

Appendix F

The following tables display the descriptive statistics of child social-emotional and cognitive competence. ANOVA tests that indicated a difference among the four communities are reported. Significant zero-order correlations and multi-level regression analyses reporting the relationships between indicators of child care quality and children's competence are also presented.

Table F1
Means, Standard Deviations, and Ranges of Children's Cognitive Competence

Cognitive Competence		M (SD)	Range	F(p)
Infants/ Toddlers (n=121)	Mullen Early Learning Composite	85.24 (15.94)	56 – 143	
	Visual Reception	42.38 (11.00)	20 – 73	
	Fine Motor	41.99 (11.63)	20 – 80	
	Receptive Language	42.48 (11.69)	20 – 72	
	Expressive Language	41.29 (10.37)	20 – 73	
Preschool Age Children (n=186)	Receptive Vocabulary (PPVT-III)	87.49 (17.20)	29 – 132	3.06 (0.03)
	Social Awareness (FACES: 1~5)	3.46 (1.38)	0 – 5	
	Color Names (FACES: 0~20)	14.50 (6.88)	0 – 20	
	Counting (FACES: 0~5)	3.86 (1.55)	1 – 5	
	Academic Competence (CBI: 1~5) – parent report	3.68 (.45)	2.46 – 4.81	
Academic Competence (CBI: 1~5) – caregiver report	3.53 (.63)	1.88 – 5.00		



Table F2

Means, Standard Deviations, and Ranges of Children’s Social-emotional Competence

Social-emotional Competence		M (SD)	Range
Infants/ Toddlers	Social Competence (BITSEA: 0~2) – parent report	1.45 (.33)	.36 – 2.00
	Social Competence (BITSEA: 0~2) – caregiver report	1.32 (.35)	0 – 2.00
	Social Competence Sum Score (BITSEA: 0~22) – parent report	14.50 (3.84)	4.00 – 22.00
	Social Competence Sum Score (BITSEA: 0~22) – caregiver report	15.99 (3.58)	0 – 22.00
	Behavior Problems (BITSEA: 0~2) – parent report	0.27 (.16)	0 - .94
	Behavior Problems (BITSEA: 0~2) – caregiver report	0.23 (.16)	.02 – 1.00
	Behavior Problems Sum Score (BITSEA: 0~98) – parent report	15.39 (7.85)	0 – 45.90
	Behavior Problems Sum Score (BITSEA: 0~98) – caregiver report	11.42 (8.08)	1.00 – 49.00
Preschool Age Children	Extroversion (CBI: 1~5) – parent report	4.14 (.49)	2.48 – 5.00
	Extroversion (CBI: 1~5) – caregiver report	3.98 (.64)	1.88 – 5.00
	Considerateness (CBI: 1~5) – parent report	3.43 (.59)	1.88 – 5.00
	Considerateness (CBI: 1~5) – caregiver report	3.56 (.69)	1.38 – 5.00
	Anger-Aggression (SCBE: 1~6) – parent report	2.27 (.71)	1.00 – 4.90
	Anger-Aggression (SCBE: 1~6) – caregiver report	1.94 (.78)	1.00 – 5.10
	Social Competence (SCBE: 1~6) – parent report	4.14 (.77)	1.70 – 5.60
	Social Competence (SCBE: 1~6) – caregiver report	3.87 (.95)	1.40 – 5.80
	Anxiety-Withdrawal (SCBE: 1~6) – parent report	1.82 (.49)	1.00 – 3.70
	Anxiety-Withdrawal (SCBE: 1~6) – caregiver report	1.85 (.71)	.90 – 4.60



Data Reduction of Competence Variables

For infants and toddlers, the Mullen Early Learning composite score was used as the cognitive competence variable. Two composite variables (one parent and one caregiver report) were created to combine Social Competence and Problem Behavior into a total measure of social-emotional competence.

For older children, we identified six cognitive outcome variables (i.e., PPVT-III, FACES social awareness task, FACES color name, FACES counting, CBI academic competence – parent and provider reports) and four social outcome variables (i.e., parent and provider reports of CBI extroversion, CBI considerateness, and SCBE). Using Principal Components Analysis, four composite variables (two for cognitive competence and 2 for social competence) were created. Each composite variable has the mean of 0 and standard deviation of 1. Table F3 presents the final composites used for correlation and regression analyses.

Table F3
Preschool-Age Child Outcome Composite Variables

	Composite Variable	Components
Cognitive Competence	Early Academic Skills	PPVT-III, FACES social awareness task, FACES color name, and FACES counting
	Academic Attitude	CBI academic competence (parent & provider report)
Social- emotional Competence	Parent report	CBI extroversion, CBI considerateness, & SCBE
	Caregiver report	CBI extroversion, CBI considerateness, & SCBE

Table F4.
Means, Standard Deviations, and Ranges of Children's Competence by Community

Variables	Marion	Lake	Allen	St. Joseph
Infant/Toddler Cognitive Outcomes				
Mullen Scales of Early Learning	82.38 (15.34)	81.77(17.99)	86.23(14.73)	90.16(14.84)
Infant/Toddler Socio-emotional Outcomes				
BITSEA Problem Behavior (parent report)	.26 (.15)	.23 (.13)	.30 (.16)	.30 (.19)
BITSEA Problem Behavior (caregiver report)	.28 (.21)	.22 (.13)	.22 (.13)	.21 (.18)
BITSEA Social Competence (parent report)	1.46 (.28)	1.40 (.32)	1.44 (.37)	1.51 (.33)
BITSEA Social Competence (caregiver report)	1.43 (.23)	1.31 (.45)	1.23 (.33)	1.32 (.32)
Preschool Cognitive Outcomes				
FACES social awareness	3.30 (1.60)	3.74 (1.45)	3.09 (1.15)	3.71 (1.20)
FACES color naming	14.17 (6.99)	14.47 (7.25)	16.48 (5.30)	12.84 (7.48)
FACES Bear Counting	3.85 (1.66)	3.87 (1.51)	3.76 (1.55)	3.96 (1.54)
PPVT-III	88.04 (16.76)	81.68 (21.14)	89.04 (13.10)	92.09(15.94)
CBI Academic Attitude (parent report)	3.53 (.45)	3.80 (.47)	3.69 (.43)	3.70 (.40)
CBI Academic Attitude (caregiver report)	3.46 (.68)	3.63 (.66)	3.52 (.62)	3.53 (.56)
Preschool Socio-emotional Outcomes				
CBI extroversion (parent report)	4.11 (.48)	4.11 (.52)	4.17 (.46)	4.17 (.50)
CBI extroversion (caregiver report)	3.99 (.65)	3.99 (.62)	3.90 (.63)	4.03 (.66)
CBI considerateness (parent report)	3.32 (.59)	3.46 (.61)	3.44 (.56)	3.52 (.60)
CBI considerateness (caregiver report)	3.50 (.71)	3.62 (.72)	3.53 (.75)	3.58 (.59)
SCBE anger-aggression (parent	2.56 (.86)	2.03 (.54)	2.15 (.57)	2.32 (.71)

report)				
SCBE anger-aggression (caregiver report)	2.04 (.89)	1.81 (.72)	1.91 (.81)	2.00 (.70)
SCBE social competence (parent report)	3.95 (.78)	4.13 (.78)	4.23 (.80)	4.27 (.69)
SCBE social competence (caregiver report)	3.85 (.99)	3.96 (1.00)	3.75 (.82)	3.93 (1.00)
SCBE anxiety-withdrawal (parent report)	1.86 (.57)	1.80 (.49)	1.74 (.41)	1.90 (.49)
SCBE anxiety-withdrawal (caregiver report)	1.83 (.75)	1.82 (.47)	2.01 (.86)	1.72 (.71)

Table F5

Zero-order correlations of child competence and child care quality variables.

Child care Quality Variables	Child Cognitive and Social-emotional Skills						
	Infants/Toddlers			Preschool Age Children			
	Early Learning (Mullen)	Social Competence (parent)	Social Competence (caregiver)	Early Academic Skills	Academic Attitude	Social Competence (parent)	Social Competence (caregiver)
Global Quality (ECERS/FDCRS)	.33**			.37**			
Child-Adult Ratio							
Caregiver General Education		.26*					.16*
Caregiver Specialized Education		.18*					
Caregiver Interaction Scale	.28*			.18*			
Parent Caregiver Relationship Scale-Parent Report					.32**	.27**	
Parent Caregiver Relationship Scale-Caregiver Report							.50**
Student-Teacher Relationship Scale				.16*		.19*	.64**
Caregiver Responsiveness		-.19*					
Caregiver High Level Talk	.21*	.29*		.16*			.17*
Child Cognitive Activity							

+p<.10. *p≤ .05. **p≤ .01. ***p≤ .001.

Tables F6 – F11 present summaries of hierarchical regression analyses for variables predicting competence controlling for maternal education, child’s age in months and type of care.

Table F6
Summary of Hierarchical Regression Analyses for Variables Predicting Infant/Toddler Cognitive Competence.

Variable	Early Learning Skills			
	β	R^2	ΔR^2	F
Step 1		.08*		3.12
Maternal Education	.24**			
Child’s Age in Months	-.02			
Center vs. Home-based Care (CH)	.15			
Step 2a		.17***	.09***	5.64
Global quality (GQ)	.32***			
Step 3a		.17***	.00	4.48
CH X GQ	.02			
Step 2b		.14**	.06**	4.64
Caregiver Sensitivity (CS)	.26**			
Step 3b		.15**	.01	3.76
CH X CS	.06			
Step 2c		.10*	.02+	3.20
Caregiver Talk (CT)	.17+			
Step 3c		.11*	.01	2.63
CH X CT	.06			

Note. Global quality, caregiver sensitivity, and caregiver talk were centered at their means. + $p < .10$. * $p \leq .05$. ** $p \leq .01$. *** $p \leq .001$.

Table F7
Summary of Hierarchical Regression Analyses for Variables Predicting Infant/Toddler Social-emotional Competence (parent report).

Variable	Social-emotional Competence (parent report)			
	β	R^2	ΔR^2	F
Step 1		.06+		2.40
Maternal Education	-.07			
Child’s Age in Months	.24*			
Center vs. Home-based Care (CH)	-.01			
Step 2a		.05	.01	1.50

Variable	Social-emotional Competence (parent report)			
	β	R^2	ΔR^2	F
Caregiver Education (CE)	.12			
Step 3a				
CH X CE	.05	.06	.01	1.25
Step 2b		.09*	.03*	2.90
Caregiver Specialized Education (CSE)	.19*			
Step 3b		.10*	.01	2.36
CH X CSE	.05			
Step 2c		.08+	.02	2.40
Caregiver Responsiveness (CR)	-.14			
Step 3c		.08+	.00	2.00
CH X CR	-.07			
Step 2d		.12**	.06**	3.84
Caregiver Talk (CT)	.26**			
Step 3d		.13**	.01	3.26
CH X CT	-.09			

Note. Caregiver interaction and caregiver talk were centered at their means.
+ $p < .10$. * $p < .05$. ** $p < .01$. *** $p < .001$.

Table F8
Summary of Hierarchical Regression Analyses for Variables Predicting Preschool-Age Children Cognitive Competence (Early Academic Skills).

	Early Academic Skills			
	β	R^2	ΔR^2	F
Step 1		.32***		26.42
Maternal Education	.08			
Child's Age in Months	.55***			
Center vs. Home-based Care (CH)	.04			
Step 2a		.37***	.05***	24.11
Global Quality (GQ)	.25***			
Step 3a		.37***	.00	19.66
CH X GQ	-.09			
Step 2b		.33***	.02+	21.09
Caregiver Child Relationship (CCR)	.12+			
Step 3b		.34***	.01	17.07

	Early Academic Skills			
CH X CCR	.07			
Step 2c		.33***	.01+	20.89
Caregiver Sensitivity (CS)	.12+			
Step 3c		.33***	.00	16.62
CH X CS	-.01			
Step 2d		.34***	.02*	21.36
Caregiver Talk (CT)	.14*			
Step 3d		.34***	.00	17.26
CH X CT	-.07			

Note. Global quality, caregiver-child relationship, caregiver sensitivity, and caregiver high-level talk were centered at their means.

+ $p < .10$. * $p \leq .05$. ** $p \leq .01$. *** $p \leq .001$.

Table F9

Summary of Hierarchical Regression Analyses for Variables Predicting Preschool-Age Children Cognitive Competence (Academic Attitude).

	Academic Attitude			
	β	R^2	ΔR^2	F
Step 1		.01		.824
Maternal Education	.07			
Child's Age in Months	.10			
Center vs. Home-based Care (CH)	.01			
Step 2		.12***	.10***	5.46
Caregiver Parent Relationship (CPP) parent report	.32***			
Step 3		.12***	.00	4.55
CH X CPP	.08			

Note. Caregiver parent relationship was centered at its mean.

+ $p < .10$. * $p \leq .05$. ** $p \leq .01$. *** $p \leq .001$.

Table F10

Summary of Hierarchical Regression Analyses for Variables Predicting Preschool-Age Children Social-emotional Competence (parent report).

	Social-emotional Competence (parent report)			
	B	R^2	ΔR^2	F
Step 1		.01		.732
Maternal Education	-.05			
Child's Age in Months	.07			
Center vs. Home-based	.07			

	Social-emotional Competence (parent report)			
Care (CH)				
Step 2a		.05**	.04*	2.31
Caregiver Child Relationship (CCR)	.20**			
Step 3a		.05	.00	1.85
CH X CCR	-.02			
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Step 2b		.09	.08****	4.13
Caregiver Parent Relationship (CPP) Parent	.28			
Step 3b		.09	.00	3.29
CH X CPP	.01			

Note. Caregiver-child relationship and parent-caregiver relationship were centered at their means.

+ $p < .10$. * $p \leq .05$. ** $p \leq .01$. **** $p \leq .001$.

Table F11

Summary of Hierarchical Regression Analyses for Variables Predicting Preschool-Age Children Social-emotional Competence (caregiver report).

	Social-emotional Competence (caregiver report)			
	B	R ²	ΔR^2	F
Step 1		.00		.169
Maternal education	.04			
Child's age in months	.04			
Center vs. Home (CH)	.00			
Step 2a		.00	.00	.27
Caregiver General Education (CE)	.01			
Step 3a		.03	.03+	1.00
CH X CE	-.16+			
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Step 2b		.54****	.54****	50.03
Caregiver Child Relationship (CR)	.74****			
Step 3b		.54****	.00	39.86
CH X CR	-.03			
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Step 2c		.30****	.30****	17.76
Caregiver Parent Relationship (CPC) Caregiver	.56****			
Step 3c		.30****	.00	14.66

	Social-emotional Competence (caregiver report)			
CH X CPC	.10			
Step 2d		.03	.03	1.07
Caregiver high level talk (CT)	.15+			
Step 3d		.05	.02	1.75
CH X CT	-.17*			

Note. Caregiver-child relationship, caregiver-parent relationship, and caregiver high-level talk were centered on their means.

+p<.10. *p≤ .05. **p≤ .01. ***p≤ .001.

Tables F12 – F17 present summaries of hierarchical regression analyses for variables predicting competence examining the interaction effect of community while controlling for maternal education and child’s age in months.

Table F12

Summary of Hierarchical Regression Analyses for Variables Predicting Infant/Toddler Cognitive Competence.

Variable	Early Learning Skills			
	β	R ²	ΔR^2	F
Step 1		.05*		3.31
Maternal Education	.23*			
Child’s Age in Months	-.01			
Step 2a		.17***	.11***	7.49
Global Quality (GQ)	.34***			
Step 3a		.20***	.04	4.72
Dummy 1 (M)	-.23*			
Dummy 2 (A)	-.14			
Dummy 3 (L)	-.14			
Step 4a		.24**	.04	3.84
GQ X M	.16			
GQ X A	.10			
GQ X L	.30*			
Step 2b		.13***	.07**	5.68
Caregiver Sensitivity (CS)	.28**			
Step 3b		.18***	.05	3.91
Dummy 1 (M)	-.24*			
Dummy 2 (A)	-.16			
Dummy 3 (L)	-.18			
Step 4b		.20**	.03	3.02
CS X M	.22+			



Variable	Early Learning Skills			
	β	R ²	ΔR^2	F
CS X A	.13			
CS X L	.14			
Step 2c		.09+	.04*	3.84
Caregiver Talk (CT)	.19*			
Step 3c		.15***	.06+	3.25
Dummy 1 (M)	-.26*			
Dummy 2 (A)	-.17			
Dummy 3 (L)	-.23*			
Step 4c		.18*	.03	2.54
CT X M	.18			
CT X A	.12			
CT X L	.26+			

Note: Community was represented by three dummy variables with St. Joseph County serving as the reference group. M = St. Joseph County vs. Marion County; A = St. Joseph County vs. Allen County; L = St. Joseph County vs. Lake County.
 +p<.10. *p≤ .05. **p≤ .01. ***p≤ .001.

Table F13
 Summary of Hierarchical Regression Analyses for Variables Predicting Infant/Toddler Competence.

Variable	Social-emotional Competence (parent report)			
	β	R ²	ΔR^2	F
Step 1		.06*		3.62
Maternal Education	-.07			
Child's Age in Months	.24*			
Step 2a		.11**	.07**	4.49
Caregiver General Education (CE)	.27**			
Step 3a		.19***	.08**	4.19
Dummy 1 (M)	-.134			
Dummy 2 (A)	.07			
Dummy 3 (L)	-.26*			
Step 4a		.22**	.03	3.16
CE X M	-.52+			
CE X A	-.20			
CE X L	-.19			
Step 2b		.09*	.03*	3.87
Caregiver Specialized Education (CSE)	.18*			

Variable	Social-emotional Competence (parent report)			
	β	R ²	ΔR^2	F
Step 3b		.16**	.07*	3.56
Dummy 1 (M)	-.11			
Dummy 2 (A)	.02			
Dummy 3 (L)	-.28*			
Step 4b		.19**	.03	2.88
CSE X M	-.20			
CSE X A	-.04			
CSE X L	-.32*			
Step 2c		.08*	.02	3.22
Caregiver Responsiveness (CR)	-.14			
Step 3c		.13*	.05	2.67
Dummy 1 (M)	-.09			
Dummy 2 (A)	-.04			
Dummy 3 (L)	-.25*			
Step 4c		.20**	.07*	2.90
CR X M	.11			
CR X A	-.22			
CR X L	.11			
Step 2		.12**	.06**	4.88
Caregiver Talk (CT)	.24**			
Step 3		.15**	.03	3.34
Dummy 1 (M)	-.13			
Dummy 2 (A)	-.03			
Dummy 3 (L)	-.22			
Step 4		.24***	.08*	3.70
CT X M	.45***			
CT X A	.34*			
CT X L	.35*			

Note: Community was represented by three dummy variables with St. Joseph County serving as the reference group. M = St. Joseph County vs. Marion County; A = St. Joseph County vs. Allen County; L = St. Joseph County vs. Lake County.

+ $p < .10$. * $p \leq .05$. ** $p \leq .01$. *** $p \leq .001$.

Table F 14

Summary of Hierarchical Regression Analyses for Variables Predicting Preschool-Age Children Cognitive Competence.

	Early Academic Skills			
	β	R ²	ΔR^2	F
Step 1		.32***		39.61



Early Academic Skills				
Maternal Education	.08			
Child's Age in Months	.56***			
Step 2a		.36***	.04***	31.62
Global Quality (GQ)	.21***			
Step 3a		.38***	.02	16.58
Dummy 1 (M)	-.03			
Dummy 2 (A)	-.13			
Dummy 3 (L)	-.11			
Step 4a		.38***	.00	11.09
GQ X M	-.10			
GQ X A	.01			
GQ X L	.00			
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Step 2b		.33***	.02*	28.17
Caregiver Child Relationship (CCR)	.12+			
Step 3b		.34***	.01	14.61
Dummy 1 (M)	-.02			
Dummy 2 (A)	-.09			
Dummy 3 (L)	-.12			
Step 4b		.35***	.01	9.93
CCR X M	-.09			
CCR X A	-.07			
CCR X L	.02			
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Step 2c		.33***	.01	27.94
Caregiver Sensitivity (CS)	.12+			
Step 3c		.35***	.02	14.74
Dummy 1 (M)	-.01			
Dummy 2 (A)	-.13			
Dummy 3 (L)	-.10			
Step 4c		.37***	.02	10.69
CS X M	-.22+			
CS X A	-.11			
CS X L	-.06			
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Step 2d		.34***	.02*	28.50
Caregiver Talk (CT)	.14*			
Step 3d		.35***	.01	14.94
Dummy 1 (M)	-.05			
Dummy 2 (A)	-.12			
Dummy 3 (L)	-.13			
Step 4d		.37***	.02	10.42
CT X M	-.12			

	Early Academic Skills			
CT X A	-.19+			
CT X L	-.10			

Note: Community was represented by three dummy variables with St. Joseph County serving as the reference group. M = St. Joseph County vs. Marion County; A = St. Joseph County vs. Allen County; L = St. Joseph County vs. Lake County.
+p<.10. *p≤ .05. **p≤ .01. ***p≤ .001.

Table F15

Summary of Hierarchical Regression Analyses for Variables Predicting Preschool-Age Children Cognitive Competence.

	Academic Attitude			
	β	R ²	Δ R ²	F
Step 1		.01		1.24
Maternal Education	.07			
Child's Age in Months	.10			
Step 2		.11***	.10***	6.99
Caregiver Parent Relationship (CPP) parent report	.31***			
Step 3		.14***	.03	4.35
Dummy 1 (M)	-.15+			
Dummy 2 (A)	-.02			
Dummy 3 (L)	.02			
Step 4		.15***	.01	3.24
CPP X M	-.01			
CPP X A	.03			
CPP X L	-.14			

Note: Community was represented by three dummy variables with St. Joseph County serving as the reference group. M = St. Joseph County vs. Marion County; A = St. Joseph County vs. Allen County; L = St. Joseph County vs. Lake County.
+p<.10. *p≤ .05. **p≤ .01. ***p≤ .001.

Table F 16

Summary of Hierarchical Regression Analyses for Variables Predicting Preschool-Age Children Social-emotional Competence.

	Social-emotional Competence (parent report)			
	β	R ²	Δ R ²	F
Step 1		.01		.74
Maternal Education	-.04			
Child's Age in Months	.09			
Step 2a		.05*	.04**	2.91
Caregiver Child Relationship (CCR)	.20**			



	Social-emotional Competence (parent report)			
Step 3a		.09*	.04+	2.66
Dummy 1 (M)	-.17+			
Dummy 2 (A)	.06			
Dummy 3 (L)	-.01			
Step 4a		.10+	.01	1.93
CCR X M	-.01			
CCR X A	.11			
CCR X L	.06			
Step 2b		.08**	.07***	4.65
Caregiver Parent Relationship (CPP) Parent	.26***			
Step 3b		.10**	.02	3.18
Dummy 1 (M)	-.16+			
Dummy 2 (A)	.03			
Dummy 3 (L)	-.05			
Step 4b		.13**	.03	2.83
CPP X M	.12			
CPP X A	.12			
CPP X L	-.11			

Note: Community was represented by three dummy variables with St. Joseph County serving as the reference group. M = St. Joseph County vs. Marion County; A = St. Joseph County vs. Allen County; L = St. Joseph County vs. Lake County.

+p<.10. *p≤ .05. **p≤ .01. ***p≤ .001.

Table F 17

Summary of Hierarchical Regression Analyses for Variables Predicting Preschool-Age Children Social-emotional Competence.

	Social-emotional Competence (caregiver report)			
	β	R^2	ΔR^2	F
Step 1		.00		.26
Maternal Education	.04			
Child's Age in Months	.04			
Step 2a		.03	.02+	1.65
Caregiver General Education (CE)	.15+			
Step 3a		.04	.01	1.03
Dummy 1 (M)	-.04			
Dummy 2 (A)	-.09			
Dummy 3 (L)	-.01			
Step 4a		.07	.03	1.24
CE X M	.33			

	Social-emotional Competence (caregiver report)			
CE X A	-.30			
CE X L	.41			
Step 2b				
		.54***	.54***	66.89
Caregiver Child Relationship (CCR)	.73***			
Step 3b				
		.54***	.00	32.92
Dummy 1 (M)	-.02			
Dummy 2 (A)	-.03			
Dummy 3 (L)	-.01			
Step 4b				
		.55***	.01	22.06
CCR X M	.06			
CCR X A	.07			
CCR X L	.10			
Step 2c				
		.29***	.29***	22.57
Caregiver Parent Relationship (CPC) Caregiver	.54***			
Step 3c				
		.29***	.00	11.32
Dummy 1 (M)	.04			
Dummy 2 (A)	-.04			
Dummy 3 (L)	.01			
Step 4c				
		.31***	.02	8.19
CPC X M	-.16			
CPC X A	-.17			
CPC X L	-.21			
Step 2d				
		.03	.03+	1.44
Caregiver Talk (CT)	.15+			
Step 3d				
		.04	.01	1.08
Dummy 1 (M)	-.05			
Dummy 2 (A)	-.12			
Dummy 3 (L)	.01			
Step 4d				
		.04	.00	.76
CT X M	.00			
CT X A	.02			
CT X L	.06			

Note: Community was represented by three dummy variables with St. Joseph County serving as the reference group. M = St. Joseph County vs. Marion County; A = St. Joseph County vs. Allen County; L = St. Joseph County vs. Lake County.

+p<.10. *p≤ .05. **p≤ .01. ***p≤ .001