

Appendix A

Descriptive Statistics for Variables Used in Regression Analysis

	<i>2-Years</i>		<i>4-Years</i>	
	<i>M or %</i>	<i>SD</i>	<i>M or %</i>	<i>SD</i>
Arnett Variables				
BiFactor IRT Measure	0.21	0.78	0.36	0.73
Comparison Parenting and Caregiving Measures				
Two Bags Task: Stimulating/Sensitive	4.99	0.69	5.10	0.66
Two Bags Task: Harsh/Intrusive	1.19	0.48	1.38	0.60
Family Socioeconomic Status	0.02	0.78	-0.01	0.83
Teacher/Caregiver Education Level	13.62	3.86	17.31	2.00
Children in Classroom/Home	3.75	3.11	14.79	5.78
Ratio: Children Per Teachers/Caregivers	3.14	2.68	5.79	3.26
Child Outcomes				
Cognitive				
BSF-R Mental Score	128.45	10.49	--	
Math Composite Score	--		-0.33	0.78
Reading Composite Score	--		-0.37	0.73
Socio-emotional				
BSF-R Social Competence	3.50	0.94	--	
BSF-R Emotional and Behavioral Regulation	3.67	0.84	--	
BSF-R Attention and Concentration	3.47	0.93	--	
Child Temperament Index	8.59	4.36	--	
Parent Report Social Competence	--		4.00	0.55
Parent Report Emotional and Behavioral Regulation	--		2.42	0.47
Parent Report Attention and Concentration	--		2.91	0.40
Caregiver Report Social Competence	--		3.78	0.58
Caregiver Report Emotional and Behavioral Regulation	--		1.88	0.69
Caregiver Report Attention and Concentration	--		2.70	0.50
Health				
Excellent Health	68%		55%	
Summary of Absence of Common Illness	2.34	0.66	2.42	0.69
Absence of Injury Requiring Doctor Visit	87%		77%	
BSF-R Motor Score	81.62	4.85	--	
Child-Level Controls				
Child is Female	49%		49%	
Child Race				
Hispanic	22%		24%	
Non-Hispanic Black	16%		16%	
Non-Hispanic White	57%		53%	
Non-Hispanic Other	5%		7%	
Low Birth Weight	6%		8%	
Ever Breast Fed	49%		71%	
Two or More Well Baby Check Ups, Since Last Interview	91%		80%	
Received WIC, Since Last Interview	42%		32%	

Table continues

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	2-Years		4-Years	
	<i>M or %</i>	<i>SD</i>	<i>M or %</i>	<i>SD</i>
Lagged Child Outcomes				
Nine months				
Excellent Health	63%		--	
Summary of Absence of Common Illness	0.62	0.69	--	
Child Temperament Index	3.29	1.66	--	
Two years				
BSF-R Mental Score	--		127.87	10.79
BSF-R Social Competence	--		3.45	0.97
BSF-R Emotional and Behavioral Regulation	--		3.67	0.78
BSF-R Attention and Concentration	--		3.40	0.92
Child Temperament Index	--		8.81	4.34
Excellent Health	--		59%	
Summary of Absence of Common Illness	--		2.32	0.71
Absence of Injury Requiring Doctor Visit	--		83%	
BSF-R Motor Score	--		81.35	5.02
Family-Level Controls				
Mother Not Born in the US	15%		18%	
Any Other Children Ages <6 in Household	39%		48%	
Any Children Ages 6-18 in Household	39%		54%	
Mother Married	67%		65%	
Mother's Employment Status				
Full-time	62%		44%	
Part-time	29%		19%	
Not Employed	9%		38%	
Mother's Age				
Age < 25	25%		12%	
Age 25 - 34	55%		50%	
Age 35+	20%		38%	
Received TANF Since Last Interview	6%		10%	
Received Food Stamps Since Last Interview	18%		25%	
Community-Level Controls				
Region				
Northeastern Region	18%		19%	
Southern Region	34%		42%	
Midwestern Region	27%		20%	
Western Region	21%		19%	
Urbanicity				
Urban Area of 50,000 People or More	67%		73%	
Urban Area of Fewer than 50,000 People	16%		12%	
Rural Area	18%		14%	

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	2-Years		4-Years	
	<i>M or %</i>	<i>SD</i>	<i>M or %</i>	<i>SD</i>
Child Care Controls				
Teacher/Caregiver is Female	97%		97%	
Teacher/Caregiver's Age	45.46	13.98	40.65	11.24
Teacher/Caregiver's Race/Ethnicity				
Hispanic	24%		13%	
Non-Hispanic Black	17%		15%	
Non-Hispanic White	57%		69%	
Non-Hispanic Other	2%		3%	
Experience in Child Care (Years)	9.72	9.04	13.10	0.98
Certification in Early Childhood Education ^a	11%		3.21	0.98
Hours per Week Child is Cared for at the Observed Child Care Setting	37.28	15.94	23.35	12.17
Months Child has been Cared for at the Observed Child Care Setting	15.76	7.80	7.78	8.01
Center Type				
Head Start	--		17%	
Public School	--		26%	
Private School	--		21%	
Religious School/Church	--		13%	
Community Non-profit	--		11%	
Community For-profit	--		13%	
Center is Accredited	--		48%	
License Status and Size				
Not Licensed	--		19%	
Licensed for 50 or Fewer Children	--		26%	
Licenses for 50-100 Children	--		21%	
Licenses for More than 100 Children	--		35%	
Center Accepts Subsidies	--		46%	

Note. At 2 years, $n = 650$ except for Two Bags Task Parenting ($n = 550$) and BSF-R ($n = 600$). At 4 years, $n = 1,000$, except for Two Bags Task Parenting ($n = 950$). ^a Certification is a dichotomous indicator of any certificates in early childhood education or related fields (other areas of education, nursing, social work, or psychology) at 2 years; and, the sum of five indicators of whether the teacher had various coursework or credentials in early childhood education at 4 years. Values weighted by the ECLS-B sampling weight.