

Table 1: Variable Summary

Variable Name	Variable Description	N	Mean	Std. Dev.	Min	Max	Unique Values	
<b>Outcome Variables: Childhood vaccination</b>								
VAC	Full vaccination (excl. polio & hepatitis B) [1 = yes]	69,376	0.27	0.44	0	1	2	
VAC_norep	Full vaccination (excl. polio & hepatitis B, health card only) [1	18,792	0.44	0.5	0	1	2	
<b>Outcome Variables: Pregnancy health service utilisation</b>								
MOT_ANC	Number of antenatal visits during pregnancy	55,790	4.57	5.07	0	29	30	
MOT_TET	Number of tetanus toxoid injections before birth	57,962	1.31	1.32	0	9	10	
MOT_DEL_home	Place of delivery: home [1 = yes]	87,532	0.65	0.48	0	1	2	
MOT_DEL_priv	Place of delivery: private healthcare provider [1 = yes]	87,532	0.12	0.32	0	1	2	
MOT_DEL_pub	Place of delivery: public healthcare provider [1 = yes]	87,532	0.24	0.42	0	1	2	
<b>Outcome Variables: Child survival</b>								
CHI_ALIVE	Child is alive [1 = alive]	88,881	0.9	0.3	0	1	2	
<b>Key Independent Variables: SIA Exposure</b>								
EXP_CHI	SIA exposure since birth (exact date)	58,453	11.11	9.71	0	42	43	
EXP_CHI_nod	SIA exposure since birth (approx. date)	88,881	11.34	9.85	0	42	43	
EXP_CHI_RI	SIA exposure since birth (exact date, RI period)	58,453	3.89	2.33	0	11	13	
EXP_CHI_RI_nod	SIA exposure since birth (approx. date, RI period)	88,881	3.73	2.44	0	10	13	
EXP_CHI_FU	SIA exposure since birth (exact date, follow-up period)	58,453	7.5	8.42	0	37	38	
EXP_CHI_FU_nod	SIA exposure since birth (approx. date, follow-up period)	88,881	7.77	8.53	0	37	38	
EXP_PREG	SIA exposure during pregnancy (exact date)	58,453	3.67	2.01	0	9	12	
EXP_PREG_nod	SIA exposure during pregnancy (approximate date)	88,881	3.83	2.12	0	9	12	
EXP_TOT_nod	Total SIA exposure pre- & post-birth (approximate date)	88,881	15.2	10.76	0	48	49	
<b>Other Control Variables</b>								
CHI_AGE	Age of child (months)	88,881	28.29	17.35	0	60	61	
CHI_ORD	Birth order of child	88,881	4.01	2.6	1	18	18	
CHI_SEX	Sex of child [1 = female]	88,881	0.49	0.5	0	1	2	
MOT_AWE	Child has health card [1 = yes]	68,957	0.52	0.5	0	1	2	
MOT_AGE	Age of mother at birth (years)	88,881	27.1	6.9	12	49	38	
MOT_EDM	Mother's highest year of education	88,842	2.43	2.64	0	10	10	
MOT_EDF	Husband/partner's highest year of education	84,741	3.01	2.7	0	9	10	
HH_REL	Mother's religion	88,565	Catholic	0.08	0.28	0	1	5
	(categorical variable) Other Christian		0.3	0.46	0	1		
	Islam		0.6	0.49	0	1		
	Traditionalist		0.01	0.1	0	1		
	Other		0	0.05	0	1		
HH_ETH	Mother's ethnicity	88,646	Eko	0.01	0.08	0	1	11
	(categorical variable) Fulani		0.09	0.29	0	1		
	Hausa		0.32	0.47	0	1		
	Ibibio		0.01	0.12	0	1		
	Igala		0.01	0.1	0	1		
	Igbo		0.11	0.31	0	1		
	Ijaw / Izon		0.03	0.17	0	1		
	Kanuri / Beriberi		0.02	0.15	0	1		
Tiv	0.02	0.14	0	1				
Yoruba	0.1	0.3	0	1				
Other	0.27	0.44	0	1				
HH_SIZ	Number of household members	88,881	7.13	3.68	1	43	37	
HH_WEA	Household asset wealth (out of 12 assets)	88,881	3.62	2.5	0	12	13	
INF_RUR	Rural/urban residence [1 = rural]	88,881	0.69	0.46	0	1	2	
YEAR	Survey year	88,881	2003	0.02	0.15	0	1	4
	(categorical variable) 2008		0.29	0.45	0	1		
	2013		0.35	0.48	0	1		
	2018		0.34	0.47	0	1		
SIA intensity	LGA above [2] or below [1] median total no. of SIAs 2000-2017	88,881	1.66	0.47	1	2	2	