Appendix Table 1 of Gelber and Isen, "Children's Schooling and Parent's

Investment in Children." Descriptive Statistics: definitions, means, standard deviations,

and availability of dependent variables

Learning-related activities with child Practiced writing the None: 0.38 X alphabet in the past One or two times: 0.30 week Three or more: 0.31 X writing/spelling name One or two times: 0.31 in the past week Three or more: 0.38 Practiced rhyming None: 0.63 X words in the past One or two times: 0.23 week Three or more: 0.14 Help with letters, None 0.09 X words, or numbers in the past week' Three or more: 0.57 Told Stories None: 0.22 X One or two times: 0.64	oring 006*
Practiced writing the alphabet in the past one or two times: alphabet in the past one or two times: week Three or more: Practiced None: writing/spelling name one or two times: in the past week Three or more: Practiced rhyming None: words in the past one or two times: week Three or more: None one or two times: Week Three or more: Under the past one or two times: Under	
alphabet in the past One or two times: week Three or more: Practiced None: writing/spelling name One or two times: in the past week Three or more: Practiced rhyming None: words in the past One or two times: week Three or more: Week Three or more: Words, or numbers in One or two times: Three or more: One or two times:	
week Three or more: 0.32 Practiced None: 0.31 X writing/spelling name One or two times: 0.31 in the past week Three or more: 0.38 Practiced rhyming None: 0.63 X words in the past One or two times: 0.23 week Three or more: 0.14 Help with letters, None 0.09 X words, or numbers in One or two times: 0.34 the past week' Three or more: 0.57 Told Stories None: 0.22 X One or two times: 0.64	
Practiced None: 0.31 X writing/spelling name One or two times: 0.31 in the past week Three or more: 0.38 Practiced rhyming None: 0.63 X words in the past One or two times: 0.23 week Three or more: 0.14 Help with letters, None 0.09 X words, or numbers in One or two times: 0.34 the past week' Three or more: 0.57 Told Stories None: 0.22 X One or two times: 0.64	
writing/spelling name One or two times: in the past week Three or more: Practiced rhyming None: words in the past One or two times: Week Three or more: Help with letters, None words, or numbers in One or two times: the past week' Three or more: Told Stories None: One or two times:	
in the past week Three or more: Practiced rhyming None: words in the past One or two times: Week Three or more: Help with letters, None words, or numbers in One or two times: Three or more: O.34 the past week' Three or more: Told Stories None: O.25 None: O.27 Told Stories O.28 Three or more: O.34 Three or more: O.57 Told Stories None: O.22 X One or two times: O.64	
Practiced rhyming None: 0.63 X words in the past One or two times: 0.23 week Three or more: 0.14 Help with letters, None 0.09 X words, or numbers in One or two times: 0.34 the past week' Three or more: 0.57 Told Stories None: 0.22 X One or two times: 0.64	
words in the past One or two times: week Three or more: Help with letters, None 0.09 X words, or numbers in One or two times: the past week' Three or more: Told Stories None: 0.22 X One or two times: 0.64	
week Three or more: 0.14 Help with letters, None 0.09 X words, or numbers in One or two times: 0.34 the past week' Three or more: 0.57 Told Stories None: 0.22 X One or two times: 0.64	
Help with letters, None 0.09 X words, or numbers in One or two times: 0.34 the past week' Three or more: 0.57 Told Stories None: 0.22 X One or two times: 0.64	
words, or numbers in One or two times: the past week' Three or more: Told Stories None: One or two times: 0.34 0.57 Told Stories None: 0.22 X One or two times: 0.64	
the past week' Three or more: 0.57 Told Stories None: 0.22 X One or two times: 0.64	
Told Stories None: 0.22 X One or two times: 0.64	
One or two times: 0.64	
TE1	
Three or more: 0.36	
How many time read Not at all: 0.07 0.07 X X X X	X
to child in past week Once or Twice: 0.32 0.28	
Three or more times: 0.28 0.28	
Every day: 0.34 0.37	
For about how long at In minutes: 20.54 24.25 X X X	X
a sitting (15.97) (16.13)	
Number of minutes In minutes per week 91.81 108.53 X X X X	X
spent reading to child (103.0) (101.3)	
in last week	
(constructed)	
Work on learning the Never: 0.10 0.06 X X X*	
names of the letters Once a month or less: 0.07 0.04	
Two or three a month: $0.09 0.05$	
Once or twice a week: 0.30 0.24	
Three or four times a week: 0.22 0.25	
Every day: 0.24 0.35	
Discuss new words Never: 0.14 0.05 X X X*	
Once a month or less: 0.06 0.04	
Two or three a month: 0.08 0.06	
Once or twice a week: 0.22 0.25	
Three or four times a week: 0.16 0.24	
Every day: 0.33 0.36	
Have [CHILD] tell Never: 0.16 0.07 X X X*	
you a story Once a month or less: 0.09 0.09	
Two or three a month: $0.09 0.12$	
Once or twice a week: 0.23 0.29	
Three or four times a week: 0.14 0.17	
Every day: 0.30 0.26	

Dependent Variable	Categories	During	After	Availability					
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*	
Learning-related activities wi	ith child (continued)							_	
Listen to you read stories	Never:	0.15	0.06		X	X	X*		
where [CHILD] sees the	Once a month or less:	0.05	0.05						
print such as Big Books	Two or three a month:	0.08	0.08						
	Once or twice a week:	0.24	0.29						
	Three or four times a week:	0.21	0.25						
	Every day:	0.27	0.27						
Listen to you read stories	Never:	0.36	0.31		X	X	X*		
where (he/she) doesn't	Once a month or less:	0.10	0.09						
see the print.	Two or three a month:	0.10	0.10						
	Once or twice a week:	0.21	0.27						
	Three or four times a week:	0.11	0.14						
	Every day:	0.12	0.10						
Retell or make up stories.	Never:	0.17	0.13		X	X	X*		
_	Once a month or less:	0.09	0.11						
	Two or three a month:	0.10	0.12						
	Once or twice a week:	0.22	0.26						
	Three or four times a week:	0.16	0.17						
	Every day:	0.25	0.21						
Show [CHILD] how to	Never:	0.17	0.15		X	X	X*		
read a book or magazine	Once a month or less:	0.08	0.08						
	Two or three a month:	0.09	0.10						
	Once or twice a week:	0.22	0.24						
	Three or four times a week:	0.18	0.19						
	Every day:	0.25	0.25						
Have [CHILD] practice	Never:	0.15	0.07		X	X	X*		
writing or spelling	Once a month or less:	0.07	0.02						
(his/her) name.	Two or three a month:	0.08	0.03						
	Once or twice a week:	0.21	0.13						
	Three or four times a week:	0.19	0.20						
	Every day:	0.31	0.55						
Learn about rhyming	Never:	0.38	0.11		X	X	X*		
words and word families	Once a month or less:	0.11	0.05						
such as cat, mat, sat.	Two or three a month:	0.12	0.10						
	Once or twice a week:	0.18	0.25						
	Three or four times a week:	0.10	0.23						
	Every day:	0.11	0.26						

Dependent Variable	Categories	During	After		I	Availabilit	y	
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Learning-related activities wi	ith child (continued)							
Practice or teach	Never:	0.22	0.11		X	X	X*	
directional words such as	Once a month or less:	0.09	0.08					
over, up, or in.	Two or three a month:	0.09	0.11					
_	Once or twice a week:	0.20	0.24					
	Three or four times a week:	0.14	0.21					
	Every day:	0.26	0.26					
Number of materials	Average number of	1.85	2.15		X	X	X*	
parents use to work on above reading and language activities	materials:	(1.00)	(0.84)					
Practice reading, writing,	Not at all:		0.03				X*	X
or working with numbers	Once or Twice:		0.16					
or worming with marrie tra	3-6 times:		0.24					
	Every day:		0.57					
Read Books to Child	Not at all:		0.06				X*	X
	Once or Twice:		0.26					
	3-6 times:		0.25					
	Every day:		0.41					
Sing Song	Not at all:		0.11				X*	X
sing song	Once or Twice:		0.35				11	21
	3-6 times:		0.22					
	Every day:		0.33					
Tell stories	Not at all:		0.08				X*	X
Ten stories	Once or Twice:		0.48				21.	21
	3-6 times:		0.22					
	Every day:		0.22					
Counted things that you	None:	0.20		X				
can see	One or two times:	0.33		71				
can see	Three or more:	0.33						
Talk about the calendar	None:	0.51		X				
Tark about the calcidar	One or two times:	0.29		Λ				
	Three or more:	0.19						
Talk about how big	None:	0.13		X				
something is	One or two times:	0.43		Λ				
something is	Three or more:	0.29						
Help with letters, words,	None:	0.28	_	X				
or numbers	One or two times:	0.09		Λ				
or namoers	Three or more:	0.54						
	THIEF OF HIUTE.	0.57						

Dependent Variable	Categories	During	After	Availability				
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Learning-related activities w	ith child (continued)							
Talk about the calendar	Never:	0.22	0.07		X	X	X*	
or days of the week.	Once a month or less:	0.09	0.06					
	Two or three a month:	0.09	0.08					
	Once or twice a week:	0.17	0.19					
	Three or four times a week:	0.13	0.19					
	Every day:	0.29	0.41					
Work with rulers,	Never:	0.49	0.35		X	X	X*	
measuring cups, spoons,	Once a month or less:	0.12	0.14					
or other measuring	Two or three a month:	0.10	0.14					
instruments.	Once or twice a week:	0.14	0.19					
	Three or four times a week:	0.08	0.10					
	Every day:	0.07	0.07					
	Never:	0.52	0.56		X	X	X*	
	Once a month or less:	0.08	0.10					
Use dance or act out	Two or three a month:	0.08	0.09					
stories to practice math	Once or twice a week:	0.11	0.12					
ideas such as numbers or	Three or four times a week:	0.09	0.07					
size.	Every day:	0.11	0.07					
Use music to understand	Never:	0.57	0.56		X	X	X*	
math ideas.	Once a month or less:	0.08	0.10					
	Two or three a month:	0.07	0.08					
	Once or twice a week:	0.10	0.11					
	Three or four times a week:	0.07	0.07					
	Every day:	0.11	0.07					
Play math-related games	Never:	0.30	0.13		X	X	X*	
, c	Once a month or less:	0.10	0.08					
	Two or three a month:	0.11	0.11					
	Once or twice a week:	0.21	0.29					
	Three or four times a week:	0.14	0.22					
	Every day:	0.15	0.17					
Count things such as	Never:	0.10	0.07		X	X	X*	
small toys or chips, to	Once a month or less:	0.04	0.02					
learn math	Two or three a month:	0.07	0.06					
	Once or twice a week:	0.20	0.22					
	Three or four times a week:	0.20	0.25					
	Every day:	0.39	0.38					
Work with shape blocks.	Never:	0.27	0.30		X	X	X*	
1	Once a month or less:	0.08	0.10					
	Two or three a month:	0.08	0.12					
	Once or twice a week:	0.22	0.22					
	Three or four times a week:	0.16	0.14					
	Every day:	0.19	0.12					

Learning-related activities with child (continued) Practice reading, writing, or working with numbers Not at all: 0.03 0.16 0.16 0.24 0.57	Dependent Variable	Categories	During	After		1	Availabilit	y	
Practice reading, writing, or working with numbers Once or Twice: 0.16 3-6 times: 0.24 Every day: 0.57 0.16 3-6 times: 0.24 5-7									Spring 2006*
or working with numbers	Learning-related activities wa	ith child (continued)							
3-6 times: Every day: 0.57	Practice reading, writing,	Not at all:		0.03				X*	X
Every day:	or working with numbers	Once or Twice:		0.16					
Other activities with child Played sports or None: 0.32 X		3-6 times:							
Played sports or exercised together		Every day:		0.57					
One or two times:	Other activities with child								
Three or more:	Played sports or	None:	0.32		X				
Played with toys or indoor games together	exercised together	One or two times:	0.35						
Indoor games together		Three or more:	0.33						
Three or more: None:	Played with toys or	None:	0.04		X				
Involved in chores	indoor games together	One or two times:	0.21						
One or two times:		Three or more:	0.75						
Three or more: 0.62 None: 0.05 X One or two times: 0.25 Three or more: 0.70 Arts & Crafts None: 0.39 X One or two times: 0.35 Three or more: 0.26 Arts & Crafts None: 0.35 Three or more: 0.26 Arts & Crafts Never: 0.20 0.13 X X X Once a month or less: 0.07 0.10 Two or three a month: 0.09 0.12 Once or twice a week: 0.20 0.24 Three or four times a week: 0.15 0.17 Every day: 0.28 0.23 Number of materials parents use to work on arts & crafts Gone to a play, concert, No: 0.81 0.78 X X X X Yes: 0.19 0.22	Involved in chores	None:	0.11		X				
Took on errands		One or two times:	0.28						
One or two times: 0.25		Three or more:	0.62						
Three or more: 0.70 None: 0.39 X One or two times: 0.35 Three or more: 0.26 Arts & Crafts Never: 0.20 0.13 X X X Once a month or less: 0.07 0.10 Two or three a month: 0.09 0.12 Once or twice a week: 0.20 0.24 Three or four times a week: 0.15 0.17 Every day: 0.28 0.23 Number of materials parents use to work on arts & crafts Gone to a play, concert, or other live show Yes: 0.19 0.22	Took on errands	None:	0.05		X				
Arts & Crafts None: One or two times: Three or more: Once a month or less: Once or twice a week: Once or twi		One or two times:	0.25						
One or two times: Three or more: O.26 Arts & Crafts Never: Once a month or less: Once a month: Once or twice a month: Once or twice a week: Once on twice a week: Once or twi		Three or more:	0.70						
Three or more: Never: O.20 Once a month or less: Once a month: Once or twice a week: Three or four times a week: D.20 O.10 Once or twice a week: O.20 O.24 Three or four times a week: D.15 Every day: O.28 O.29 Number of materials parents use to work on arts & crafts Gone to a play, concert, O.26 Never: O.20 O.10 Two or three a month: O.20 O.24 Three or four times a week: O.25 O.27 Every day: O.28 O.28 O.29 X O.20 O.24 Three or four times a week: O.20 O.28 O.28 O.29 VX VY O.29 O.20 O.20 O.21 O.20 O.21 O.22 O.20 O.21 O.20 O.21 O.22 O.20 O.21 O.20 O.21 O.22	Arts & Crafts	None:	0.39		X				
Arts & Crafts Never: 0.20 0.13 X X X* Once a month or less: 0.07 0.10		One or two times:	0.35						
Once a month or less: Two or three a month: Once or twice a week:		Three or more:	0.26						
Two or three a month: Once or twice a week:	Arts & Crafts	Never:	0.20	0.13		X	X	X*	
Once or twice a week: Three or four times a week: O.20 O.24 Three or four times a week: O.28 O.28 O.23 Number of materials parents use to work on arts & crafts Gone to a play, concert, or other live show Once or twice a week: O.20 O.24 O.15 O.17 Every day: O.28 O.20 X O.155) arts & x X X X X X X X X X X X X X		Once a month or less:	0.07	0.10					
Three or four times a week: Every day: 0.15 0.17 Every day: 0.28 0.23 Number of materials parents use to work on arts & crafts Gone to a play, concert, No: 0.81 0.78 0.78 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0.79		Two or three a month:	0.09	0.12					
Number of materials parents use to work on arts & crafts Gone to a play, concert, No: or other live show Every day: 0.28 0.23 X (1.55) X 0.81 0.78 X X X X X X X X X X X X X X X X X X X		Once or twice a week:	0.20	0.24					
Number of materials parents use to work on arts & crafts Gone to a play, concert, No: or other live show Every day: 0.28 0.23 X (1.55) X 0.81 0.78 X X X X X X X X X X X X X X X X X X X		Three or four times a week:	0.15	0.17					
Number of materials parents use to work on arts & crafts Gone to a play, concert, No: or other live show 2.20 X (1.55) X (1.55) 0.81 0.78 X X X X X X X X X X X X X			0.28	0.23					
parents use to work on arts & crafts Gone to a play, concert, No: or other live show (1.55) 0.81 0.78 X X X X 0.19 0.22	Number of materials	3	2.20			X			
Gone to a play, concert, No: 0.81 0.78 X X X or other live show Yes: 0.19 0.22	parents use to work on								
or other live show Yes: 0.19 0.22		No:	0.81	0.78	X	X	X	X	X
Talked with [CHILD] No: 0.49 0.39 X X X X									
					X	X	X	X	X
about family history or Yes: 0.51 0.61 ethnic heritage		Yes:	0.51	0.61					
		No:	0.81	0.77	X	X	X	X	X
museum, or historical site Yes: 0.19 0.23		Yes:	0.19	0.23					
		No:	0.44	0.40	X	X	X	X	X
sponsored by a Yes: 0.56 0.60									
community, ethnic, or religious group	community, ethnic, or								

Dependent Variable	Categories	During	After	Availability				
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Other activities with child (co	ontinued)							
Build something or play	Not at all:		0.31				X*	X
with construction toys	Once or Twice:		0.44					
with [CHILD]	3-6 times:		0.16					
	Every day:		0.10					
Involve [CHILD] in	Not at all:		0.04				X*	X
household chores, like	Once or Twice:		0.21					
cooking, cleaning, or	3-6 times:		0.19					
caring for pets	Every day:		0.55					
Help [CHILD] do arts	Not at all:		0.20				X*	X
and crafts	Once or Twice:		0.49					
	3-6 times:		0.19					
	Every day:		0.12					
Play a sport or exercise	Not at all:		0.15				X*	X
together?	Once or Twice:		0.32					
	3-6 times:		0.26					
	Every day:		0.27					
Features of Parenting Practic								
"I encourage my child to	Not at all like you:	0.01	0.01	X		X	X	X
be curious, to explore,	Not much like you:	0.02	0.01					
and to question things"	Somewhat like you:	0.11	0.11					
	Very much like you:	0.28	0.34					
(0.6.1 1:1.1	Exactly like you:	0.58	0.54	37		37	37	37
"Make sure my child	Not at all like you:	0.00	0.00	X		X	X	X
knows I appreciate what	Not much like you:	0.01	0.00					
(he/she) tries to	Somewhat like you:	0.03	0.03					
accomplish."	Very much like you:	0.20	0.25					
"I an annua an mar abild to	Exactly like you:	0.77	0.72	v		v	v	v
"I encourage my child to	Not at all like you:	0.02	0.01	X		X	X	X
be independent of me."	Not much like you:	0.04	0.03					
	Somewhat like you:	0.13 0.28	0.12 0.33					
	Very much like you: Exactly like you:	0.28	0.53					
"Once I decide how to	Not at all like you:	0.03	0.02	X		X	X	X
deal with misbehavior of	Not much like you:	0.05	0.02	Λ		Λ	Λ	Λ
child, I follow through"	Somewhat like you:	0.03	0.04					
cinia, i follow through	Very much like you:	0.19	0.20					
	Exactly like you:	0.44	0.33					
"My child and I have	Not at all like you:	0.00	0.42	X		X	X	X
warm intimate moments	Not much like you:	0.00	0.01	Λ		Λ	Λ	Λ
together"	Somewhat like you:	0.06	0.01					
togotiloi	Very much like you:	0.00	0.32					
	Exactly like you:	0.64	0.59					
	Enactly line you.	0.0-1	0.07					

Dependent Variable	Categories	During	After		1	Availabilit	у	
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Features of Parenting Practic	ces (continued)							
"There are not times I	Not at all like you:	0.09	0.05	X		X	X	X
don't have the energy to	Not much like you:	0.09	0.08					
make my child behave as	Somewhat like you:	0.32	0.27					
(he/she) should"	Very much like you:	0.20	0.24					
	Exactly like you:	0.29	0.37					
"Teach child that	Not at all like you:	0.03	0.02	X		X	X	X
misbehavior or breaking	Not much like you:	0.04	0.04					
the rules will always be	Somewhat like you:	0.14	0.13					
punished"	Very much like you:	0.28	0.30					
•	Exactly like you:	0.50	0.51					
Medical involvement	• •							
Has [CHILD] been seen	No:	0.38	0.30	X	X	X	X	X
by a dentist since	Yes:	0.62	0.70					
September (exclude if HS								
helped)								
Do you have a place	No:	0.03	0.03	X	X	X	X	X
where you usually take	Yes:	0.97	0.97					
[CHILD] for routine								
medical care								
Has a professional tested	No:	0.47	0.25		X	X	X	X
[CHILD's] hearing	Yes:	0.53	0.75					
(exclude if HS helped)			****					
Has a professional tested	No:	0.46	0.24		X	X	X	X
[CHILD's] vision	Yes:	0.54	0.76					
(exclude if HS helped)			****					
Father involvement								
In the past month, on	Average number of days in	6.10	5.02		X	X	X	X
about how many days has	the past month:	(9.53)	(8.41)					
[CHILD] seen (his/her)	one publication.	().55)	(0.11)					
father								
Has your family received	No:	0.62	0.60		X	X	X	X
any child support	Yes:	0.38	0.40		11	21	21	21
payments from (his/her)	105.	0.50	0.10					
father								
Tracking how child learns an	d grows							
By keeping notes about	No:	0.55			X			
(his/her) behavior or	Yes:	0.45			21			
progress	1 00.	0.15						
By collecting samples of	No:	0.13			X			
[CHILD]'s work	Yes:	0.13			21			
[CIIID] 6 WOIR		0.07						

Tracking how child learns and grows (continued)	Dependent Variable	Categories	During	After		1	Availabilit	y	
By collecting photos									Spring 2006*
No:	Tracking how child learns an	d grows (continued)							
By charting (his/her) No: 0.62 X	By collecting photos	No:	0.11			X			
Dehavior or skills with stars or stickers Section 1.4		Yes:	0.89						
Stars or stickers By other means No:	By charting (his/her)	No:	0.62			X			
By other means	behavior or skills with	Yes:	0.38						
Yes:	stars or stickers								
Do you have a daily	By other means	No:	0.86			X			
Do you have a daily routine that you usually follow with your child		Yes:	0.14						
routine that you usually follow with your child Do you regularly use an organized educational approach for activities Rules or routines about Pes: 0.86 0.95	Rules or routines in the home								
Follow with your child Do you regularly use an organized educational Yes: 0.43 approach for activities Rules or routines about Yes: 0.86 0.95 X	Do you have a daily	No:	0.73			X			
Do you regularly use an organized educational approach for activities Rules or routines about No: 0.14 0.05 X X X X X X X X X	routine that you usually	Yes:	0.27						
organized educational approach for activities Yes: 0.43 Rules or routines about bedtime No: 0.14 0.05 X <	follow with your child								
Approach for activities Rules or routines about No: 0.14 0.05 X X X X X X X X X	Do you regularly use an	No:	0.57			X			
Rules or routines about bedtime No: Yes: 0.14 0.05 0.95 X X X X X X X X X X X X X X X X X X X	organized educational	Yes:	0.43						
Rule or routines about No:									
Rule or routines about No: 0.12 0.10 X <th< td=""><td>Rules or routines about</td><td>No:</td><td>0.14</td><td>0.05</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></th<>	Rules or routines about	No:	0.14	0.05	X	X	X	X	X
TV programs allowed to watch Rules or routines about No: 0.35 0.25 X X X X X X X X X	bedtime	Yes:	0.86	0.95					
watch Rules or routines about how many hours of TV yes: 0.35 0.25 0.75 X X X X X X X X X X X X X X X X X X X	Rule or routines about	No:	0.12	0.10	X	X	X	X	X
Rules or routines about how many hours of TV how		Yes:	0.88	0.90					
how many hours of TV		No:	0.35	0.25	X	X	X	X	X
Allowed to watch Rules or routines about No: 0.34 0.35 X X X X X X X X X									
what kinds of food child eats Yes: 0.66 0.65 Rules or routines about what chores child does No: 0.30 0.20 X									
eats Rules or routines about what chores child does No: 0.30 0.20 X <td>Rules or routines about</td> <td>No:</td> <td>0.34</td> <td>0.35</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td>	Rules or routines about	No:	0.34	0.35	X	X	X	X	X
eats Rules or routines about what chores child does No: 0.30 0.20 X <td>what kinds of food child</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	what kinds of food child								
what chores child does Yes: 0.70 0.80 Parent Involvement in School How often work with [CHILD] on things Never: 0.01 X X X [CHILD] on things Once a month or less: 0.02 he/she learned in school Two or three a month: 0.03 Once or twice a week: 0.13 Three or four times a week: 0.21 Every day: 0.60 Mother attended general school meeting No: 0.17 X X X Mother gone to parent teacher conference No: 0.16 X X X Mother attended a class No: 0.35 X X X									
How often work with Never:	Rules or routines about	No:	0.30	0.20	X	X	X	X	X
How often work with Never:	what chores child does	Yes:	0.70	0.80					
[CHILD] on things Once a month or less: 0.02 he/she learned in school Two or three a month: 0.03 Once or twice a week: 0.13 Three or four times a week: 0.21 Every day: 0.60 Mother attended general Yes: 0.83 Mother gone to parent No: 0.16 Mother attended a class No: 0.35 X X X X X X X X X X X X X X X	Parent Involvement in School	!							
he/she learned in school Two or three a month: Once or twice a week: Three or four times a week: Every day: Mother attended general Yes: Mother gone to parent No: Yes: 0.03 0.03 0.21 Every day: 0.60 X X X X X A School meeting Yes: 0.83 Mother gone to parent No: 0.16 X X X X X Mother attended a class No: 0.84 Mother attended a class No: 0.35 X X X	How often work with	Never:		0.01			X	X	X
Once or twice a week: Three or four times a week: Every day: O.21 Every day: O.60 Mother attended general Yes: O.83 Mother gone to parent No: O.16 X X X X Mother attended a class No: O.35 X X X	[CHILD] on things	Once a month or less:							
Three or four times a week: Every day: Mother attended general No: Yes: Mother gone to parent teacher conference Yes: Mother attended a class No: No: Yes: No: Yes: Yes: No: Yes: Yes: Yes: Yes: Yes: Yes: Yes: Yes	he/she learned in school	Two or three a month:		0.03					
Every day: Mother attended general No: school meeting Yes: Mother gone to parent No: teacher conference Yes: Mother attended a class No: 0.16 X X X X X X X X X X X X X		Once or twice a week:		0.13					
Mother attended general No: 0.17 X X X X school meeting Yes: 0.83 Mother gone to parent No: 0.16 X X X X teacher conference Yes: 0.84 Mother attended a class No: 0.35 X X X		Three or four times a week:		0.21					
school meeting Yes: Mother gone to parent No: teacher conference Yes: Mother attended a class No: 0.83 X X X X V V V V V V V V V V V V		Every day:		0.60					
school meeting Yes: Mother gone to parent No: 0.16 X X X teacher conference Yes: 0.84 Mother attended a class No: 0.35 X X X	Mother attended general	No:		0.17			X	X	X
teacher conference Yes: 0.84 Mother attended a class No: 0.35 X X X	school meeting	Yes:		0.83					
Mother attended a class No: 0.35 X X X	Mother gone to parent	No:		0.16			X	X	X
		Yes:		0.84					
event such as a play or Vac. 0.65	Mother attended a class	No:		0.35			X	X	X
sport event	event, such as a play or	Yes:		0.65					

Dependent Variable	Categories	During	After		1	Availabilit	у	
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Parent Involvement in School	l (continued)							
Father attended general	No:		0.65			X	X	X
school meeting	Yes:		0.35					
Father gone to parent	No:		0.67			X	X	X
teacher conference	Yes:		0.33					
Father attended a class	No:		0.69			X	X	X
event, such as a play or sport event	Yes:		0.31					
Father volunteer at the	No:		0.91			X	X	X
school	Yes:		0.09					
Teacher- and Interviewer-Re			0.05					
Parent attend open house	No:		0.15			X	X	X
	Yes:		0.85					
Have parents volunteered	No:		0.66			X	X	X
1	Yes:		0.34					
Have parents met with	No:		0.60			X	X	X
teacher and special needs team for special needs children	Yes:		0.40					
A variety of learning	Inadequate:		0.02		X	X	X	X
materials are available	Fairly inadequate:		0.02					
	Minimal		0.06					
	Minimal+, good-:		0.09					
	Good:		0.29					
	Very good:		0.26					
	Excellent:		0.27					
Child and Parent Time Alloca	ation Variables							
Non-parent Childcare		22.10			X			
Hours		(16.67)						
Hours at center-based		4.71			X			
daycare		(11.95)						
Hours at a day care home		1.71 (7.31)			X			
Childcare hours with		2.59			X			
non-parent relatives		(9.11)						
Money spent on childcare per month		37.45 (118.8)			X			
per monur		(110.0)						

Dependent Variable	Categories	During	After		1	Availabilit	у	
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Child and Parent Time Allow	cation and Other Variables (d	continued)						
Mother working	No:	0.48	0.43	X	X	X	X	X
	Yes:	0.52	0.57					
Father working	No:	0.11	0.06	X	X	X	X	X
	Yes:	0.89	0.94					
Home cleanliness	Inadequate:	0.02			X	X	X	X
	Fairly inadequate:	0.02						
	Minimal	0.06						
	Minimal+, good-:	0.09						
	Good:	0.29						
	Very good:	0.26						
	Excellent:	0.27						
Reading	Not at all:	0.08			X	X	X	X
-	Once or twice:	0.29						
	Three or more times:	0.20						
	Everyday:	0.44						
Childcare center director rep	orted involvement with							
parents and family oriented so								
Does the center staff	Continuous (constructed	0.69			X			
work with every family	instrument)	(0.40)						
to identify specific family service needs?								
How do center staff meet	Continuous (constructed	0.67			X			
the service needs of	instrument)	(0.40)						
families? Coordinate with	,	(31.13)						
outside social or health								
service provider.		0.50			••			
How do center staff meet	Continuous (constructed	0.58			X			
the service needs of families? Provide	instrument)	(0.42)						
services at center	Cantina are (a an atmanta d	0.71			v			
During this year, have	Continuous (constructed	0.71			X			
you used parent	instrument)	(0.38)						
volunteers at the center?								

Dependent Variable	Categories	During	After		1	Availabilit	y	
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Childcare center director rep	ported involvement with							
parents and family oriented s	services (continued)							
During this year, have	Continuous (constructed	0.60			X			
parent volunteers at the center served as	instrument)	(0.38)						
classroom aides?		0.24			37			
During this year, have parent volunteers at the center served as	Continuous (constructed instrument)	0.24 (0.31)			X			
consultants or workshop leaders?								
During this year, have	Continuous (constructed	0.50			X			
parent volunteers at the center served as providers of guidance on ethnic customs,	instrument)	(0.39)						
traditions, and values?								
During this year, have	Continuous (constructed	0.05			X			
parent volunteers at the center served as home visitors?	instrument)	(0.15)			Λ			
During this year, have	Continuous (constructed	0.37			X			
parent volunteers at the center served as	instrument)	(0.36)						
interpreters for non- English speaking or limited English-speaking families?								
During this year, have	Continuous (constructed	0.26			X			
parent volunteers at the center served as bus monitors or drivers?	instrument)	(0.35)						
Have parent volunteers	Continuous (constructed	0.28			X			
helped with height and weight measurements?	instrument)	(0.35)			11			
Have parent volunteers	Continuous (constructed	0.25			X			
helped with vision or	instrument)	(0.34)						
hearing screenings?								
Have parent volunteers	Continuous (constructed	0.62			X			
helped with classroom cleanup?	instrument)	(0.39)						
Have parent volunteers helped with dental care/prevention?	Continuous (constructed instrument)	0.34 (0.38)			X			

Dependent Variable	Categories	During	After		у			
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Childcare center director rep	orted involvement with							
parents and family oriented se	ervices (continued)							
Have parent volunteers in		0.20			X			
your center assisted other families with food shopping or home	instrument)	(0.28)						
management activities?								
Have parent volunteers in your center assisted classroom staff during snack/meal times (e.g., serving, eating with children	Continuous (constructed instrument)	0.68 (0.39)			X			
Have parent volunteers in	Continuous (constructed	0.63			X			
your center assisted in recruiting families?	instrument)	(0.40)			Λ			
Have parent volunteers in your center contacted parents to notify them of meetings and other center activities?	Continuous (constructed instrument)	0.61 (0.40)			X			
Have parent volunteers in	Continuous (constructed	0.63			X			
your center mentored or encouraged other families to participate?	instrument)	(0.41)						
Have parent volunteers in	Continuous (constructed	0.53			X			
your center helped with chores and maintenance?	instrument)	(0.40)						
Have parent volunteers in	Continuous (constructed	0.57			X			
your center helped with curriculum planning?	instrument)	(0.41)						
What staff positions do you have at the center?	Continuous (constructed instrument)	0.58 (0.43)			X			
Family service worker.								
Does the principal curriculum used by your	Continuous (constructed instrument)	0.70 (0.39)			X			
center specify the following? Ways to involve parents in their child's learning activities								

Dependent Variable	Categories	During	After		I	Availabilit	y	
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Childcare center director rep	orted involvement with							
parents and family oriented se								
Which of the following	Continuous (constructed	0.73			X			
activities do lead teachers	instrument)	(0.37)						
perform in the center?		. ,						
Informing parents about								
the progress of their child								
Which of the following	Continuous (constructed	0.69			X			
activities do lead teachers	instrument)	(0.38)						
perform in the center?								
Teaching parents about								
parenting/education/child								
development issues								
including activities to do								
with their children.		0.24			***			
Which of the following	Continuous (constructed	0.34			X			
activities do lead teachers	instrument)	(0.34)						
perform in the center?								
Conducting family								
assessments. Which of the following	Continuous (constructed	0.48			X			
activities do lead teachers	instrument)	(0.37)			Λ			
perform in the center?	mstrument)	(0.57)						
Providing guidance to								
families to help them								
meet their goals.								
Which of the following	Continuous (constructed	0.49			X			
activities do lead teachers	instrument)	(0.36)						
perform in the center?	,	,						
Providing referral to								
community services.								
Which of the following	Continuous (constructed	0.41			X			
activities do lead teachers	instrument)	(0.33)						
perform in the center?								
Providing informal								
counseling or addressing								
personal issues (e.g.,								
marital stress/family								
relations).								

Dependent Variable	Categories	During During	After		I	Availabilit	y	
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Childcare center director rep	orted involvement with							
parents and family oriented so								
Which of the following	Continuous (constructed	0.60			X			
activities do lead teachers	instrument)	(0.37)						
perform in the center?								
Providing								
information/referral to								
parents about educational services.								
Which of the following	Continuous (constructed	0.35			X			
activities do lead teachers	instrument)	(0.36)			Λ			
perform in the center?	111001 (11110)	(0.50)						
Providing assistance with								
basic needs (e.g.,								
food/housing/clothing/me								
dical care).								
Which of the following	Continuous (constructed	0.66			X			
activities do lead teachers	instrument)	(0.37)						
perform in the center?								
Obtaining information from parents about their								
experiences with the								
center including								
suggestions for								
improvement.								
Which of the following	Continuous (constructed	0.02			X			
activities do lead teachers	instrument)	(0.09)						
perform in the center?								
Other.	Continuous (constructor	0.61			v			
What services does the	Continuous (constructed	0.61			X			
center provide? Mental health services	instrument)	(0.42)						
Which of the following	Continuous (constructed	0.46			X			
activities do family	instrument)	(0.40)			21			
service workers perform	,	,						
in the center? Informing								
parents about the								
progress of their child.								

Dependent Variable	Categories Categories	During	After		Availability				
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*	
Childcare center director rep	orted involvement with								
parents and family oriented so	ervices (continued)								
Which of the following activities do family service workers perform in the center? Teaching parents about parenting/education/child	Continuous (constructed instrument)	0.58 (0.42)			X				
development issues									
including activities to do with their children.									
Which of the following activities do family service workers perform in the center? Conducting	Continuous (constructed instrument)	0.62 (0.43)			X				
family assessments. Which of the following activities do family service workers perform in the center? Providing	Continuous (constructed instrument)	0.63 (0.43)			X				
guidance to families to help them meet their goals. Which of the following activities do family service workers perform in the center? Providing referral to community	Continuous (constructed instrument)	0.63 (0.43)			X				
services. Which of the following activities do family service workers perform in the center? Providing informal counseling or addressing personal issues (e.g., marital	Continuous (constructed instrument)	0.61 (0.43)			X				
stress/family relations). Which of the following activities do family service workers perform in the center? Providing information/referral to parents about educational services.	Continuous (constructed instrument)	0.61 (0.44)			X				

Dependent Variable	Categories	During During	After		I	Availabilit	y	
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Childcare center director rep	orted involvement with							
parents and family oriented s	,							
Which of the following	Continuous (constructed	0.62			X			
activities do family	instrument)	(0.44)						
service workers perform in the center? Providing								
assistance with basic								
needs (e.g.,								
food/housing/clothing/me								
dical care).								
Which of the following	Continuous (constructed	0.60			X			
activities do family	instrument)	(0.43)						
service workers perform in the center? Obtaining								
information from parents								
about their experiences								
with the center including								
suggestions for								
improvement.	C	0.65			37			
Are visits to children's homes required of any	Continuous (constructed instrument)	0.65 (0.44)			X			
center staff?	mstrument)	(0.44)						
How many home visits	Continuous (constructed	1.43			X			
are required per program	instrument)	(0.99)						
year?	C	0.60			V			
Do you partner with other service providers in the	Continuous (constructed instrument)	0.69 (0.39)			X			
community to help	msu ument)	(0.39)						
children get the services								
they need?								
What services does the	Continuous (constructed	0.35			X			
center provide to other family members? Income	instrument)	(0.39)						
assistance, including								
welfare, SSI, or								
unemployment insurance.								
What services does the	Continuous (constructed	0.49			X			
center provide to other	instrument)	(0.42)						
family members? Help with medical care								
with medical care								

Dependent Variable	able 1 (continued). Descr Categories	During	After		I	Availabilit		
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Childcare center director rep								
parents and family oriented s								
What services does the	Continuous (constructed	0.46			X			
center provide to other family members? Food	instrument)	(0.42)						
and nutrition assistance,								
including food stamps or								
WIC.								
What services does the	Continuous (constructed	0.45			X			
center provide to other	instrument)	(0.42)						
family members? Help with housing.								
What services does the	Continuous (constructed	0.42			X			
center provide to other	instrument)	(0.41)						
family members? Help								
with utilities (water, heat,								
electric, telephone). What services does the	Continuous (constructed	0.56			X			
center provide to other	instrument)	(0.42)			Λ			
family members? Adult	1110 12 (1111 (111)	(0.12)						
education/literacy.								
What services does the	Continuous (constructed	0.49			X			
center provide to other	instrument)	(0.42)						
family members? Job training and								
unemployment								
assistance.								
What services does the	Continuous (constructed	0.39			X			
center provide to other	instrument)	(0.40)						
family members? Alcohol or drug abuse								
treatment or counseling.								
What services does the	Continuous (constructed	0.54			X			
center provide to other	instrument)	(0.41)						
family members? Family								
counseling or mental health services.								
What services does the	Continuous (constructed	0.50			X			
center provide to other	instrument)	(0.41)						
family members? Help								
dealing with family violence.								
violetice.								

Dependent Variable	Categories	During	After		I				
				Fall 2002	Spring 2003				
Childcare center director rep	ported involvement with								
parents and family oriented s	ervices (continued)								
What services does the	Continuous (constructed	0.15			X				
center provide to other	instrument)	(0.27)							
family members? Foster care payments.									
What services does the	Continuous (constructed	0.09			X				
center provide to other	instrument)	(0.19)							
family members? Any									
other service.									
Parent reported parent-									
center measures									
Volunteered or observed	Not yet:	0.58			X				
in child's care setting?	Once or twice:	0.14							
	Several Times	0.13							
	About once a month:	0.07							
	At least once a week:	0.07							
Attended parent-	Not yet:	0.52			X				
teacher/care provider	Once or twice:	0.19							
conferences?	Several Times	0.16							
	About once a month:	0.10							
	At least once a week:	0.03							
Attended parent	Not yet:	0.76			X				
education meetings or	Once or twice:	0.10							
workshops at child care	Several Times	0.07							
center focusing on topics	About once a month:	0.05							
such as job skills or child-rearing?	At least once a week:	0.02							

Dependent Variable	Categories	During	After		I	Availabilit		
				Fall 2002	Spring 2003	Spring 2004*	Spring 2005	Spring 2006*
Parent reported parent-center	r measures (continued)							
Attended or helped out	Not yet:	0.63			X			
with activities such as	Once or twice:	0.14						
fieldtrips, fundraising,	Several Times	0.13						
Policy Council,	About once a month:	0.06						
or other planning group	At least once a week:	0.02						
Other ways participated	Not yet:	0.99			X			
in the care setting	Once or twice:	0.00						
S	Several Times	0.00						
	About once a month:	0.00						
	At least once a week:	0.00						
Since last September,	No:	0.68			X			
have you received home	Yes:	0.32						
visits to talk about								
[CHILD]'s growth and								
development from setting	NI.	0.01			v			
Did HS help you obtain a	No:	0.81			X			
health screening for your child	Yes:	0.19						
Did HS help you obtain	No:	0.89			X			
dental care for your child	Yes:	0.11						

Notes: Appendix Table 1 shows information about each of the dependent variables analyzed in Appendix Table 2 and aggregated in Table 2. The "categories" column shows the categories of possible responses to the question. The During column lists the mean of the dependent variable in the During period, and the After column lists the mean of the dependent variable in the After period. For binary variables, we show the mean of a dummy that equals 1 when the observation is in the category indicated by the variable and zero otherwise. We do not show standard deviations of binary variables since this is a simple function of the mean value of the variable. For non-binary variables, we show the standard deviation of the variable in parentheses in these columns. We do not show means and standard deviations of cognitive and non-cognitive measures and continuous variables because we normalize these variables by subtracting their mean and dividing by their standard deviation (in order to make them more comparable in a regression framework); thus, they all have a mean of 0 and a standard deviation of 1. Appendix Table 2 shows the number of observations available for each of the variables. The "availability" columns show the periods in which each variable is observed; an "X" denotes that a variable is observed during the period in question. "X*" indicates that data are available for either only the 3-year-old cohort or the 4-year-old cohort; X* in Spring 2004 indicates that only the four-yearold cohort is included, whereas X* in Spring 2006 indicates that only the three-year-old cohort is included. All observations are weighted by the final parent weights, except the teacher-reported variables, which are weighted by teacher interview weights. See Appendix A for information on how we construct the instruments whose summary statistics are reported for childcare center director-reported involvement with parents and family-oriented services.