

Supplementary Material

Table S1: Stratified analysis of disease complexity by socioeconomic status (N=1619) Estimation by Pearson's Chi Square Statistics. **SES**: socioeconomic status; **df**: degrees of freedom; percentages given as column percentages; **CSHCN**: Children with Special Health Care Needs Screener.

	Low SES	Middle SES	High SES			
	n(%)	n(%)	n(%)	Chi ²	df	p-value
Disease complexity of child				49.04	4	<0.001
healthy (CSHCN= 0)	127 (42.2)	498 (59.4)	323 (67.4)			
Chronic disease (CSHCN ≤ 2 criteria)	49 (16.3)	99 (11.8)	45 (9.4)			
Complex chronic disease (CSHCN ≥ 3 criteria)	125 (41.5)	242 (28.8)	111 (23.2)			

Table S2: Impact of socioeconomic status and psychosocial burden on child mental health problems

Hierarchical logistic regression modelling of the outcome SDQ total score ≥ 13 in children older than 2 years of age. Adjusted Odds Ratios and the corresponding 95% confidence interval (95% CI) are reported for associations of the outcome and the respective exposure variable. Adjusted Odds Ratios with p-value < 0.05 in bold. **SDQ**: Strengths and Difficulties Questionnaire; **CSHCN**: Children with Special Health Care Needs Screener; **SES-Index**: Index of socioeconomic status.

Variables	Model 1			Model 2			Model 3			Model 4		
	all children (N=1479)			CSHCN=0 (N=857)			CSHCN ≤ 2 (N=181)			CSHCN ≥ 3 (N=441)		
Block 1	OR	95% CI	p	OR	95% CI	p	OR	95% CI	p	OR	95% CI	p
<i>Disease complexity</i>												
Healthy (referent)												
Chronic condition	2.34	1.62; 3.37	<0.001									
Complex chronic condition	3.07	2.33; 4.04	<0.001									
<i>SES-Index</i>												
Low	1.65	1.14; 2.38	0.007	1.73	1.06; 2.83	0.029	0.91	0.31; 2.64	0.857	1.99	0.93; 4.01	0.056
Middle	1.27	0.97; 1.66	0.084	1.42	1.02; 2.00	0.041	0.55	0.23; 1.32	0.18	1.29	0.73; 2.28	0.37
High (referent)												
Age of child	0.96	0.93; 0.99	0.004	0.95	0.91; 0.99	0.011	0.88	0.80; 0.98	0.014	1.00	0.95; 1.07	0.886
<i>Gender of child</i>												
Male (referent)												
Female	0.82	0.65; 1.04	0.095	0.79	0.58; 1.06	0.117	0.56	0.28; 1.11	0.094	1.06	0.65; 1.73	0.815
Diverse	2.55	0.46; 14.06	0.283	5.48	0.55; 54.93	0.148				0.23	0.02; 2.06	0.27
Model fit after block 1												
Nagekerke's R^2	0.13			0.05			0.10			0.03		
Block 2	OR	95% CI	p	OR	95% CI	p	OR	95% CI	p	OR	95% CI	p
WHO-5 Score ≤ 50	1.91	1.47; 2.49	<0.001	1.69	1.20; 2.38	0.003	2.10	0.98; 4.48	0.056	2.35	1.36; 4.05	0.002
Model fit after block 2												
Nagekerke's R^2	0.19			0.10			0.14			0.11		
ΔR^2	0.05			0.05			0.04			0.08		
Block 3	OR	95% CI	p	OR	95% CI	p	OR	95% CI	p	OR	95% CI	p
Increase in family conflict	2.05	1.59; 2.62	<0.001	2.19	1.59; 3.01	<0.001	1.36	0.66; 2.83	0.40	2.41	1.43; 4.05	0.001

Financial difficulties	1.60	1.15; 2.23	0.006	1.58	1.02; 2.45	0.040	1.33	0.52; 3.41	0.548	1.61	0.82; 3.13	0.166
Inadequate educational support	1.72	1.33; 2.22	<0.001	1.64	1.17; 2.29	0.004	1.85	0.92; 3.73	0.084	1.86	1.13; 3.07	0.015
Negative effect of school closures on child's development	1.39	1.09; 1.78	0.008	1.49	1.09; 2.04	0.013	0.91	0.45; 1.85	0.792	1.61	0.98; 2.65	0.059
Inadequate social support	1.39	1.07; 1.80	0.013	1.41	1.01; 1.99	0.047	1.28	0.58; 2.83	0.549	1.64	0.99; 2.71	0.057
<i>Area of residence</i>												
City (referent)												
Surroundings of a city	1.21	0.84; 1.74	0.315	1.24	0.79; 1.95	0.36	1.94	0.59; 6.31	0.280	0.97	0.45; 2.09	0.944
Town	1.67	1.16; 2.42	0.006	1.90	1.17; 3.09	0.009	2.10	0.72; 6.19	0.177	1.30	0.64; 2.63	0.464
Small town	1.46	1.02; 2.10	0.039	1.36	0.86; 2.17	0.194	1.40	0.50; 3.97	0.524	1.78	0.82; 3.89	0.15
Rural municipality	1.32	0.96; 1.82	0.087	1.42	0.94; 2.15	0.093	1.01	0.39; 2.59	0.988	1.34	0.70; 2.55	0.38
Model fit after block 3												
Nagelkerke's R ²	0.28			0.22			0.19			0.23		
ΔR^2	0.09			0.12			0.06			0.12		
% correct prediction of SDQ Score ≥ 13	75.0			57.9			83.2			91.6		