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**Title:** You have a Message from Illi! : The Mobile Diary in Researching Children's Daily Experiences

**Year:** 2017

**Version:**

**Please cite the original version:**

Rönkä, A., Sevón, E., Räikkönen, E., & Hintikka, T. (2017). You have a Message from Illi! : The Mobile Diary in Researching Children's Daily Experiences. *Child Indicators Research*, 10(2), 505-523. <https://doi.org/10.1007/s12187-016-9386-y>

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Table 1. Background information about the two groups of participants (N)

		Day care group	Day and night care group
Child gender	Girls	6	11
	Boys	9	6
	All	15	17
Parental working time pattern		at least one parent worked days	both parents or lone parent worked nonstandard hours
Family type	nuclear family	12	6
	lone parent family	1	5
	Step-family	1	6
	all	14	17

Table 2. The content and structure of mobile questions

	Mobile questions for children	Mobile questions for adults
Children's moods	5 items (happy, sad, angry, worried, tired) "Tell Illi how happy you have been this morning?" (1= not at all, 4= very)	7 items (happy, sad, angry, worried, tired, motivated, restless) Has the child been happy this morning? (1=not at all, 7=very)
Daily doings and key events	What have you done today at home/in daycare? Describe one good/ challenging moment today at home	How did the child sleep? How was the child's day today? Describe one good/ challenging moment with the child today
Interaction, atmosphere	Yes-no statements (10 items) e.g., I was bored at the day care today; I had friends at the day care today (0=no, 1=yes)	How would you define the atmosphere at home today? (1=conflicted, tense, 7=nice, relaxed) Evaluate your interaction with the child this morning? (1=quarrelsome, disagreeing, 7=peaceful)
Parenting and work-family interface		Evaluate how many daily hassles there have been in your family today (1=not at all, 7=very many) How successful were you in work-family reconciliation today (1= not at all, 7=very successful)

Table 3. Intra-class correlations and between- and within-level variance of children's emotions evaluated by parents and children.

Emotion	Intra-class		Between-level mean		Between-level variance		Within-level variance	
	correlation				(Standard error)		(Standard error)	
	Adult	Child	Adult <sup>a</sup>	Child <sup>b</sup>	Adult	Child	Adult	Child
Happy	0.062**	0.331***	5.749***	3.227***	0.059**	0,228**	0,903***	0,459***
					(0.024)	(0,076)	(0,086)	(0,053)
Angry	0,061**	0,080*	1.749***	1.185***	0.087**	0,023*	0,941***	0,263***
					(0.032)	(0,012)	(0,116)	(0,055)
Worried	0.047*	0,038	1.302***	1.152***	0.020*	0.010*	0.417***	0.247***
					(0.01)	(0.005)	(0.067)	(0.046)
Sad	0.033	0.158	1.325***	1.207***	0.019	0.050	0.552***	0.268***
					(0.012)	(0.042)	(0.082)	(0.050)
Tired	0.118***	0.137***	2.171***	1.637***	0.225***	0.113***	1.683***	0.716***
					(0.054)	(0.032)	(0.184)	(0.094)

Note. \* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ . <sup>a</sup>Response scale 1–7. <sup>b</sup>Response scale 1–4.

Table 4. Between- and within-level correlations between adults' and children's ratings of children's emotions.

Emotion	Level	Over the week	Time of day		
			Morning	Day	Evening
Happy	Between-level correlation	0.492***	0.671***	0.566	0.688
	Within-level correlation	0.176**	0.227**	0.023	0.102
Angry	Between-level correlation	0.188	0.541*	-0.083	0.520
	Within-level correlation	0.292***	0.141	0.128*	0.441***
Worried	Between-level correlation	0.675	0.662	0.898	0.794
	Within-level correlation	0.045	-0.024	0.069	0.041
Sad	Between-level correlation	0.570**	0.934***	-0.343	-0.189
	Within-level correlation	0.216**	0.004	0.247*	0.324**
Tired	Between-level correlation	0.528***	0.615**	0.645*	0.640**
	Within-level correlation	0.192***	0.152	0.093	0.093

Note. \* $p < .05$ , \*\* $p < .01$ , \*\*\* $p < .001$ .

Table 5. Feedback given by parents, day care staff and children

	Parents	Day care staff	Children
What was best/worked well	<p>The questions were clear</p> <p>It was quick and easy to answer</p> <p>The child liked Illi and was motivated</p> <p>Participating was interesting. and the questions led the parent to reflect on daily routines and parenting</p> <p>Answering Illi's questions together with the child was a good experience</p> <p>The day care center was motivated to participate in the research</p>	<p>Questions were clear and relevant</p> <p>Better than paper and pencil</p> <p>The pre-familiarization with the research project worked well</p> <p>Children were motivated</p> <p>Parents easily remembered to bring the mobile phone to day care</p> <p>Opportunity to share time with the child</p>	<p>Children liked Illi very much: Illi figure fascinated</p> <p>Answering was easy and nice</p> <p>It was nice to listen to one's own answers</p> <p>Illi's story was nice</p>
What was difficult and challenging	<p>Timing of answering did not always fit daily family timetable and the child's daily routine</p> <p>Some questions started to bore or exhaust</p> <p>Technical challenges (small keyboard made writing difficult)</p>	<p>It was difficult to name and rate the child's moods</p> <p>Answering difficult during rush hours and shift changes</p> <p>Sometimes difficult to find a peaceful place and time for answering</p> <p>The small keyboard difficult</p> <p>The presence of the adult might have affected children's answers Sometimes the children answered in a hurry.</p>	<p>Some questions started to bore the child</p> <p>Some would prefer answering by writing instead of talking</p> <p>Sometimes Illi's messages interrupted the child's play</p>