	Landed property	28	4.1	.93																																																																																																																																																																																																									
Mother helps with homework	1- or 2-room	19	3.1	1.24	F(5,894) = 6.90, MSE = 1.27, p < .01	.037																																																																																																																																																																																																							
	5-room/executive	309	3.9	1.07																																																																																																																																																																																																									
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	3-room	161	3.4	1.26																																																																																																																																																																																																									
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	3-room	161	3.4	1.26																																																																																																																																																																																																									
	Landed property	28	4.1	.89																																																																																																																																																																																																									
	4-room	365	3.6	1.12																																																																																																																																																																																																									
5-room/executive	309	3.9	1.07																																																																																																																																																																																																										
Mother thinks she is right to scold/punish child	3-room	161	3.6	1.09	F(5,894) = 4.77, MSE = 1.09, p < .01	.026																																																																																																																																																																																																							
	Landed property	28	2.9	.79																																																																																																																																																																																																									
	4-room	365	3.8	1.06																																																																																																																																																																																																									
	Landed property	28	2.9	.79																																																																																																																																																																																																									
	5-room/executive	309	3.7	1.01																																																																																																																																																																																																									
Grandparent gets angry with child	4-room	320	1.8	1.00	F(5,789) = 3.08, MSE = 1.07, p < .01	.019																																																																																																																																																																																																							
	5-room/executive	275	2.1	1.10																																																																																																																																																																																																									
Grandparent spends time with child	Condominium	18	2.7	1.07	F(5,789) = 3.10, MSE = 1.25, p < .01	.019																																																																																																																																																																																																							
	Landed property	28	3.9	1.07																																																																																																																																																																																																									
Composite on sibling relationship	1- or 2-room	17	3.3	.55	F(5,784) = 2.67, n.s	-																																																																																																																																																																																																							
	3-room	142	3.4	.67																																																																																																																																																																																																									
	4-room	311	3.4	.65																																																																																																																																																																																																									
	5-room/executive	281	3.4	.67																																																																																																																																																																																																									
	Condominium	15	2.8	.63																																																																																																																																																																																																									
	Landed property	24	3.6	.84																																																																																																																																																																																																									
Composite on friendship	1- or 2-room	19	3.1	.45	F(5,900) = 3.46, MSE = .29, p < .01	.019																																																																																																																																																																																																							
	3-room	164	3.5	.51																																																																																																																																																																																																									
	1- or 2-room	19	3.1	.45																																																																																																																																																																																																									
	5-room/executive	309	3.5	.53																																																																																																																																																																																																									
All items on emotional well-being	-	-	-	-	All n.s	-																																																																																																																																																																																																							

* Only statistically significant results are shown.

Table 47: Children's perspectives on parent-child, grandparent-child and sibling relationships, friendship and emotional well-being, differentiated by children's education levels* (with Bonferroni adjustment)

Items/Composite	Education Levels	N	Av Freq	S.D	F Statistics	Partial eta squared
All items on parent-child relationships	-	-	-	-	All n.s	-
All items on grandparent-child relationship	-	-	-	-	All n.s	-
Composite on sibling relationship	Primary 1	121	3.4	.72	F(5,784) = .22, n.s	-
	P2	129	3.4	.64		
	P3	137	3.3	.70		
	P4	140	3.4	.60		
	P5	132	3.4	.64		
	P6	131	3.4	.71		
Composite on friendship	P1	151	3.4	.62	F(5,900) = 6.36, MSE = .28, p < .01	.034
	P5	147	3.6	.51		
	P2	148	3.4	.50		
	P5	147	3.6	.51		
	P3	155	3.4	.52		
	P5	147	3.6	.51		
	P1	151	3.4	.62		
	P6	149	3.6	.51		
	P2	148	3.4	.50		
	P6	149	3.6	.51		
	P3	155	3.4	.52		
	P6	149	3.6	.51		
Child worries about things	P1	151	2.5	1.19	F(5,900) = 4.24, MSE = 1.22, p < .01	.023
	P4	156	2.9	1.13		
	P1	151	2.5	1.19		
	P5	147	2.9	1.10		
Child quarrels with others	P1	151	2.2	.98	F(5,899) = 5.62, MSE = .93, p < .01	.030
	P3	155	2.6	1.03		
	P1	151	2.2	.98		
	P4	156	2.6	.96		
	P2	148	2.2	.91		
	P3	155	2.6	1.03		
	P2	148	2.2	.91		
	P4	156	2.6	.96		

* Only statistically significant results are shown.

Table 48: Children's perspectives on parent-child and grandparent-child relationships, friendship and emotional well-being, differentiated by whether children have siblings*

Items	Siblings	N	Av Freq	S.D	F Statistics	Partial eta squared
All items on parent-child relationship	-	-	-	-	All n.s	-
Child tells grandparent secrets and feelings	Y N	700 95	1.7 2.1	1.04 1.13	F(1,793) = 11.15, MSE = 1.10, p < .01	.014
Grandparent and child argue with each other	Y N	700 95	1.6 1.9	.86 1.01	F(1,793) = 7.86, MSE = .77, p < .01	.010
Composite on friendship	Y N	790 116	3.5 3.4	.54 .56	F(1,904) = .30, n.s	-
All items on emotional well-being	-	-	-	-	All n.s	-

* Only statistically significant results are shown for grandparent-child relationship.

Table 49: Children's perspectives on the difference between the quality of sibling relationship and friendship

Composite	N	Av Freq	S.D	t Statistics	Cohen's d
Composite on sibling relationship	790	3.4	.67	t(789) = 3.11,	.22
Composite on friendship	790	3.5	.54	p < .01,	

* Only statistically significant results are shown.

Table 50: Children's perspectives on friendship and emotional well-being, differentiated by whether children find it easy to make friends in school*

Items	Easy to make friends	N	Av Freq	S.D	F Statistics	Partial eta squared
Composite on friendship	Yes No	847 58	3.5 3.2	.53 .57	F(1,903) = 10.25, MSE = .29, p < .01	.011
Child worries about things	Y N	847 58	2.7 3.2	1.10 1.25	F(1,903) = 10.44, MSE = 1.23, p < .01	.011

* Only statistically significant results are shown.

Parent's Responses

Table 51: Parents' perspectives on parent-child, grandparent-child and sibling relationships, friendship and emotional well-being, differentiated by parents' gender*

Items/Composite	Parents' Gender	N	Av Freq	S.D	F Statistics	Partial eta squared
Parent helps with the child's homework	Father Mother	450 456	3.2 3.7	1.25 1.29	F(1,904) = 39.83, MSE = 1.61, p < .01	.042
Parent shows love towards the child	Father Mother	449 453	4.3 4.5	.82 .77	F(1,900) = 11.16, MSE = .63, p < .01	.012
Parent gets angry with the child	Father Mother	450 456	3.0 3.4	.89 .93	F(1,904) = 40.35, MSE = .83, p < .01	.043
Child tells parents about secrets and feelings	Father Mother	449 454	2.7 3.3	1.21 1.15	F(1,901) = 64.12, MSE = 1.39, p < .01	.066
Child and parent argue with each other	Father Mother	450 456	2.6 2.9	.97 1.07	F(1,904) = 23.99, MSE = 1.04, p < .01	.026
Parent scolds or punishes the child	Father Mother	449 456	2.9 3.2	.92 .98	F(1,903) = 14.26, MSE = .90, p < .01	.016
Think the parent is right to scold/punish the child	Father Mother	450 456	3.6 3.8	1.11 1.06	F(1,904) = 8.24, MSE = 1.18, p < .01	.009
Parent spends time with the child	Father Mother	450 455	4.2 4.4	.71 .73	F(1,903) = 20.29, MSE = .52, p < .01	.022
All items on grandparent-child relationship	-	-	-	-	All n.s	-
Composite on sibling relationship	Father Mother	401 389	3.6 3.5	.57 .58	F(1,788) = 2.64, n.s	-
Composite on friendship	Father Mother	450 456	3.1 3.2	.73 .75	F(1,904) = 3.53, n.s	-
Child worries about things	Father Mother	450 456	2.5 2.9	1.16 1.21	F(1,904) = 16.71, MSE = 1.41, p < .01	.018

* Only statistically significant results are shown for parent-child relationship and emotional well-being.

Table 52: Parents' perspectives on parent-child, grandparent-child and sibling relationships, friendship and emotional well-being, differentiated by parents' ethnicity* (with Bonferroni adjustment)

Items/Composite	Parents' Ethnicity	N	Av Freq	S.D	F Statistics	Partial eta squared
Parent helps with homework	Chinese	631	3.3	1.33	F(3,902) = 8.84, MSE = 1.64, p < .01	.029
	Indian	90	3.8	1.21		
	Chinese	631	3.3	1.33		
	Malay	173	3.8	1.13		
Grandparent plays and has fun with child	Chinese	562	2.8	1.14	F(3,792) = 3.88, MSE = 1.39, p < .01	.014
	Malay	151	3.1	1.21		
Composite on sibling relationship	Chinese	535	3.5	.57	F(3,786) = 5.40, MSE = .33, p < .01	.020
	Indian	81	3.7	.48		
Composite on friendship	Chinese	631	3.1	.74	F(3,902) = 2.76, n.s	-
	Malay	173	3.2	.78		
	Indian	90	3.3	.62		
Child is happy	Chinese	631	4.3	.76	F(3,902) = 6.11, MSE = .54, p < .01	.020
	Indian	90	4.6	.59		
Child thinks he/she is a good person	Chinese	631	3.9	1.16	F(3,902) = 5.36, MSE = 1.24, p < .01	.018
	Indian	90	4.4	.93		

* Only statistically significant results are shown for parent-child and grandparent-child relationships and emotional well-being.

Table 53: Parents' perspectives on parent-child, grandparent-child and sibling relationships, friendship and emotional well-being, differentiated by parents' income* (with Bonferroni adjustment)

Items/Composite	Parents' Income	N	Av Freq	S.D	F Statistics	Partial eta squared
Parent helps with homework	\$1000 or less	43	2.9	1.20	F(5,881) = 5.29, MSE = 1.64, p < .01	.029
	\$4001-\$5000	152	3.7	1.21		
	\$1000 or less	43	2.9	1.20		
	Above \$5000	149	3.7	1.10		
	\$1001-\$2000	207	3.2	1.41		
	\$4001-\$5000	152	3.7	1.21		
	\$1001-\$2000	207	3.2	1.41		
Above \$5000	149	3.7	1.10			
Child tells parent secrets and feelings	\$1000 or less	42	2.6	1.23	F(5,879) = 3.10, MSE = 1.46, p < .01	.017
	\$3001-\$4000	137	3.2	1.24		
Grandparent gets angry with child	\$1001-\$2000	175	1.7	.90	F(5,777) = 3.19, MSE = 1.08, p < .01	.020
	Above \$5000	140	2.2	1.12		
Grandparent scolds/punishes child	\$1001-\$2000	175	1.7	.91	F(5,777) = 3.08, MSE = 1.12, p < .01	.019
	\$2001-\$3000	181	2.1	1.14		
Composite on sibling relationship	\$1000 or less	36	3.4	.64	F(5,767) = 2.95, n.s	-
	\$1001-\$2000	183	3.6	.58		
	\$2001-\$3000	172	3.5	.59		
	\$3001-\$4000	118	3.6	.58		
	\$4001-\$5000	134	3.6	.51		
	Above \$5000	130	3.5	.56		
Composite on friendship	\$1000 or less	43	3.0	.79	F(5,881) = 2.26, n.s	-
	\$1001-\$2000	207	3.1	.82		
	\$2001-\$3000	198	3.2	.73		
	\$3001-\$4000	138	3.2	.77		
	\$4001-\$5000	152	3.3	.64		
	Above \$5000	149	3.2	.64		
All items on emotional well-being	-	-	-	-	All n.s	-

* Only statistically significant results are shown for parent-child and grandparent-child relationships.

Table 54: Parents' perspectives on parent-child, grandparent-child and sibling relationships, friendship and emotional well-being, differentiated by parents' employment status* (with Bonferroni adjustment)

Items/Composite	Employment Status	N	Av Freq	S.D	F Statistics	Partial eta squared
Parent helps with homework	Not employed	224	3.7	1.28	F(2,903) = 8.27, MSE = 1.66, p < .01	.018
	Full-time	604	3.4	1.26		
	Not employed	224	3.7	1.28		
	Part-time	58	3.1	1.57		
Child tells parent secrets and feelings	Not employed	241	3.3	1.20	F(2,900) = 13.40, MSE = 1.45, p < .01	.029
	Full-time	604	2.9	1.21		
	Not employed	241	3.3	1.20		
	Part-time	58	2.6	1.20		
Child and parent argue with each other	Not employed	244	2.9	1.04	F(2,903) = 5.04, MSE = 1.06, p < .01	.011
	Full-time	604	2.7	1.00		
Parent spends time with the child	Not employed	244	4.5	.64	F(2,902) = 15.79, MSE = .51, p < .01	.034
	Full-time	603	4.2	.73		
	Not employed	244	4.5	.64		
	Part-time	58	4.2	.79		
All items on grandparent-child relationship	-	-	-	-	All n.s	-
Composite on sibling relationship	Not employed	219	3.5	.58	F(2,787) = 2.46, n.s.	-
	Full-time	526	3.6	.57		
	Part-time	45	3.4	.62		
Composite on Friendship	Not employed	244	3.2	.75	F(2,903) = .92, n.s	-
	Full-time	604	3.2	.73		
	Part-time	58	3.1	.80		
All items on emotional well-being	-	-	-	-	All n.s	-

* Only statistically significant results are shown for parent-child relationship.

Table 55: Parents' perspectives on parent-child, grandparent-child and sibling relationships, friendship and emotional well-being, differentiated by housing types* (with Bonferroni adjustment)

Items/Composite	Housing Type	N	Av Freq	S.D	F Statistics	Partial eta squared
Parent helps with homework	3-room	164	3.2	1.46	F(5,900) = 4.76, MSE = 1.65, p < .01	.026
	5-room/executive	309	3.7	1.19		
	4-room	368	3.3	1.31		
	5-room/executive	309	3.7	1.19		
All items on grandparent-child relationship	-	-	-	-	All n.s	-
Composite on sibling relationship	1- or 2-room	17	3.5	.63	F(5,784) = .75, n.s.	-
	3-room	142	3.6	.62		
	4-room	311	3.6	.56		
	5-room/executive	281	3.5	.57		
	Condominium	15	3.4	.59		
	Landed Property	24	3.7	.57		
Composite on friendship	1- or 2-room	19	2.8	.93	F(5,900) = 2.19, n.s	-
	3-room	164	3.1	.75		
	4-room	368	3.2	.78		
	5-room/executive	309	3.2	.69		
	Condominium	18	3.2	.60		
	Landed Property	28	3.3	.60		
Child wants to be alone	3-room	164	1.8	1.12	F(5,900) = 3.85, MSE = 1.10, p < .01	.021
	4-room	368	2.1	1.07		

* Only statistically significant results are shown for parent-child relationship and emotional well-being.

Table 56: Parents' perspectives on parent-child, grandparent-child and sibling relationships, friendship and emotional well-being, differentiated by parents' education level* (with Bonferroni adjustment)

Items/Composite	Parents' Education	N	Av Freq	S.D	F Statistics	Partial eta squared
Parent helps with homework	Little/no schooling	25	2.4	1.58	F(7,898) = 10.89, MSE = 1.56, p < .01	.078
	Some Secondary	157	3.3	1.29		
	Little/no schooling	25	2.4	1.58		
	Completed N or O Levels	277	3.7	1.18		
	Little/no schooling	25	2.4	1.58		
	Completed A Levels	60	3.7	1.27		
	Little/no schooling	25	2.4	1.58		
	Completed Polytechnic	90	3.7	1.10		
	Little/no schooling	25	2.4	1.58		
	Completed University	124	3.7	1.22		
	Completed Primary	124	2.8	1.41		
	Some Secondary	157	3.3	1.29		
	Completed Primary	124	2.8	1.41		
	Completed N or O Levels	277	3.7	1.18		
	Completed Primary	124	2.8	1.41		
	Completed A Levels	60	3.7	1.27		
	Completed Primary	124	2.8	1.41		
	Completed Polytechnic	90	3.7	1.10		
	Completed Primary	124	2.8	1.41		
	Completed University	124	3.7	1.22		
Child tells parent secrets and feelings	Little/no schooling	25	2.2	1.40	F(7,895) = 5.68, MSE = 1.44, p < .01	.043
	Completed N or O Levels	276	3.1	1.18		
	Little/no schooling	25	2.2	1.40		
	Completed A Levels	60	3.5	1.17		
	Little/no schooling	25	2.2	1.40		
	Completed Polytechnic	90	3.2	1.20		
	Little/no schooling	25	2.2	1.40		
	Completed University	124	3.1	1.02		
	Completed Primary	122	2.6	1.33		
	Completed N or O Levels	276	3.1	1.18		
	Completed Primary	122	2.6	1.33		
	Completed A Levels	60	3.5	1.17		
	Some Secondary	157	2.9	1.22		
	Completed A Levels	60	3.5	1.17		
	Levels					

Items/Composite	Parents' Education	N	Av Freq	S.D	F Statistics	Partial eta squared																																																																									
Parent thinks he/she is right to scold/punish child	Completed A Levels	60	3.4	.99	F(7,898) = 3.01, MSE = 1.17, p < .01	.023																																																																									
	Completed Polytechnic	90	3.7	1.04			Parent thinks grandparent is right to scold/punish	Some Secondary	126	2.4	1.63	F(7,788) = 2.94, MSE = 2.58, p < .01	.025	Completed N or O Levels	250	3.0	1.62	Composite on sibling relationship	Little/no schooling	20	3.7	.58	F(7,782) = .98, n.s	-	Completed Primary	106	3.6	.60	Some Secondary	141	3.7	.61	Completed N or O Levels	241	3.5	.57	Completed A Levels	49	3.5	.60	Completed Polytechnic	82	3.5	.53	Completed University	107	3.6	.51	Composite on friendship	Completed Primary	124	3.0	.88	F(7,898) = 3.93, MSE = .54, p < .01	.030	Completed University	124	3.4	.66	Some Secondary	157	3.0	.82	Completed N or O Levels	277	3.3	.65	Some Secondary	157	3.0	.82	All items on emotional well-being	Completed University	124	3.4	.66	All n.s	-	Completed University
Parent thinks grandparent is right to scold/punish	Some Secondary	126	2.4	1.63	F(7,788) = 2.94, MSE = 2.58, p < .01	.025																																																																									
	Completed N or O Levels	250	3.0	1.62			Composite on sibling relationship	Little/no schooling	20	3.7	.58	F(7,782) = .98, n.s	-	Completed Primary	106	3.6	.60		Some Secondary	141	3.7	.61			Completed N or O Levels	241	3.5	.57	Completed A Levels	49	3.5	.60	Completed Polytechnic	82	3.5	.53	Completed University	107	3.6	.51	Composite on friendship	Completed Primary	124	3.0	.88	F(7,898) = 3.93, MSE = .54, p < .01	.030	Completed University		124	3.4	.66	Some Secondary			157	3.0	.82	Completed N or O Levels	277	3.3	.65	Some Secondary	157	3.0	.82	All items on emotional well-being	Completed University	124	3.4	.66	All n.s	-	Completed University	124	3.4	.66		
Composite on sibling relationship	Little/no schooling	20	3.7	.58	F(7,782) = .98, n.s	-																																																																									
	Completed Primary	106	3.6	.60																																																																											
	Some Secondary	141	3.7	.61																																																																											
	Completed N or O Levels	241	3.5	.57																																																																											
	Completed A Levels	49	3.5	.60																																																																											
	Completed Polytechnic	82	3.5	.53																																																																											
	Completed University	107	3.6	.51																																																																											
Composite on friendship	Completed Primary	124	3.0	.88	F(7,898) = 3.93, MSE = .54, p < .01	.030																																																																									
	Completed University	124	3.4	.66																																																																											
	Some Secondary	157	3.0	.82																																																																											
	Completed N or O Levels	277	3.3	.65																																																																											
	Some Secondary	157	3.0	.82																																																																											
All items on emotional well-being	Completed University	124	3.4	.66	All n.s	-																																																																									
	Completed University	124	3.4	.66																																																																											

* Only statistically significant results are shown for parent-child and grandparent-child relationships.

Table 57: Parents' perspectives on parent-child and grandparent-child relationships, friendship and emotional well-being, differentiated by whether children have siblings

Items/Composite	Siblings	N	Av Freq	S.D	F Statistics	Partial eta squared
All items on parent-child relationship	-	-	-	-	All n.s	-
All items on grandparent-child relationship	-	-	-	-	All n.s	-
Composite on friendship	Yes No	790 116	3.2 3.2	.74 .76	F(1,904) = .02, n.s	-
All items on emotional well-being	-	-	-	-	All n.s	-

Table 58: Parents' perspectives on the difference between the quality of sibling relationship and friendship of children

Composite	N	Av Freq	S.D	t Statistics	Cohen's d
Composite on sibling relationship	790	3.6	.58	t(789) = 13.38, p < .01	.95
Composite on friendship	790	3.2	.74		

APPENDIX C: QUESTIONNAIRE FOR PARENTS



Participant
Number:

Singapore Children's Society PARENT QUESTIONNAIRE Survey on Children's Social & Emotional Well-being

POST-FIELDWORK ADMINISTRATION				
Submit:	Edit:	Validate:	Code:	DP:

Hello, my name is _____. I am an interviewer from the Singapore Children's Society [SHOW ID]. We are conducting a survey to find out more about the social and emotional well-being of children in Singapore, and would like to get your opinions. I would appreciate your help. Whatever you tell me will be kept strictly confidential.

1. Are you Singaporean, a Permanent Resident or a foreigner? (circle one)

1. Singaporean
2. Permanent Resident
3. Foreigner
4. Other specify : _____

Terminate if parent being interviewed is a Non-Singaporean / PR.

2. Are there any children between Primary 1 and 6 living in your household?

1. Yes (go to Q2)
2. No [thank the respondent and end the interview].

3. Could I please speak with a parent or guardian of the children? [Reintroduce if necessary]

1. Yes (continue)
2. Parent not available [thank the respondent and end the interview].

Person interviewed (circle one)

1. Father
2. Mother
3. Male guardian
4. Female guardian

We are interested in what both parents and their children have to say. Could I interview you first and then speak to one of your children currently studying in Primary 1 to 6 please?

1. If yes, what is the name and age of the child I can interview after you?
Name _____ Age _____
2. If no, thank the respondent and end the interview.

Take note of the CHILD'S NAME as it will be used very often later.

Section A: Demographics

I would like to ask you some questions about yourself.

1. **How many children do you have?** _____ (write number)
2. **How old are you?** _____ years old (write actual age, no range allowed)
3. **What is your race?**
 1. Chinese
 2. Malay
 3. Indian
 4. EurasianOther, specify : _____
4. **What is your religion?**
 1. Christianity
 2. Buddhism
 3. Islam
 4. Hinduism
 5. Roman Catholic
 6. Taoism
 7. NilOther, please specify : _____
5. **What is your educational level?**
 1. Little or no schooling (e.g., some Primary education)
 2. Completed Primary School
 3. Some Secondary School
 4. Completed "N" or "O" levels
 5. Completed "A" levels
 6. Completed tertiary education (Polytechnic)
 7. Completed tertiary education (University)Other, please specify : _____

6. What type of housing are you currently living in?

1. 1- or 2-Room Flat
2. 3-Room Flat
3. 4-Room Flat
4. 5-Room or Executive Flat
5. Condominium or Private Flat
6. Landed Property

Other, please specify: _____

7. What language do you use most often with (child's name)? (circle one)

1. English
2. Mandarin
3. Chinese Dialect
4. Malay
5. Tamil

Other, please specify : _____

8. Are you working full time, part time or not working? (circle one)

1. Full-time
2. Part-time
3. Not working

9. What type of job are you currently in? (circle one)

1. Own business
2. Clerical
3. Technical
4. Managerial/Professional
5. Househusband/Housewife

10. What is your monthly income?

1. \$1000 or less
2. \$1001 - \$2000
3. \$2001 - \$3000
4. \$3001 - \$4000
5. \$4001 - \$5000
6. Above \$5000

I would like to ask you some questions about the child's other parent (or guardian).

11. How old is the mother/father of the child? _____ years old (write number)

12. What is the race of the mother/father of the child?

1. Chinese
2. Malay
3. Indian
4. Eurasian

Other, specify : _____

13. What is the religion of the mother/father of the child?

1. Christianity
2. Buddhism
3. Islam
4. Hinduism
5. Roman Catholic
6. Taoism
7. Nil

Other, please specify : _____

14. What is the educational level of the mother/father of the child?

1. Little or no schooling (e.g. some Primary education)
2. Completed Primary School
3. Some Secondary School
4. Completed "N" or "O" levels
5. Completed "A" levels
6. Completed tertiary education (Polytechnic)
7. Completed tertiary education (University)

Other, please specify : _____

15. Is the mother/father of the child a Singaporean, a Permanent Resident or a foreigner?

1. Singaporean
2. Permanent Resident
3. Foreigner

Other, please specify : _____

16. What language does the mother/father of the child use most often with him/her?

1. English
2. Mandarin
3. Chinese Dialect
4. Malay
5. Tamil

Other, please specify : _____

17. Is the mother/father of the child currently working?

1. Full-time
2. Part-time
3. Not working

18. What type of job is the mother/father of the child currently in?

1. Own business
2. Clerical
3. Technical
4. Managerial/Professional
5. Househusband/Housewife

19. What is the monthly income of the mother/father of the child?

1. \$1000 or less
2. \$1001 - \$2000
3. \$2001 - \$3000
4. \$3001 - \$4000
5. \$4001 - \$5000
6. Above \$5000

Section B: Friendship

Next I would like to ask you about (child's name) whom I will interview later. This section is about (child's name) and his/her friends. Thinking about all of (child's name)'s friends, please answer the following questions using the scale [Show and explain Scale A].

- Note: (1) Remind respondents to rate with respect to all of their child's friends in general.**
(2) Mark if respondent does not know.

	Never		Sometimes		Many times	Do not know
1. How often are (child's name)'s friends nice to him/her?	1	2	3	4	5	0
2. How often do (child's name)'s friends care about his/her feelings?	1	2	3	4	5	0
3. How often does (child's name) have fun with his/her friends?	1	2	3	4	5	0
4. How often do (child's name) and his/her friends argue/quarrel with one another?	1	2	3	4	5	0
5. How often do (child's name)'s friends help him/her?	1	2	3	4	5	0
6. How often do (child's name) and his/her friends tell one another about problems?	1	2	3	4	5	0
7. How often do (child's name) and his/her friends help one another with schoolwork?	1	2	3	4	5	0
8. How often does (child's name) share things with his/her friends?	1	2	3	4	5	0
9. How often do (child's name)'s friends pay attention to what he/she says?	1	2	3	4	5	0
10. How often does (child's name) spend his/her time with his/her friends outside school?	1	2	3	4	5	0

For the following questions, please answer “YES”, “NO”, or “Do not know”. (circle one)

	Yes	No	Do not know
11. Does (child's name) have enough friends? If not, why? _____	1	2	99
12. Is it easy for (child's name) to make new friends at school? If not, why? _____	1	2	99
13. Does (child's name) like his/her friends? If not, why? _____	1	2	99
14. Does (child's name) like his/her school? If not, why? _____	1	2	99
15. Is (child's name)'s relationship with his/her friends good? If not, why? _____	1	2	99

Section C: Brother(s) / Sister(s)

Note to interviewer: Skip this section if respondent has only 1 child.

The following section is about (child's name) and his/her brother(s) / sister(s). Thinking about all of (child's name)'s brother(s)/sister(s), please answer the following questions using the scale [Show Scale A].

Note: (1) Remind respondents to rate with respect to all of their child's brother(s)/sister(s) in general.

(2) Mark if respondent does not know.

	Never		Sometimes		Many times	Do not know
1. How often are (child's name)'s brother(s)/sister(s) nice to him/her?	1	2	3	4	5	0
2. How often do (child's name)'s brother(s)/sister(s) care about his/her feelings?	1	2	3	4	5	0
3. How often does (child's name) have fun with his/her brother(s)/sister(s)?	1	2	3	4	5	0
4. How often does (child's name) argue/quarrel with his/her brother(s)/sister(s)?	1	2	3	4	5	0
5. How often do (child's name)'s brother(s)/sister(s) help him/her?	1	2	3	4	5	0
6. How often do (child's name) and his/her brother(s)/sister(s) tell one another about problems?	1	2	3	4	5	0
7. How often do (child's name) and his/her brother(s)/sister(s) help one another with schoolwork?	1	2	3	4	5	0
8. How often does (child's name) share things with his/her brother(s)/sister(s)?	1	2	3	4	5	0
9. How often do (child's name)'s brother(s)/sister(s) pay attention to what he/she says?	1	2	3	4	5	0
10. How often does (child's name) spend his/her time with his/her brother(s)/sister(s)?	1	2	3	4	5	0

For the following questions, please answer "YES", "NO", or "Do not know". (circle one)

	Yes	No	Do not know
11. Does (child's name) like his/her brother(s)/sister(s)? If not, why? _____	1	2	99
12. Is (child's name)'s relationship with his/her brother(s)/sister(s) good? If not, why? _____	1	2	99

Section D: Father / Mother (circle one)

The following section is about (child's name) and you. Please answer the following questions using the scale [Show Scale A]

	Never		Sometimes		Many times	Do not know
1. How often do you help with (child's name)'s homework?	1	2	3	4	5	0
2. How often do you show that you like or love (child's name)?	1	2	3	4	5	0
3. How often do you get angry with (child's name)?	1	2	3	4	5	0
4. How often does (child's name) tell you his/her secrets and feelings?	1	2	3	4	5	0
5. How often do you play and have fun with (child's name)?	1	2	3	4	5	0
6. How often do you and (child's name) argue with each other?	1	2	3	4	5	0
7. How often do you pay attention to what (child's name) says?	1	2	3	4	5	0
8. How often do you scold or punish (child's name)?	1	2	3	4	5	0
9. How often do you think that you are right to scold or punish (child's name)?	1	2	3	4	5	0
10. How often do you teach (child's name) about good manners and politeness?	1	2	3	4	5	0
11. How often does (child's name) spend his/her time with you?	1	2	3	4	5	0

For the following questions, please answer "YES", "NO", or "Do not know". (circle one)

	Yes	No	Do not know
12. Does (child's name) think you give more love and care to the other child(ren) than to (child's name)? _____	1	2	99
13. Does (child's name) like you? If not, why? _____	1	2	99
14. Is your relationship with (child's name) good? If not, why? _____	1	2	99

Section E: Grandparent

The following section is about (child's name) and his/her grandparents. Skip this section if child does not have grandparents.

Thinking about the grandparent that (child's name) spends the most time with, please answer the following questions using the scale [Show scale A].

Note to interviewer: (1) Remind respondents to rate with respect to the grandparent mentioned above.

(2) Mark if respondent does not know.

	Never		Sometimes		Many times	Do not know
1. How often does (child's name)'s grandparent help with his/her homework?	1	2	3	4	5	0
2. How often does (child's name)'s grandparent show that he/she likes or loves him/her?	1	2	3	4	5	0
3. How often does (child's name)'s grandparent get angry with him/her?	1	2	3	4	5	0
4. How often does (child's name) tell his/her secrets and feelings with his/her grandparent?	1	2	3	4	5	0
5. How often does (child's name) play and have fun with his/her grandparent?	1	2	3	4	5	0
6. How often do (child's name) and his/her grandparent argue with each other?	1	2	3	4	5	0
7. How often does (child's name)'s grandparent pay attention to what he/she says?	1	2	3	4	5	0
8. How often does (child's name)'s grandparent scold or punish him/her?	1	2	3	4	5	0
9. How often does (child's name) think that his/her grandparent is right to scold or punish him/her?	1	2	3	4	5	0
10. How often does (child's name)'s grandparent teach him/her about good manners and politeness?	1	2	3	4	5	0
11. How often does (child's name) spend his/her time with his/her grandparent?	1	2	3	4	5	0

For the following questions, please answer "YES", "NO", or "Do not know". (circle one)

	Yes	No	Do not know
12. Does (child's name) like his/her grandparent? If not, why? _____	1	2	99
13. Is (child's name)'s relationship with his/her grandparent good. If not, why? _____	1	2	99

Section F: Emotional Well-Being

The following section is about (child's name) feelings and thoughts.

	Never		Sometimes		Many times	Do not know
1. How often does (child's name) worry about things?	1	2	3	4	5	0
2. How often does (child's name) feel very sad?	1	2	3	4	5	0
3. How often does (child's name) have fun?	1	2	3	4	5	0
4. How often does (child's name) cry when doing things?	1	2	3	4	5	0
5. How often is (child's name) sick?	1	2	3	4	5	0
6. How often does (child's name) quarrel with others?	1	2	3	4	5	0
7. How often does (child's name) want to be alone?	1	2	3	4	5	0
8. How often does (child's name) forget things?	1	2	3	4	5	0
9. How often is (child's name) happy?	1	2	3	4	5	0
10. How often does (child's name) think he/she is a good person?	1	2	3	4	5	0

Section G: School Bullying

The following section is about school bullying. Please indicate if your child has had experienced any of the following by his/her schoolmates* using the scale [Show Scale A].

Note: Can happen in or outside the school compound. If respondent asked about the acts they consider as “play play”, explain that they should only rate the items below if they consider the act as bullying.

	Never		Sometimes		Many times		Do not know
1. Pulls (child's name) hair, hits (child's name), pinches (child's name), bites (child's name) or pushes (child's name).	1	2	3	4	5		0
2. Takes (child's name) money or things and refuses to return them	1	2	3	4	5		0
3. Makes (child's name) scared or fearful of him/her.	1	2	3	4	5		0
4. Calls (child's name) bad names	1	2	3	4	5		0
5. Does not let others be (child's name) friend.	1	2	3	4	5		0

If respondent's child had never experience any of the above or respondent do not know for all the items above, please end the interview and start on the Child interview.

	Yes	No	Do not know
6. Has (child's name) told anybody about this bullying? If not, why? _____ [End questionnaire after this if respondent answers “No”]	1	2	99
7. Who did (child's name) tell? _____	1	2	99
8. Did the person (child's name) told help him/her?	1	2	99

Thank you. May I now interview the child we have been talking about?

Scale A

Never		Sometimes		Many times
1	2	3	4	5

1 is Never

3 is Sometimes

5 is Many times

2 is between 1 & 3.

For example if you are tired less than “Sometimes” but more than “Never”, you would circle 2.

4 is between 3 & 5.

For example if you are tired less than “Many times” but more than “Sometimes”, you would circle 4.

APPENDIX D: QUESTIONNAIRE FOR CHILDREN



Respondent
ID:

Singapore Children's Society CHILD QUESTIONNAIRE Survey on Children's Social & Emotional Well-being

POST-FIELDWORK ADMINISTRATION

Submit:	Edit:	Validate:	Code:	DP:
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Hello, my name is _____. I am from the Singapore Children's Society [SHOW ID]. We want to learn more about children and their friends, brothers and sisters, parents and grandparents. We would like to ask you some questions about this.

This is not a test. Please just tell me what you think about each question.

Section A: Demographics

1. Record Gender [BY OBSERVATION]

1. Male
2. Female

2. What is your school level?

Primary 1 2 3 4 5 6
Other (specify): _____

3. What is your race?

1. Chinese
 2. Malay
 3. Indian
 4. Eurasian
- Other (specify): _____

4. How old are you?

6 7 8 9 10 11 12

Section B: Friends

I want to ask you some questions about your friends. Thinking about all of your friends, please answer the questions using the scale [Show and explain Scale A]

Note: Remind respondents to rate with respect to all of his/her friends in general.

	Never		Sometimes		Many times
1. How often are your friends nice to you?	1	2	3	4	5
2. How often do your friends care about your feelings?	1	2	3	4	5
3. How often do you have fun with your friends?	1	2	3	4	5
4. How often do you and your friends argue/ quarrel with one another?	1	2	3	4	5
5. How often do your friends help you?	1	2	3	4	5
6. How often do you and your friends tell one another about problems?	1	2	3	4	5
7. How often do you and your friends help one another with schoolwork?	1	2	3	4	5
8. How often do you share things with your friends?	1	2	3	4	5
9. How often do your friends pay attention to what you say?	1	2	3	4	5
10. How often do you spend your time with your friends outside school?	1	2	3	4	5

For the next questions, please answer “YES” or “NO” (circle one).

	Yes	No	NA
11. Do you have enough friends? If not, why? _____	1	2	
12. Is it easy for you to make new friends at school? If not, why? _____	1	2	
13. Do you like your friends? If not, why? _____	1	2	
14. Do you like your school? If not, why? _____	1	2	
15. Is your relationship with your friends good? [If younger respondents do not understand, mark as NA for this item.] If not, why? _____	1	2	9

Section C: Brothers and Sisters

	Yes	No
1. Do you have any brothers or sisters?	1	2

[If No go to next page]

[If Yes] Now I would like to ask you some questions about your brothers and sisters. Thinking about all of your brother(s)/sister(s), please answer the questions using the scale **[Show Scale A]**

Note: Remind respondents to rate with respect to all of his/her brother(s)/sister(s) in general.

	Never		Sometimes		Many times
2. How often are your brother(s)/sister(s) nice to you?	1	2	3	4	5
3. How often do your brother(s)/sister(s) care about your feelings?	1	2	3	4	5
4. How often do you have fun with your brother(s)/sister(s)?	1	2	3	4	5
5. How often do you argue/quarrel with your brother(s)/sister(s)?	1	2	3	4	5
6. How often do your brother(s)/sister(s) help you?	1	2	3	4	5
7. How often do you and your brother(s)/sister(s) tell one another about problems?	1	2	3	4	5
8. How often do you and your brother(s)/sister(s) help one another with schoolwork?	1	2	3	4	5
9. How often do you share things with your brother(s)/sister(s)?	1	2	3	4	5
10. How often do your brother(s)/sister(s) pay attention to what you say?	1	2	3	4	5
11. How often do you spend your time with your brother(s)/sister(s)?	1	2	3	4	5

For the next questions, please answer “YES” or “NO” (circle one).

	Yes	No	NA
12. Do you like your brother(s)/sister(s)? If not, why? _____	1	2	
13. Is your relationship with your brother(s)/sister(s) good? [If younger respondents do not understand, mark as NA for this item.] If not, why? _____	1	2	9

Section D: Father

Now I would like to ask you some questions about your father.

	Yes	No
1. Do you live with your father?	1	2

Thinking about your father, please answer the questions using the scale [Show Scale A]

	Never		Sometimes		Many times
2. How often does your father help with your homework?	1	2	3	4	5
3. How often does your father show that he likes or loves you?	1	2	3	4	5
4. How often does your father get angry with you?	1	2	3	4	5
5. How often do you tell your father your secrets and feelings?	1	2	3	4	5
6. How often do you play and have fun with your father?	1	2	3	4	5
7. How often do you and your father argue with each other?	1	2	3	4	5
8. How often does your father pay attention to what you say?	1	2	3	4	5
9. How often does your father scold or punish you?	1	2	3	4	5
10. How often do you think that your father is right to scold or punish you?	1	2	3	4	5
11. How often does your father teach you about good manners and politeness?	1	2	3	4	5
12. How often do you spend your time with your father?	1	2	3	4	5

For the next questions, please answer "YES" or "NO" (circle one).

	Yes	No	NA
13. Do you like your father? If not, why? _____	1	2	
14. Is your relationship with your father good? [If younger respondents do not understand, mark as NA for this item.] If not, why? _____	1	2	9
15. Do you think your father gives more love and care to your brother(s)/sister(s) than to you?	1	2	

Section E: Mother

Now I would like to ask you some questions about your mother.

	Yes	No
1. Do you live with your mother?	1	2

Thinking about your mother, please answer the questions using the scale [Show Scale A]

	Never		Sometimes		Many times
2. How often does your mother help with your homework?	1	2	3	4	5
3. How often does your mother show that she likes or loves you?	1	2	3	4	5
4. How often does your mother get angry with you?	1	2	3	4	5
5. How often do you tell your mother your secrets and feelings?	1	2	3	4	5
6. How often do you play and have fun with your mother?	1	2	3	4	5
7. How often do you and your mother argue with each other?	1	2	3	4	5
8. How often does your mother pay attention to what you say?	1	2	3	4	5
9. How often does your mother scold or punish you?	1	2	3	4	5
10. How often do you think that your mother is right to scold or punish you?	1	2	3	4	5
11. How often does your mother teach you about good manners and politeness?	1	2	3	4	5
12. How often do you spend your time with your mother?	1	2	3	4	5

For the next questions, please answer "YES" or "NO" (circle one).

	Yes	No	NA
13. Do you like your mother? If not, why? _____	1	2	
14. Is your relationship with your mother good? [If younger respondents do not understand, mark as NA for this item.] If not, why? _____	1	2	9
15. Do you think your mother gives more love and care to your brother(s)/sister(s) than to you?	1	2	

Section F: Grandparents

Now I would like to ask you some questions about your grandparents. Skip this section if child does not have grandparents.

Thinking about the grandparent that you spend the most time with, please answer the questions using the scale [Show scale A]

Note to interviewer: Remind respondents to rate with respect to the grandparent that respondent spent the most time with.

	Never		Sometimes		Many times
1. How often does your grandparent help with your homework?	1	2	3	4	5
2. How often does your grandparent show that he/she likes or loves you?	1	2	3	4	5
3. How often does your grandparent get angry with you?	1	2	3	4	5
4. How often do you tell your grandparent your secrets and feelings?	1	2	3	4	5
5. How often do you play and have fun with your grandparent?	1	2	3	4	5
6. How often do you and your grandparent argue with each other?	1	2	3	4	5
7. How often does your grandparent pay attention to what you say?	1	2	3	4	5
8. How often does your grandparent scold or punish you?	1	2	3	4	5
9. How often do you think that your grandparent is right to scold or punish you?	1	2	3	4	5
10. How often does your grandparent teach you about good manners and politeness?	1	2	3	4	5
11. How often do you spend your time with your grandparent?	1	2	3	4	5

For the next questions, please answer “YES” or “NO” (circle one).

	Yes	No	NA
12. Do you like your grandparent? If not, why? _____	1	2	
13. Is your relationship with your grandparent good? [If younger respondents do not understand, mark as NA for this item.] If not, why? _____	1	2	9

Section G: Emotional Well-Being

Now I want to ask some questions about your feelings and thoughts.

	Never	1	Sometimes	2	Many times	3	4	5
1. How often do you worry about things?	1	2	3	4	5			
2. How often do you feel very sad?	1	2	3	4	5			
3. How often do you have fun?	1	2	3	4	5			
4. How often do you cry when doing things?	1	2	3	4	5			
5. How often are you sick?	1	2	3	4	5			
6. How often do you quarrel with others?	1	2	3	4	5			
7. How often do you want to be alone?	1	2	3	4	5			
8. How often do you forget things?	1	2	3	4	5			
9. How often are you happy?	1	2	3	4	5			
10. How often do you think you are a good person?	1	2	3	4	5			

Section H: School Bullying

Now I want to ask you about bullying at school.

Notes to interviewer: Can happen in or outside the school compound. If respondent asked about the acts they consider as “play play”, explain that they should only rate the items below if they consider the act as bullying.

How often have your schoolmates...	Never	1	Sometimes	2	Many times	3	4	5
1. Pulled your hair, hit you, pinched you, bit you or pushed you	1	2	3	4	5			
2. Took your money or things and refused to return them	1	2	3	4	5			
3. Made you scared of him/her	1	2	3	4	5			
4. Called you bad names	1	2	3	4	5			
5. Not let others be your friend	1	2	3	4	5			

If respondent had never experience any of the above, please end the interview.

	Yes	No
6. Did you tell anybody about this bullying? If not, why? _____	1	2
7. Who did you tell? _____		
8. Did the person you told help you?	1	2

Thank you so much for your time.

Scale A

Never		Sometimes		Many times
1	2	3	4	5

1 is Never

3 is Sometimes

5 is Many times

2 is between 1 & 3.

For example if you are tired less than “Sometimes” but more than “Never”, you would circle 2.

4 is between 3 & 5.

For example if you are tired less than “Many times” but more than “Sometimes”, you would circle 4.