

**Table II.** Statistical results of multivariate logistic regression analysis

Factors	OR (95% CI)	Z value	p-value
Paternal age	1		
25–30 years	1.5684 (0.4643, 5.2984)	0.72	0.469
< 25 years	2.9719 (0.7609, 11.6065)	1.57	0.117
≥ 30 years			
Maternal age	1		
25–30 years	1.3172 (0.4249, 4.0829)	0.48	0.633
< 20 years	2.2629 (0.5182, 9.8823)	1.09	0.278
> 30 years			
Paternal educational level	1		
College or above	1.3327 (0.3243, 5.47689)	0.40	0.690
High school or technical school degree	0.3349 (0.0538, 2.0845)	-1.17	0.241
Junior high school degree	1.0001 (0.0692, 14.4603)	0.00	1.000
Primary education			
Maternal educational level	1		
College or above	0.6792 (0.1330, 3.4671)	-0.46	0.642
High school or technical school degree	2.5414 (0.3812, 16.9422)	0.96	0.335
Junior high school degree	5.8950 (0.5165, 67.2717)	1.43	0.153
Primary education			
Annual mean per capita income, yuan	1		
≤ 10,000	0.3705 (0.0852, 1.6103)	-1.32	0.185
> 10,000			
Moving into a newly painted room during pregnancy	1		
No	7.7207 (1.0474, 46.5746)	2.09	0.036
Yes			
Family history of genetic diseases	1		
No	4.0859 (0.8600, 19.4108)	1.77	0.077
Yes			
Maternal concomitant diseases during pregnancy	1		
No	3.2035 (1.3985, 7.9008)	2.05	0.040
Yes			
Maternal medication history	1		
No	1.8348 (0.4057, 8.2981)	0.79	0.431
Yes			
Maternal nutritional status	1		
No	0.5013 (0.1346, 1.8663)	-1.03	0.303
Yes			
Maternal passive smoking	1		
No	1.1660 (0.8037, 1.6917)	0.81	0.418
Yes			
Pre-pregnancy irregularity of menstrual cycles	1		
No	5.3583 (0.7316, 39.2433)	1.65	0.098
Yes			
Gravidity	1		
≤ 2	9.6515 (1.8490, 87.7798)	2.29	0.022
≥ 3			
Parity	1		
≤ 2	1.9956 (0.4136, 96.2690)	0.35	0.727
≥ 3			
Abortion times	1		
0	1.1409 (0.2544, 5.1158)	0.17	0.863
≥ 1			
History of abnormal pregnancy	1		
No	2.1842 (0.5998, 7.9538)	1.18	0.236
Yes			
Threatened abortion	1		
No	4.3484 (0.0143, 13.1372)	0.50	0.614
Yes			
Foetal times	1		
1	0.3166 (0.0037, 26.8004)	-0.51	0.612
≥ 2			
Gestation	1		
37–42 weeks	2.8762 (0.5183, 15.9589)	1.64	0.101
< 37 weeks	1.3850 (0.2999, 6.3956)	0.42	0.676
> 42 weeks			
Mode of delivery	1		
Natural labour	0.7260 (0.2784, 1.8933)	-0.65	0.513
Caesarean			
Abnormalities in labour progression	1		
No	1.5395 (0.4928, 4.8093)	0.74	0.458
Yes			
Asphyxia at birth	1		
No	24.5609 (2.9622, 271.9216)	2.74	0.006
Yes			
Birthweight	1		
2,500–4,000 g	0.6939 (0.1021, 4.7145)	-0.37	0.709
≥ 4,000 g	15.6347 (2.3554, 83.9732)	2.97	0.003
< 2,500 g			
Neonatal diseases	1		
No	11.6071 (2.3831, 64.0258)	2.94	0.006
HIE	0.9266 (0.0748, 11.5203)	0.01	0.998
Infection	0.8747 (0.1391, 5.4991)	-0.14	0.887
Jaundice	2.6728 (0.0112, 635.9535)	0.35	0.725
Cranioerebral trauma	11.6202 (0.9314, 144.98)	1.90	0.057
Convulsion			

HIE: hypoxic-ischaemic encephalopathy; OR: odds ratio; 95% CI: 95% confidence interval.