

SUPPLEMENTARY DATA:

Supplementary Table 1 - Overview of parent participants versus parent non-participants.

	OR ^a	χ^2 p-value
Participation of offspring	91.1	<0.001
Cohabitation with participating offspring	3.8	<0.001
Female gender of participating offspring	1.04	0.874
Norwegian origin	3.74	<0.001
Labor Party affiliation	8.22	<0.001
Geographic residence	^b	0.603

^a odds ratio in favor of parental participation

^b χ^2 of five regions

Supplementary table 2 – Overview of parent participants in respect to mode of participation (n=448-451).

	Mode of participation				
	interview	questionnaire child ≥1992 ^a	p- value ^b	questionnaire child <1992 ^c	p- value ^b
<u>Dichotomous variables</u> (number; %)					
All parents	309 (68.5%)	43 (9.5%)		99 (22%)	
Mothers	187 (73.0%)	16 (6.3%)	0.007	53 (20.7%)	0.018
Fathers	122 (62.6%)	27 (13.8%)		46 (23.6%)	
Parent of intact family	204 (73.9%)	7 (2.5%)	<0.001	65 (23.6%)	0.960
Parent of other family	105 (60.0%)	36 (20.6%)		34 (19.4%)	
Norwegian origin	281 (68.4%)	38 (9.2%)	0.469	92 (22.4%)	0.515
Non-Norwegian origin	26 (70.3%)	5 (13.5%)		6 (16.2%)	
Higher education	178 (68.5%)	19 (7.3%)	0.085	63 (24.2%)	0.312
No higher education	129 (68.6%)	24 (12.8%)		35 (18.6%)	
<u>Continuous variables</u> (mean)					
Age	46.9	48.8	0.098	52.2	<0.001
PTSD - range 0-4	1.15	1.11	0.741	1.06	0.282
HSCL-8 - range 1-4	1.71	1.58	0.169	1.67	0.575

^a Questionnaire, parent of child born in 1992 or later, due to unavailability to participate in a face-to-face interview.

^b Unadjusted, logistic regression, questionnaire vs. interview

^c Questionnaire, parent of child born in 1991 or earlier, selection by study design.

Supplementary Table 3 - Logistic regression models of proactive early outreach (crisis team - A, and contact person - B) and specialized mental healthcare services - C, corresponding to Figure 1 a-c.

Model A – crisis team (n=445)

	unadjusted regression			adjusted model		
	OR	95% CI	p-value	OR	95% CI	p-value
Female gender	1.56	1.08-2.28	0.019	1.47	0.96-2.24	0.075
Intact family	1.50	0.94-2.37	0.086	1.69	1.05-2.72	0.032
Norwegian origin	2.12	1.03-4.36	0.041	2.39	1.14-4.98	0.021
Higher education	0.92	0.59-1.44	0.716	0.91	0.57-1.44	0.675
Age (per 5 years)	0.91	0.77-1.08	0.270	0.94	0.78-1.12	0.477
PTSD RI	1.23	0.91-1.65	0.175	1.24	0.90-1.71	0.194
HSCL-8	1.12	0.80-1.56	0.503	1.08	0.76-1.54	0.671

Model B – contact person (n=441)

	unadjusted regression			adjusted model		
	OR	95% CI	p-value	OR	95% CI	p-value
Female gender	1.27	0.89-1.83	0.189	1.29	0.83-2.00	0.258
Intact family	1.99	1.23-3.21	0.005	2.21	1.32-3.68	0.002
Norwegian origin	1.98	0.90-4.37	0.091	2.04	0.92-4.50	0.079
Higher education	0.85	0.54-1.32	0.460	0.78	0.49-1.25	0.295
Age (per 5 years)	0.93	0.79-1.10	0.387	0.94	0.78-1.12	0.485
PTSD RI	1.05	0.78-1.43	0.735	1.09	0.79-1.50	0.617
HSCL-8	1.02	0.71-1.45	0.928	1.02	0.71-1.47	0.910

Model C – specialized mental healthcare (n=419)

	unadjusted regression			adjusted model		
	OR	95% CI	p-value	OR	95% CI	p-value
Female gender	1.46	1.00-2.12	0.051	0.94	0.61-1.44	0.768
Intact family	1.26	0.81-1.96	0.300	1.44	0.91-2.27	0.122
Norwegian origin	0.77	0.35-1.68	0.515	1.23	0.50-3.01	0.654
Higher education	1.22	0.82-1.83	0.325	1.23	0.81-1.86	0.333
Age (per 5 years)	0.87	0.74-1.02	0.090	0.92	0.77-1.10	0.359
PTSD RI	2.00	1.51-2.64	<0.001	2.08	1.55-2.79	<0.001
HSCL-8	2.38	1.71-3.32	<0.001	2.42	1.71-3.43	<0.001

Adjusted regressions include all independent variables of each model. As multicollinearity of PTSD RI and HSCL-8 ($r=0.82$) is observed, and the adjusted regressions of PTSD RI and HSCL-8 are estimated without reciprocal adjustment of one another. The adjusted regressions of PTSD RI and HSCL-8 thus include the socio-demographic variables of each model only. Adjusted regressions for the remaining variables of each model include the complete set of variables including both measures of psychopathology.