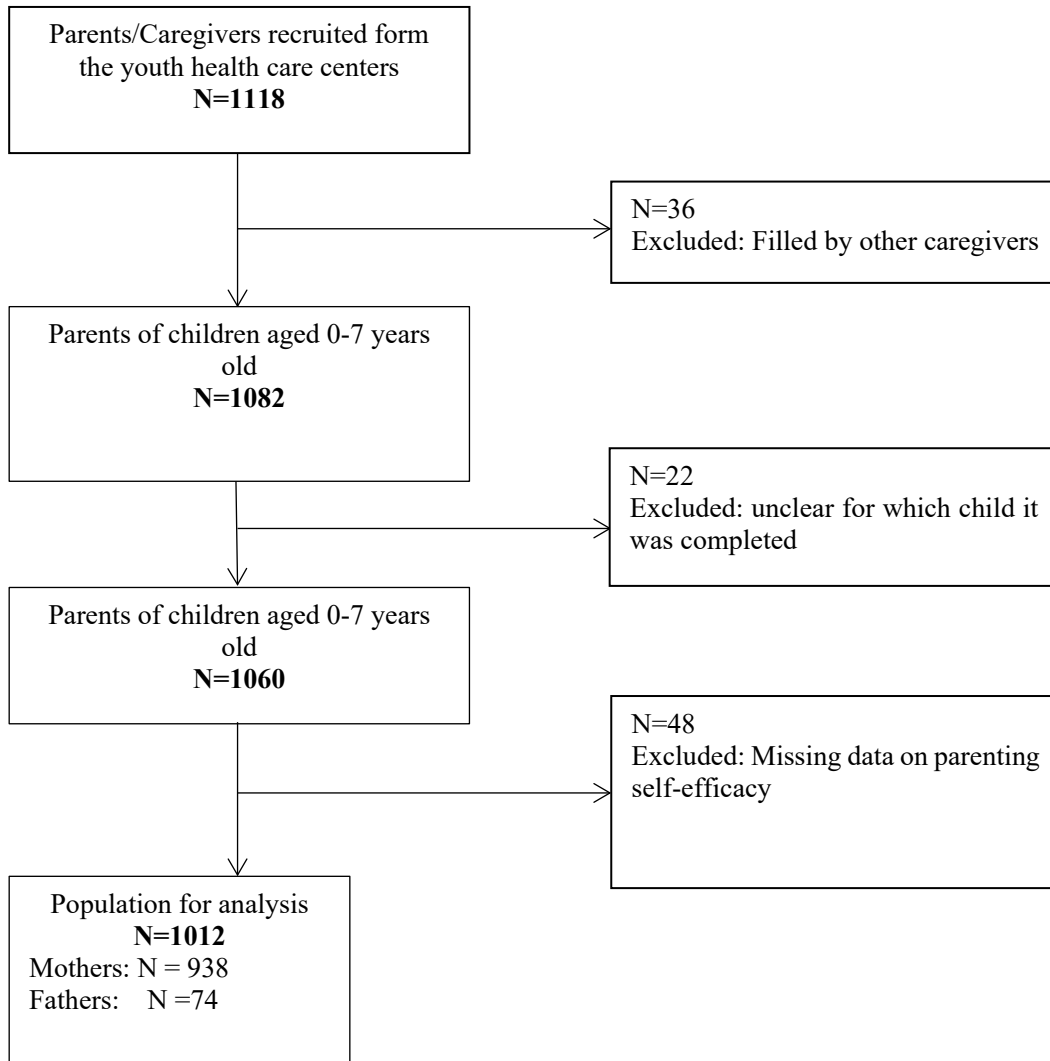


**Supplementary files**

Fang Y., et al. Parental, child and socio-contextual factors associated with parenting self-efficacy among parents of children aged 0-7 years old: the CIKEO study



**Supplementary Figure 1.** Flowchart of participants included for analysis

**Supplementary Table 1. Non response analysis**

	Excluded for analysis n=106	Included for analysis n=1012	P value
<b>Parental Factors</b>			
Age of the respondent (years), mean (SD)	34.8 (5.9)	34.1 (5.1)	0.23
Partner' age of the respondent (years), mean (SD)	35.3 (6.2)	36.2 (5.7)	0.14
General health of the respondent, mean (SD)	64.8 (21.9)	69.5 (20.0)	0.07
Ethnic background (Non-Dutch%)	21 (20.6)	164 (16.5)	0.37
Parenting Self-efficacy of the respondent, mean	32.2(4.1)	31.9(4.3)	0.54
parenting distress of the respondent, mean (SD)	5.5 (6.6)	5.5 (6.5)	0.96
Parenting stress of the respondent, mean (SD)	27.1 (10.7)	27.1 (10.0)	1
<b>Child Factors</b>			
Child age (years), mean (SD)	3.3 (2.1)	3.2 (1.9)	0.9
Sex (Girls%)	52 (50.0)	486 (48.3)	0.82
General health, mean (SD)	77.0 (17.7)	79.0 (16.5)	0.35
Child behavior health, mean (SD)	19.4 (13.8)	20.5 (16.9)	0.63
Sleeping Score, mean (SD)	4.2 (1.7)	3.8 (1.5)	0.08
Eating Score, mean (SD)	3.4 (1.5)	3.3 (1.6)	0.87
Crying Score, mean (SD)	1.5 (0.6)	1.5 (0.7)	0.77
<b>Socio-contextual Characteristics</b>			
Family composition (one-parent, %)	6 (5.8)	69 (6.8)	0.83
Family functioning, mean (SD) ‡	1.5 (0.5)	1.4 (0.4)	0.32
Perceived Social Support, mean (SD)	5.7 (1.1)	5.9 (0.9)	0.1
Educational Level			0.03
Low (%)	13 (12.6)	77 (7.6)	
Middle (%)	46 (44.7)	372 (36.8)	
High (%)	44 (42.7)	561 (55.5)	
Partners' Educational Level			0.84
Low (%)	13 (13.0)	134 (13.8)	
Middle (%)	42 (42.0)	380 (39.0)	
High (%)	45 (45.0)	460 (47.2)	
Employment Status			0.13
No paid job (%)	27 (26.2)	184 (18.2)	
Part time job (%)	64 (62.1)	709 (70.1)	
Full time job (%)	12 (11.7)	118 (11.7)	
Partner' Employment Status			0.95
No paid job (%)	4 (4.0)	42 (4.3)	
Part time job (%)	14 (13.9)	147 (14.9)	
Full time job (%)	83 (82.2)	796 (80.8)	
Net Household Income (per month)			0.64
Low (<2400)	18 (18.2)	150 (15.8)	
Middle (2400-5200)	72 (72.7)	686 (72.4)	
High (>5200)	9 (9.1)	112 (11.8)	
Number of children in household			0.37
1(%)	33 (31.1)	318 (31.4)	
2(%)	45 (42.5)	450 (44.5)	
3(%)	16 (15.1)	171 (16.9)	
≥4(%)	12 (11.3)	73 (7.2)	

Table is based on the non-imputed dataset. † P-values are calculated by Chi-square test for categorical variables and t-test/ANOVA for continuous variables. ‡ higher scores indicate more problems.

**Supplementary Table 2.** Coefficient estimates and 95% confidence interval for ridge regression in mothers and fathers

	Mothers (n=938)		Fathers (n=74)	
	beta coefficient *	Bootstrapped 95%CI #	beta coefficient	Bootstrapped 95%CI
<b>Parental Factors</b>				
Age of the respondent (older)	0.01	-0.03, 0.07	0.01	-0.13, 0.16
Partners' age (older)	0.02	-0.01, 0.07	-0.001	-0.16, 0.11
<b>Migration background</b> of the respondent (yes)	<b>0.51</b>	<b>0.04, 1.11</b>	0.52	-0.20, 2.83
General health of the respondent (better)	<b>0.01</b>	<b>0.004, 0.02</b>	0.01	-0.02, 0.04
Psychological distress of the respondent (higher) †	<b>-0.05</b>	<b>-0.09, -0.02</b>	-0.01	-0.10, 0.10
Daily parenting stress of the respondent (higher) †	<b>-0.07</b>	<b>-0.09, -0.05</b>	-0.02	-0.11, 0.03
<b>Child Factors</b>				
Child age (older)	-0.06	-0.15, 0.03	-0.10	-0.50, 0.16
Child <b>sex</b> (ref: boys)	0.18	-0.14, 0.60	0.20	-1.35, 1.51
General health (better)	0.02	0.003, 0.03	0.02	-0.02, 0.04
Child behavior problem(more) †	<b>-0.02</b>	<b>-0.03, -0.01</b>	-0.02	-0.09, 0.003
Sleeping problem(more) †	-0.14	-0.26, 0.00	-0.07	-0.37, 0.39
Eating problem (more) †	<b>-0.15</b>	<b>-0.29, -0.03</b>	-0.13	-0.60, 0.18
Crying problem(more) †	-0.41	-0.84, 0.00	-0.47	-1.48, 0.11
<b>Socio-contextual Factors</b>				
Family composition (one-parent)	0.07	-0.87, 1.04	0.06	-4.40, 3.07
Number of children (more)	-0.29	-0.53, -0.15	-0.18	-1.01, 0.74
Perceived social support (more)	<b>0.28</b>	<b>0.03, 0.52</b>	<b>0.43</b>	<b>0.18, 1.68</b>
Family functioning (worse) †	<b>-1.29</b>	<b>-2.05, -0.87</b>	0.23	-0.46, 3.29
Employment Status of the respondent (ref: not paid)				
Part time job	-0.19	-0.63, 0.32	0.06	-0.91, 2.79
Full time job	0.14	-0.71, 0.88	0.04	-1.26, 2.01
Partners' employment Status (ref: not paid)				
Part time job	0.14	-0.43, 0.88	-0.25	-2.41, 0.28
Full time job	0.02	-0.53, 0.83	0.09	-1.36, 1.97
Educational level of the respondent (ref: high)				
middle	-0.06	-0.44, 0.36	-0.18	-3.23, 0.59
low	-0.27	-1.004, 0.39	-1.19	-4.95, 1.17
Partners' educational level (ref: high)				
middle	<b>-0.57</b>	<b>-1.05, -0.25</b>	0.35	-0.52, 2.37
low	0.35	-0.13, 0.88	-0.09	-1.97, 3.19
Household income (ref: high)				
middle	-0.12	-0.54, 0.38	-0.35	-1.58, 1.44
low	0.03	-0.57, 0.65	0.37	-0.58, 2.38
Recruitment methods	-0.35	-1.06, 0.28	-0.87	-3.98, 1.96
R Square	0.280		0.340	

Notes: \* beta coefficients were calculated using penalized (ridge) regression; # 95% confidence intervals were derived from bootstrapping with 1000 iterations. Bold printed numbers indicate a statistical significance beta coefficient at 0.05 level. † Higher score indicates more problems. ref=reference.