

Supplementary table 1. Administrative codes used in the study.

	Variable	Registry	ICD-8, before 1995	ICD-10, after 1995	ATC	Other
Exp	Atopic dermatitis	DNPR	ICD-8 code 691	ICD-10 code L20		
Outcomes	Depression	DNPR	ICD-8 code 296.09, 296.29, 298.09, 300.19, 300.49	ICD-10 code F32-33		
	Anxiety	DNPR	ICD-8 code 300.09, 300.29	ICD-10 code F40-41		
	Reaction to severe stress, and adjustment disorders			ICD-10 code F43		
	Substance abuse	DNPR	ICD-8 code 291, 303, 304, 571.09, 571.10, 456.09	ICD-10 code F10-16, F18-19, K70, I85		
	Self-harming behavior	DNPR		ICD-10 code X6-7, X80-4		
	Suicide	NCDR				Manner of death = 2 (suicide)
	Antidepressants	DNPrR			ATC code N06A	
	Antidepressants for depression	DNPrR			ATC code N06A (with following INDO: 0000168 (for depression))	
	Antidepressants for anxiety	DNPrR			ATC code N06A (with following INDOs: 0000163 (for anxiety), 0000371 (for anxiety, addictive))	
	Anxiolytics	DNPrR			ATC code N05B	
	Anxiolytics for anxiety/calming	DNPrR			ATC code N05B (with following INDOs: 0000160 (for unrest), 0000161 (calming), 0000163 (for anxiety), 0000370 (calming, addictive), 0000371 (for anxiety, addictive))	
	Consultation with psychiatrist	NHSR				Specialty 24XXXX (psychiatry), 26XXXX (child psychiatry)
	Consultation with psychologist	NHSR				Specialty 63XXXX (psychology)
	Migraine	DNPR	ICD-8 code 346	ICD-10 code DG43		
	Other headache syndromes	DNPR	ICD-8 code 791	ICD-10 code DG44		
	Fibromyalgia	DNPR		ICD-10 code DM797		
	Migraine medication	DNPrR			ATC code N02C	
	Pain medication	DNPrR			ATC code N02A+B	
	Opioids only	DNPrR			ATC code N02A	
	Sleep medication	DNPrR			ATC code N05C	
Divorce	CRS				Civil status = F (divorced) first time in study period, only calculated for those having Civil status = G (married) at index. Marriage duration calculated as time from marriage to index.	

Asthma	DNPR	ICD-8 code 493	ICD-10 code J45-6		
	DNPrR			at least two dispensations of ATC code R03 after 6 years of age (only for index child)	
Hay fever	DNPR	ICD-8 code 507	ICD-10 code J30		
	DNPrR			at least two dispensations of ATC code R01AC/R01AD after 6 years of age (only for index child)	
Food allergy	DNPR	ICD-8 code 692.5	ICD-10 code K522, T780-1, L272		
Autism spectrum disorder	DNPR		ICD-10 code F84		
Attention deficit hyperactivity disorder	DNPR		ICD-10 code F90		
Socio-economic status	CSR+ISR				Was calculated based on the parents' id-number and on index date.

DNPR = Danish National Patient Registry, DNPrR = Danish National Prescription Registry, NCDR = National Causes of Death Registry, NHSR = Danish National Health Service Register, TCS = topical corticosteroid, SKS = treatment procedure codes, CSR = Civil Registration System, ISR = Income Statistics Register, ATC = Anatomical Therapeutic Chemical classification, ICD-8 = International Classification of Diseases 8th revision, ICD-10 = International Classification of Diseases 10th revision, INDO = indication for giving the drug, specified by the prescriber, SPEC = specialty code. For all ICD-10 codes diagnosis type A (primary) and B (secondary) are included if nothing else is stated.