

### Appendix 3 Variable list

<b>Pre-pregnant variable list</b>		
No	Variables	Data type
	<b>General information</b>	
1	Wife id	Text
2	Husband nation	Text
3	Husband age	N
4	Husband education	Text
5	Husband id	Text
6	Husband occupation	Text
7	Wife nation	Text
8	Wife age	N
9	Wife education	Text
10	Wife occupation	Text
11	Tel No	Text
12	Mobile phone No	Text
	<b>Medical history</b>	
13	Female anemia	Category
14	Female EH	Category
15	Female heart disease	Category
16	Female DM	Category
17	Female epilepsy	Category
18	Female thyroid disease	Category
19	Female CGN	Category
20	Female mental disease	Category
21	Female tumour	Category
22	Female TB	Category
23	Female HBV	Category
24	Female VD	Category
25	Male anemia	Category
26	Male EH	Category
27	Male heart disease	Category
28	Male DM	Category
29	Male epilepsy	Category
30	Male thyroid disease	Category
31	Male CGN	Category
32	Male mental disease	Category
33	Male tumour	Category
34	Male TB	Category
35	Male HBV	Category
36	Male VD	Category

	<b>Vaccine</b>	
37	Female rubella vaccine	Category
38	Female hepB vaccine	Category
39	Male hepB vaccine	Category
	<b>Drug use</b>	
40	Female current medicine	Category
41	Female medicine name	Category
42	Male current medicine	Category
43	Male medicine name	Category
	<b>Childbearing history</b>	
44	Birth history	Category
45	Pregnancy times	Category
46	Live birth	Category
47	Dead fetus	Category
48	Dead birth	Category
49	Term delivery	Category
50	Premature delivery	Category
51	Natural abortion	Category
52	Abactio	Category
53	Children number	Category
54	Birth defect	Category
55	Defect type	Category
56	Menarche age	Category
57	Period menstruation	Category
58	Menstrual cycle	Category
59	Menstrual quantity	Category
60	LMP	Date
	<b>Family history of disease</b>	
61	Female family history thalassemia	Category
62	Female family history albinism	Category
63	Female family history favism	Category
64	Female family history hemophilia	Category
65	Female family history CHD	Category
66	Female family history DS	Category
67	Female family history openNTDs	Category
68	Female family history DM	Category
69	Female family history dysnoesia	Category
70	Female family history daysaudia	Category
71	Female family history viaual disorder	Category
72	Female family history neuropsychiatric	Category
73	Female family history other birth defects	Category
74	Female family history fetal death	Category
75	Female family history intermarry	Category

76	Female family history relations	Category
77	Male family history thalassemia	Category
78	Male family history albinism	Category
79	Male family history favism	Category
80	Male family history hemophilia	Category
81	Male family history CHD	Category
82	Male family history DS	Category
83	Male family history openNTDs	Category
84	Male family history DM	Category
85	Male family history dysnoesia	Category
86	Male family history dysaudia	Category
87	Male family history visual disorder	Category
88	Male family history neuropsychiatric	Category
89	Male family history other birth defects	Category
90	Male family history fetal death	Category
91	Male family history intermarry	Category
92	Male family history relations	Category
	<b>Anthroposomatology</b>	
93	Female height	Numeric
94	Female weight	Numeric
95	Female BMI	Numeric
96	Female heart rate	Numeric
97	Female SBP	Numeric
98	Female SDP	Numeric
99	Male height	Numeric
100	Male weight	Numeric
101	Male BMI	Numeric
102	Male heart rate	Numeric
103	Male SBP	Numeric
104	Male SDP	Numeric
	<b>Lab data</b>	
105	Leucorrhea check	Numeric
106	Clue cell	Numeric
107	Monilia infection	Numeric
108	Trichomonas	Numeric
109	Cleanness	Numeric
110	Whiff test	Numeric
111	PH	Numeric
112	Wom blood analysis	Numeric
113	Female hb	Numeric
114	Female wbc	Numeric
115	Female rbc	Numeric
116	Wom urine test	Numeric

117	Female ABO	Numeric
118	Female Rh	Numeric
119	Female GLU	Numeric
120	Female GLU levels	Numeric
121	Female NG	Numeric
122	Female chlamydia	Numeric
123	Female syphilis	Numeric
124	Female HIV	Numeric
125	Female ALT	Numeric
126	Female ALT levels	Numeric
127	Female HBs-Ag	Numeric
128	Female HBs-Ab	Numeric
129	Female HBe-Ag	Numeric
130	Female HBe-Ab	Numeric
131	Female HBc-Ab	Numeric
132	Female HCV-Ab	Numeric
133	Female CMV IgM	Numeric
134	Female CMV IgG	Numeric
135	Female RV IgM	Numeric
136	Female RV IgG	Numeric
137	Female TOX IgM	Numeric
138	Female TOX IgG	Numeric
139	Male blood analysis	Numeric
140	Male hb	Numeric
141	Male wbc	Numeric
142	Male rbc	Numeric
<b>During-pregnancy variable list</b>		
	<b>Basic information</b>	
1	Hospital card number	Text
2	Inpatient number	Text
3	Name	Text
4	Age	Numeric
5	Pregnant times	Numeric
6	Delivery times	Numeric
7	Last menstrual period	Date
8	Gestational week at the first visit	Numeric
9	The first visit date	Date
10	Height	Numeric
11	Weight	Numeric
12	Systolic blood pressure at the first visit	Numeric
13	Diastolic blood pressure at the first visit	Numeric

14	Occupation	Text
15	Education	Text
	<b>Antenatal care record</b>	
16	Weight at each antenatal care	Numeric
17	Systolic blood pressure at each antenatal care	Numeric
18	Diastolic blood pressure at each antenatal care	Numeric
19	Gestational week at each antenatal care	Numeric
20	Antenatal care date	Date
	<b>Lab data</b>	
21	Cytomegalovirus	Numeric
22	Cytomegalovirus examination date	Date
23	Rubella virus	Numeric
24	Rubella virus examination date	Date
25	Toxoplasmosis	Numeric
26	Toxoplasmosis examination date	Date
27	Syphilis screening	Numeric
28	Syphilis screening examination date	Date
29	Fasting blood-glucose	Numeric
30	Fasting blood-glucose examination date	Date
31	HCT(hematokrit)	Numeric
32	HCT(hematokrit) examination date	Date
33	Serum folate	Numeric
34	Serum folate examination date	Date
35	HCY(homocysteine)	Numeric
36	HCY(homocysteine) examination date	Date
37	OGTT 0 hours	Numeric
38	OGTT 1 hours	Numeric
39	OGTT 2 hours	Numeric
40	OGTT examination date	Date
41	Triglyceride	Numeric
42	Triglyceride examination date	Date
43	Total cholesterol	Numeric
44	Total cholesterol examination date	Date
45	Hemoglobin	Numeric
46	Hemoglobin examination date	Date
	<b>Delivery date</b>	
47	Gestational week at delivery	Numeric
48	Delivery mode	Text
49	Birth weight	Numeric
50	Birth weight(second baby)	Numeric
51	Systolic blood pressure at delivery	Numeric
52	Diastolic blood pressure at delivery	Numeric
53	Apgar scoring	Numeric

54	Delivery date	Date
55	Birth defect records	Text
56	Weight blood pressure at delivery	Numeric
<b>Offspring variable list</b>		
	<b>0 - 6 years (6 weeks, 6 months, 12 months, 36 months, 60 months)</b>	
1	Name	Text
2	ID number	Text
3	Weight	Numeric
4	Height/ Length	Numeric
5	Vision detection	Numeric
6	DDST: Denver developmental screening test	Numeric
	<b>6 - 18 years (each year)</b>	
7	Weight	Numeric
8	Height	Numeric
9	Diastolic blood pressure	Numeric
10	Systolic blood pressure	Numeric
11	Vision detection	Numeric
12	Vital capacity	Numeric
13	Physical fitness measurement (running, jumping, solid balls, etc)	Text
The clinical diagnosis during 0 – 18 years will be extracted from the routine medical system each year.		