

Online appendix for complementary analyses

Table	Content	Page
eTable 1	Analyses restricted to parents with at least two hospital admissions (one or more admissions in the main analysis in the manuscript).....	2
eTable 2	Analyses restricted to parents with their first admissions for schizophrenia or major depression before the birth of the child.....	3

eTable 1 Complementary analysis restricting to parents with *at least two hospital admissions*.
Relative risk (incidence rate ratio, IRR) of eye, ear and neurological disorder in offspring comparing the offspring of parents with schizophrenia or major depression with the offspring of parents with neither diagnosis

Disease in Offspring	Parental Schizophrenia (3,203 parents; 4,599 children)		Parental Major Depression (6,820 parents; 11,397 children)		Controls
	Cases (Rate, per 10,000 person years)	IRR (95% CI)	Cases (Rate, per 10,000 person years)	IRR (95% CI)	Cases (Rate, per 10,000 person years)
Neurological disease	80 (18.7)	1.39 (1.11-1.74)	214 (20.1)	1.48 (1.28-1.70)	2,190 (13.9)
Cerebral Palsy	16 (3.7)	1.92 (1.16-3.18)	32 (3.0)	1.52 (1.05-2.19)	313 (2.0)
Epilepsy	37 (8.6)	2.19 (1.57-3.06)	65 (6.0)	1.53 (1.18-1.98)	645 (4.1)
Eye disease	40 (9.2)	1.07 (0.78-1.48)	117 (10.9)	1.27 (1.05-1.54)	1,256 (7.9)
Category one	11 (2.5)	1.93 (1.05-3.54)	18 (1.7)	1.26 (0.78-2.04)	218 (1.4)
Category two	30 (7.0)	0.91 (0.63-1.33)	101 (9.4)	1.25 (1.02-1.54)	1,077 (6.8)
Strabismus	26 (6.0)	0.88 (0.59-1.32)	89 (8.3)	1.23 (0.99-1.54)	952 (6.0)
Ear disease	211 (50.5)	1.21 (1.05-1.39)	664 (64.3)	1.55 (1.42-1.68)	6,268 (40.5)

Bold = the p-value < 0.05 (for the statistical test of hypothesis, Ho: RR=1 vs. the alternative hypothesis, Ha: RR≠1); IRR = Incidence Rate Ratio; CI=Confidence Interval; Category one = diseases of the sclera, cornea, iris, ciliary body, lens, choroid, retina, vitreous body and globe as well as glaucoma; Category two = diseases of the optic nerve and visual pathway, ocular muscles, binocular movement, accommodation and refraction as well as visual disturbances and blindness

eTable 2 Complementary analysis restricting to parents with *the first admission before the birth of the child*. Relative risk (incidence rate ratio, IRR) of eye, ear and neurological disorder in offspring comparing the offspring of parents with schizophrenia or major depression with the offspring of parents with neither diagnosis

Disease in Offspring	Parental Schizophrenia 1,417 parents; 2,026 children)		Parental Major Depression (5,173 parents; 7,951 children)		Controls
	Cases (Rate, per 10,000 person years)	IRR (95% CI)	Cases (Rate, per 10,000 person years)	IRR (95% CI)	Cases (Rate, per 10,000 person years)
Neurological disease	44 (24.8)	1.74 (1.29-2.34)	155 (22.0)	1.54 (1.31-1.82)	2,190 (13.9)
Cerebral Palsy	10 (5.6)	2.82 (1.49-5.31)	21 (3.0)	1.49 (0.96-2.32)	313 (2.0)
Epilepsy	19 (10.6)	2.50 (1.59-3.95)	57 (8.0)	1.93 (1.47-2.54)	645 (4.1)
Eye disease	19 (10.6)	1.53 (0.95-2.46)	70 (9.9)	1.34 (1.05-1.72)	1,256 (7.9)
Category one	6 (3.3)	2.34 (1.04-5.28)	12 (1.7)	1.19 (0.66-2.13)	218 (1.4)
Category two	13 (7.2)	1.26 (0.70-2.27)	60 (8.5)	1.37 (1.05-1.79)	1,077 (6.8)
Strabismus	9 (5.0)	1.01 (0.49-2.08)	51 (7.2)	1.34 (1.01-1.79)	952 (6.0)
Ear disease	84 (48.1)	1.24 (1.00-1.54)	453 (66.6)	1.68 (1.52-1.85)	6,268 (40.5)

Bold = the p-value < 0.05 (for the statistical test of hypothesis, Ho: RR=1 vs. the alternative hypothesis, Ha: RR≠1); IRR = Incidence Rate Ratio; CI=Confidence Interval; Category one = diseases of the sclera, cornea, iris, ciliary body, lens, choroid, retina, vitreous body and globe as well as glaucoma; Category two = diseases of the optic nerve and visual pathway, ocular muscles, binocular movement, accommodation and refraction as well as visual disturbances and blindness