

On-line appendix (not for publication)

Table B1: Impact of Intrauterine Exposure to Severe Typhoon on Psychiatric-Related Health Care Utilization

	Total Inpatient Psychiatric-Related Expenditure (mean=68.9 USD) (mean=1.66)			
	Inverse hyperbolic sine transformation (1)	Log (y+1) transformation (2)	Poisson FE (3)	Negative Binomial FE (4)
(exposed to severe typhoon)*(landfall county), $\beta_1$	0.029 (0.024)	0.027 (0.022)	0.362 (0.508)	-0.030 (0.845)
(exposed to severe typhoon)*(non-landfall county), $\beta_2$	-0.007 (0.004)	-0.006 (0.004)	0.229 (0.165)	0.387 (0.330)

Notes: Sample is as described in Table 1. Models also control for an indicator for male, year of birth FE and month of birth FE, county FE, and county-specific cohort trend. Exposure to severe typhoons is a dummy variable, which equals 1 if one was in utero during a severe typhoon. Severe typhoon is defined as a typhoon that caused 50 deaths. Landfall county equals to 1 if one resides in the landfall county for the given typhoon. Non-landfall county is a dummy variable indicating whether individual resides in the non-landfall county for a given typhoon. Omitted group is individuals who were not exposed to severe typhoons while in utero. Standard errors are clustered at the county level. Share of population that has ever been hospitalized for psychiatric related reason is 0.7%. Numbers of bed-day in psychiatry seems high since many of these patients are staying long-term in psychiatry. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

Table B2: Impact of Intrauterine Exposure to Severe Typhoon: Alternative definition of exposure

VARIABLES	Dependent Variable:	
	Ever been diagnosed with any mental disorders	
	(1) 8 months	(2) 10 months
(Born within 8 months after the severe typhoon) *(landfall county), $\beta_1$	0.064*** (0.017)	
(Born within 8 months after the severe typhoon) *(non-landfall county), $\beta_2$	0.001 (0.005)	
(Born within 10 months after the severe typhoon) *(landfall county), $\beta_1$		0.065*** (0.012)
(Born within 10 months after the severe typhoon) *(non-landfall county), $\beta_2$		0.004 (0.006)
Observations	34,738	34,738

Sample is as described in Table 1, restrict to female only. Models also control for year of birth FE and month of birth FE, county FE, and county-specific cohort trend. Exposure to severe typhoons is a dummy variable, which equals 1 if one was in utero during a severe typhoon. Severe typhoon is defined as a typhoon that caused 50 deaths. Landfall county equals to 1 if one resides in the landfall county for the given typhoon. Non-landfall county is a dummy variable indicating whether individual resides in the non-landfall county for a given typhoon. Omitted group is individuals who were not exposed to severe typhoons while in utero. Standard errors are clustered at the county level. Share of population that has ever been hospitalized for psychiatric related reason is 0.7%. Numbers of bed-day in psychiatry seems high since many of these patients are staying long-term in psychiatry. \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$ .