

Appendix B
Tables

Table 1- Means, Medians, and Standard Deviations of Maternal Variables ($n = 43$)

<u>Maternal Variable</u>	<u>Mean</u>	<u>Median</u>	<u>SD</u>
Score on the CES-D	15.67	11.00	12.12
Perceived Family Support	14.77	17.00	5.37
Perceived Friend Support	14.63	16.00	4.91
Combined Support Variable	29.40	32.00	8.84
Combined Depression/ Support Variable	13.72	20.00	18.16

Table 2- Correlations Among Maternal Independent Variables ($n = 43$)

Maternal Variable	<u>Score on</u> <u>CES-D</u>	<u>Perceived</u> <u>Family Support</u>	<u>Perceived</u> <u>Friend Support</u>	<u>Combined</u> <u>Social Support</u>
Score on CES-D	--			
Perceived Family Support	-.437**	--		
Perceived Friend Support	-.401**	.476**	--	
Combined Support Variable	-.489**	.872**	.845**	--

**Correlation is significant at the .01 level (one-tailed)

Table 3- Correlations between the Number of Previous Care Providers and Other Variables (n = 43)

	Age of Entry	Family Support	Friend Support	CES-D	Working Memory	PPVT	Social Skills	Classroom Conduct
Number of Previous Care	-.056 p = .361	-.228 p = .071	.023 p = .442	.141 p = .184	-.048 p = .380	.031 p = .421	.103 p = .255	-.088 p = .286

Table 4- Correlations Between Child Cognitive Tasks, Age of Entry, and Maternal Variables

	<u>Age of Entry</u>	<u>Service Length</u>	<u>CES-D</u>	<u>Day/Night Stroop</u>	<u>Yes/No Task</u>	<u>Combined Support</u>	<u>Percentile Rank</u>	<u>Social Skills</u>	<u>Classroom Conduct</u>
Age of Entry	--								
Service Length	-.9980** p = .000	--							
CES-D	.1500	-.1612	--						
Day/Night Stroop	.1123	-.1028	.0243	--					
Yes/No Task	-.0886	.0843	-.2119 p = .089	.3317* p = .016	--				
Combined Support	-.0424	.0473	-.4850** p = .001	.0856	-.0686	--			
Percentile Rank	-.2788* p = .037	.2789	-.2862* p = .033	.1416	.2800* p = .036	.2322 p = .069	--		
Social Skills	.0658	-.0845	-.2169	.0987 p = .084	.1384	.0669	.2848* p = .034	--	
Classroom Conduct	-.0431	.0550	.0178	-.2541 p = .052	-.0800	-.0164	-.2063	-.6567** p = .000	--

** Correlation is significant at the .01 level (one-tail) (n = 43)

* Correlation is significant at the .05 level (one-tail)

Table 5- Means, Medians, and Standard Deviations of Child Outcome Measures (n = 43)

<u>Outcome Variable</u>	<u>Mean</u>	<u>Median</u>	<u>SD</u>
% Correct Day/Night Stroop	73.696	81.3	21.01
% Correct Yes/No Task	55.449	56.30	22.321
% Correct Combined Working Memory	64.572	65.65	17.769
PPVT	30.50	25.00	20.62
Social Skills	15.16	15.00	4.54
Classroom Conduct	6.13	5.00	5.02

Table 6- Descriptive Statistics for Child Outcome Variables Grouped by Age of Entry

		<i>n</i>	Mean	SD
<i>Working Memory</i>	Early entry	14	61.279	12.547
	Later entry	29	64.902	19.902
	Total	43	63.722	17.769
<i>PPVT</i>	Early entry	14	39.93	24.07
	Later entry	29	26.41	17.54
	Total	43	30.81	20.62
<i>Social Skills</i>	Early entry	14	15.57	4.50
	Later entry	29	15.03	4.63
	Total	43	15.21	4.54
<i>Classroom Conduct</i>	Early entry	14	7.29	5.59
	Later entry	29	5.83	4.74
	Total	43	6.30	5.02

Table 7- Descriptive Statistics for Child Outcome Variables Grouped by Maternal Depression Status

		<i>n</i>	Mean	SD
<i>Working Memory</i>	Non-depressed	27	65.815	19.031
	Depressed	16	60.190	15.333
	Total	43	63.722	17.769
<i>PPVT</i>	Non-depressed	27	34.56	19.82
	Depressed	16	24.50	21.03
	Total	43	30.81	20.62
<i>Social Skills</i>	Non-depressed	27	15.89	4.21
	Depressed	16	14.06	4.97
	Total	43	15.21	4.54
<i>Classroom Conduct</i>	Non-depressed	27	6.11	5.59
	Depressed	16	6.63	4.01
	Total	43	6.30	5.02

Table 8- Descriptive Statistics for Child Outcome Variables Grouped by Level of Support

		<i>n</i>	Mean	SD
<i>Working Memory</i>	Low Support	21	62.8286	15.807
	High Support	22	64.5750	19.798
	Total	43	63.7221	17.769
<i>PPVT</i>	Low Support	21	27.05	17.77
	High Support	22	34.41	22.85
	Total	43	30.81	20.62
<i>Social Skills</i>	Low Support	21	14.95	4.41
	High Support	22	15.45	4.75
	Total	43	15.21	4.54
<i>Classroom Conduct</i>	Low Support	21	5.81	4.57
	High Support	22	6.77	5.48
	Total	43	6.30	5.02

Table 9- Descriptive Statistics for Child Outcome Measures Grouped by Combined Depression/Support Variable

		<i>n</i>	Mean	SD
<i>Working Memory</i>	Low	22	61.2545	16.528
	High	21	66.3071	19.040
	Total	43	63.7221	17.769
<i>PPVT</i>	Low	22	26.64	19.03
	High	21	35.19	21.77
	Total	43	30.81	20.62
<i>Social Skills</i>	Low	22	15.00	4.79
	High	21	15.43	4.37
	Total	43	15.21	4.54
<i>Classroom Conduct</i>	Low	22	5.86	4.66
	High	21	6.76	5.44
	Total	43	6.30	5.02

Table 10- Sum of Squares Table for ANOVA Examining Group Differences in Receptive Language Skill Grouped by Categorical Age of Entry

		Sum of Squares	df	Mean Square	F	Sig.
<i>PPVT</i>	Between Groups	1724.549	1	1724.549	4.381	.043*
	Within Groups	16139.963	41	393.658		
	Total	17864.512	42			

* denotes significance at the .05 level

Table 11- Results of Regression Analysis Testing Whether Categorical Age of Entry Moderates the Impact of Maternal Depressive Symptomology on Child Working Memory

Dependent Variable: Working Memory Performance

Independent Variables: Age, Maternal Education, Score on the CES-D, Age category at time of Entry, Interaction Effect

	β^*	R	R^2	t	$Sig.$
Age	.582	.256	.066	1.033	.308
Maternal Education	5.117	.399	.159	2.079	.045
CES-D	-.309	.402	.161	-.314	.755
Age of Entry	3.393	.418	.175	.358	.722
Interaction	.125	.420	.176	.358	.818

* The values in the final equation, with all predictors entered.

Table 12- Results of Regression Analysis Testing Whether Categorical Age of Entry Moderates the Impact of Maternal Depressive Symptomology on Child PPVT Percentile Rank

Dependent Variable: Percentile Rank on the PPVT

Independent Variables: Maternal Education, Score on the CES-D, Age category at time of Entry, Interaction Effect

	β^*	R	R^2	t	$Sig.$
Maternal Education	4.964	.384	.147	1.825	.076
CES-D	-.710	.426	.182	-.695	.491
Age of Entry	-12.389	.470	.221	-1.177	.247
Interaction	.228	.474	.225	.404	.688

* The values in the final equation, with all predictors entered.

Table 13- Results of Regression Analysis Testing Whether Categorical Age of Entry Moderates the Impact of Maternal Depressive Symptomology on Child Social Skills

Dependent Variable: Social Skills

Independent Variables: Age, Maternal Education, Score on the CES-D, Age category at time of Entry, Interaction Effect

	β^*	R	R^2	t	$Sig.$
Age	.204	.172	.030	1.366	.180
Maternal Education	-9.700E-02	.180	.032	-.149	.883
CES-D	.201	.274	.075	.771	.445
Age of Entry	1.023	.290	.084	.407	.686
Interaction	-.156	.336	.113	-1.095	.281

* The values in the final equation, with all predictors entered.

Table 14- Results of Regression Analysis Testing Whether Categorical Age of Entry Moderates the Impact of Maternal Depressive Symptomology on Child Classroom Conduct

Dependent Variable: Classroom Conduct

Independent Variables: Age, Maternal Education, Score on the CES-D, Age category at time of Entry, Interaction Effect

	β^*	R	R^2	t	$Sig.$
Age	-.359	.380	.144	-2.218	.033
Maternal Education	-5.532E-02	.380	.144	-.078	.938
CES-D	-7.642E-02	.380	.145	-.270	.788
Age of Entry	-.723	.380	.145	-.266	.792
Interaction	4.658-02	.383	.147	.301	.765

* The values in the final equation, with all predictors entered. (N = 43)

Table 15- Results of Regression Analyses Predicting Child Outcome Variables using Maternal Score on the CES-D as a Predictor

Outcome Measure		β^a	<i>R</i>	<i>R</i> ²	<i>t</i>	<i>sig.</i>
Predictor Variables: Child's Age at assessment (for all outcomes other than PPVT), Maternal Education, CES-D						
<i>Working Memory^a</i>	CES-D	-6.806E-02	.402	.161	-.305	-.762
<i>PPVT</i>	CES-D	-.324	.426	.182	-1.298	.202
<i>Social Skills^a</i>	CES-D	-8.032E-02	.274	.075	-1.344	.187
<i>Classroom Conduct^a</i>	CES-D	5.973E-03	.380	.145	.094	.926

^a For each of these outcome variables, the regression equations were run with Child's Age in the first block, Maternal Education in the second block, and CES-D in the third block. The scores reported are those in the final equation, with all predictors entered.

Table 16- Descriptive Statistics for Child Outcome Measures Grouped by Maternal Level of Education

		<i>n</i>	Mean	SD
<i>Working Memory</i>	Low	27	61.7667	18.668
	High	16	67.0219	16.172
	Total	43	63.7221	17.769
<i>PPVT</i>	Low	27	24.93	18.29
	High	16	40.75	21.05
	Total	43	30.81	20.62
<i>Social Skills</i>	Low	27	15.26	5.38
	High	16	15.12	2.75
	Total	43	15.21	4.54
<i>Classroom Conduct</i>	Low	27	6.15	4.92
	High	16	6.56	5.33
	Total	43	6.30	5.02

Table 17- Results of Regression Analyses Used to Test the Predictive Value of Categorical Age of Entry on Child Developmental Outcome

Outcome Variable	β^a	<i>R</i>	<i>R</i> ²	<i>t</i>	<i>sig</i>
Predictor Variable:	<i>Model 1: Child's Age</i> <i>Model 2: Child's Age, Maternal Level of Education</i> <i>Model 3: Child's Age, Maternal Level of Education, Categorical Age of Entry</i>				
<i>Working Memory</i>	4.775	.415	.172	.772	.444
<i>PPVT</i>	-9.380	.436	.190	-1.447	.156
<i>Social Skills</i>	-1.235	.213	.045	-.729	.471
<i>Classroom Conduct</i>	-9.689E-02	.380	.145	-.055	.957

^a The values in the final equation (model 3) with all predictors entered.

Table 18- Results of Regression Analyses Used to Test the Predictive Value of Maternal Perceived Support on Child Developmental Outcome

Outcome Variable	β^a	<i>R</i>	<i>R</i> ²	<i>t</i>	<i>sig</i>
Predictor Variable:	<i>Model 1: Child's Age (for all outcomes but the PPVT)</i>				
	<i>Model 2: Child's Age, Maternal Level of Education</i>				
	<i>Model 3: Child's Age, Maternal Level of Education, Perceived Support</i>				
<i>Working Memory</i>	-5.397E-02	.400	.160	-.181	.857
<i>PPVT</i>	.421	.424	.180	1.251	.218
<i>Social Skills</i>	3.114E-02	.190	.036	.382	.704
<i>Classroom Conduct</i>	-7.876E-03	.380	.145	-.093	.927

^a The values in the final equation (model 3) with all predictors entered.

Table 19- Results of Regression Analyses Used to Test the Predictive Value of Maternal Depressive Status on Child Developmental Outcome

Outcome Variable	β^a	<i>R</i>	<i>R</i> ²	<i>t</i>	<i>sig</i>
Predictor Variable:	<i>Model 1: Child's Age (for all outcomes but the PPVT)</i>				
	<i>Model 2: Child's Age, Maternal Level of Education,</i>				
	<i>Model 3: Child's Age, Maternal Level of Education, Depressive Status</i>				
<i>Working Memory</i>	-1.901	.402	.162	-.344	.733
<i>PPVT</i>	-6.787	.415	.172	-1.091	.282
<i>Social Skills</i>	-1.587	.244	.060	-1.061	.295
<i>Classroom Conduct</i>	-.121	.380	.145	-.077	.939

^aThe values in the final equation (model 3) with all predictors entered.

Table 20- Results of Regression Analyses Used to Test the Predictive Value of Level of Maternal Depressive Symptomology on Child Developmental Outcome

Outcome Variable	β^a	<i>R</i>	<i>R</i> ²	<i>t</i>	<i>sig</i>
Predictor Variable:	<i>Model 1:</i> Child's Age (for all outcomes but the PPVT) <i>Model 2:</i> Child's Age, Maternal Level of Education <i>Model 3:</i> Child's Age, Maternal Level of Education, Level of Depressive Symptomology (i.e. high/low)				
<i>Working Memory</i>	.662	.399	.160	.112	.911
<i>PPVT</i>	-9.629	.437	.191	-1.466	.151
<i>Social Skills</i>	-3.256	.365	.133	-2.133	.039*
<i>Classroom Conduct</i>	.321	.381	.145	.192	.849

^a The values in the final equation (model 3) with all predictors entered.

*Denotes significance at the $p < .05$ level.

Table 21- Descriptive Statistics for Child Outcome Variables Grouped by Level of Maternal Depressive Symptomology

		<i>n</i>	Mean	SD
<i>Working Memory</i>	Low	31	64.4839	18.673
	High	12	61.7542	15.773
	Total	43	63.7221	17.769
<i>PPVT</i>	Low	31	34.29	21.18
	High	12	21.83	16.70
	Total	43	30.81	20.62
<i>Social Skills</i>	Low	31	16.16	4.25
	High	12	12.75	4.49
	Total	43	15.21	4.54
<i>Classroom Conduct</i>	Low	31	6.06	5.34
	High	12	6.92	4.21
	Total	43	6.30	5.02

Table 22- Sum of Squares Table for ANCOVA Examining Group Differences in Child Social Skills Grouped by Categorical Level of Maternal Depressive Symptomology with Child's Age as Covariate

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	115.463	3	38.488	2.002	.130
Intercept	27.761	1	27.771	1.445	.237
Maternal Education	1.482E-02	1	1.482E-02	.001	.978
Child's Age	14.779	1	14.779	.769	.386
Level of Symptomology	87.419	1	87.419	4.548	.039*
Error	749.653	39	19.222		
Total	10812.000	43			
Corrected Total	865.116	42			

* Denotes significance at the $p < .05$ level.

Table 23- ANCOVA Examining Boys' Score on the Social Skills Scale When Grouped by Both Level of Maternal Depressive Symptomology and Categorical Age of Entry

Descriptive Statistics

Level	Age of Entry	Mean	SD	<i>n</i>
Low Level Depressive Symptomology	Early entry	13.40	1.82	5
	Later Entry	15.42	2.50	12
	Total	14.82	2.46	17
Higher Level Depressive Symptomology	Early Entry	13.00	5.29	3
	Later Entry	8.33	.58	3
	Total	10.67	4.23	6
Total	Early Entry	13.25	3.15	8
	Later Entry	14.00	3.68	15
	Total	13.74	3.45	23

Source	Type III Sum Of Squares	df	Mean Square	F	Sig
Corrected Model	134.693 ^a	5	26.939	3.585	.021*
Intercept	6.132	1	6.132	.816	.379
Age	3.423	1	3.423	.455	.509
Maternal Educ	8.720	1	8.720	1.160	.296
Depression Level	30.727	1	30.727	4.089	.059
Age of Entry	2.131	1	2.131	.284	.601
Dep/Age of Entry Interaction	44.109	1	44.109	5.870	.027*
Error	127.742	17	7.514		
Total	4604.000	23			
Corrected Total	262.435	22			

^aR Squared = .513 (Adjusted R Squared = .370)