

Supplemental Table S1 Infant-Parent Characteristic

		Finland	Sweden			Estonia		Italy	Spain	Norway			
		Turku	Uppsala	Danderyd	Huddinge	Tallinn	Tarto	Como	Madrid	Drammen	Bergen	Tromso	p-value
ID		11	12	13	15	16	17	19	20	22	23	24	
N	n	42	31	26	21	36	35	32	39	34	31	12	
Infant characteristics													
pna at study entry	med(q1,q3)	3 (2,4)	4 (3,5)	5 (3,8)	3 (2,5;5)	3 (2,75;4,25)	2 (1,3)	3 (2,4)	4 (3,5)	3 (1,5)	3 (2,5)	5 (5,10)	
gestational age	med (q1,q3)	32.3 (29.9, 34.1)	28.4 (25.0, 31.4)	33.7 (32.4, 34.4)	32.4 (30.9, 34.6)	33.3 (31.9, 34.2)	33.3 (31.9, 34.2)	32.3 (31.4, 33.0)	31.3 (28.7, 33.3)	33.3 (31.9, 34.1)	31.6 (28.0, 33.6)	32.1 (30.0, 34.6)	<0.0001
birth weight (g)	med (q1,q3)	1770 (1200, 2115)	1135 (654, 1763)	2032 (1748, 2234)	1707 (1343, 2290)	1980 (1712, 2336)	1974 (1410, 2222)	1548 (1070, 1760)	1450 (1090, 1800)	1962 (1718, 2180)	1590 (1200, 2100)	1563 (1242, 2207)	<0.0001
birth length (cm)	med (q1,q3)	42.0 (40.0, 44.0)	36.0 (30.5, 42.0)	44.0 (41.0, 45.0)	41.0 (38.0, 45.0)	44.0 (41.0, 46.0)	42.0 (40.0, 45.0)	41.0 (36.8, 43.5)	40.0 (36.0, 43.5)	43.0 (40.5, 44.0)	41.0 (38.0, 45.0)	41.0 (37.5, 45.0)	
birth head circumference (cm)	med (q1,q3)	29.9 (27.0, 31.5)	25.5 (22.0, 30.0)	31.0 (29.5, 32.5)	30.5 (29.1, 32.5)	31.0 (29.5, 32.0)	31.0 (29.0, 32.0)	29.0 (27.0, 30.0)	28.5 (26.0, 30.5)	31.0 (29.2, 32.0)	29.0 (27.0, 31.0)	28.8 (27.3, 31.5)	
Sex, female	n	17	14	12	12	27	20	15	23	17	17	5	0.2779
delivery, vaginal	n	16	19	12	7	20	19	5	15	14	22	3	0.0028
twins	n	23	6	2	10	12	10	12	16	10	2	2	0.0016
incubator, yes	n	14	14	3	10	31	30	27	35	9	14	3	<0.0001
Parent characteristics													
mother's age	med (q1,q3)	31.0 (29.0, 34.0)	32.5(28.0, 36.0)	33.0 (29.0, 36.0)	33.0 (30.0, 36.0)	31.0 (28.5, 33.0)	31.0 (26.0, 34.0)	35.5 (31.5, 38.0)	36.0 (33.0, 39.0)	32.5 (30.0, 40.0)	32.0 (28.0, 34.0)	32.0 (28.0, 41.0)	0.0006
father's age	med (q1,q3)	32.0 (29.5, 34.5)	31.5 (30.0, 37.0)	35.0 (31.0, 37.0)	34.0 (30.0, 38.0)	34.0 (30.0, 37.0)	32.5 (30.0, 38.0)	36.5 (34.0, 41.5)	35.0 (33.0, 43.0)	34.0 (32.0, 39.0)	33.0 (30.0, 35.0)	35.5 (29.0, 43.0)	0.0002
mother's language non-native	n	10	0	3	3	0	0	0	0	5	6	0	0.0301
father's language non-native	n	6	1	5	5	1	2	0	2	10	2	0	0.0164
mother's education other than university	n	33	12	9	10	13	20	17	24	7	24	3	<0.0001
mother's education university	n	5	16	17	11	23	15	12	15	27	7	6	<0.0001
father's education other than university	n	34	15	17	17	18	28	26	24	10	19	4	<0.0001
father's education university	n	5	13	4	4	16	6	3	11	23	12	2	<0.0001
mother's socioeconomic status 1,2,...,5*	n	25, 2, 7, 5, 2	24, 0, 1, 1, 3	20, 0, 0, 1, 2	18, 0, 0, 1, 2	21, 9, 2, 2, 2	23, 10, 0, 0, 2	28, 2, 1, 0, 1	31, 6, 2, 0, 0	31, 1, 1, 0, 1	28, 0, 1, 2, 0	10, 0, 0, 1, 0	<0.0001
father's socioeconomic status 1,2,...,4**	n	35, 4, 0, 1	24, 0, 1, 4	23, 0, 0, 3	20, 1, 0, 0	35, 1, 0, 0	30, 0, 0, 4	27, 0, 0, 4	30, 5, 0, 1	32, 1, 0, 0	30, 0, 1, 0	9, 0, 1, 0	0.0019
time to home <30	n	25	17	21	10	22	17	17	35	20	20	7	0.0106
time to home 30-60	n	3	1	4	5	5	6	12	4	13	3	0	0.0106
time to home >60	n	14	13	1	4	9	12	0	0	1	8	4	0.0106
siblings, yes	n	24	17	10	13	19	18	8	11	22	15	5	0.0299
mother's prev. child in a NICU	n	7	6	2	2	7	3	2	4	4	3	2	0.6354
father's prev. child in a NICU	n	6	6	1	2	7	3	2	4	2	3	0	0.5456
car, yes	n	41	27	24	19	31	32	31	31	34	30	8	0.1504
parents living together, yes	n	37	30	26	21	36	31	31	33	33	31	9	0.004
mother smoking, yes	n	0	0	1	2	2	3	3	11	0	0	2	0.0162
father smoking, yes	n	9	0	5	2	10	17	11	20	5	4	1	0.0002
Paid Maternity leave		105 days	60 days (sick child allowance)			140 days		5 month (80% salary, compulsory leave)	16+2 weeks	13 weeks			
Paid Paternity leave		54 days	60 days (sick child allowance)			10 days		right to be away from work	2 weeks	10 weeks			
Paid Parental leave		+158 days	480 days (80 weeks)			435 days (62 weeks)				26 weeks 100% 36 weeks 80%			

* 1=paid work, 2=home-maker, 3=unemployed, 4=student, 5=other, ** 1=paid work, 2=unemployed, 3=student, 4=other