

Supplementary Table 1 Subgroup analysis with multivariable logistic regression model for factors associated with LBW among HIV-exposed infants in Hubei, China (2004-2021)

Year periods Associated factors	2004-2011(226)				2012-2021(355)			
	cOR (95%CI)	P value	aOR (95%CI)	P value	cOR (95%CI)	P value	aOR(95%CI)	P value
Maternal age	1.07(0.95-1.21)	.25	— ^a	—	1.02(0.95-1.09)	.60	—	—
Ethnicity								
Han	reference	N/A ^b	—	—	reference	N/A	—	—
Other	0.00(0.00-0.00)	.99	—	—	0.00(0.00-0.00)	.99	—	—
Marital status								
Unmarried	reference	N/A	—	—	reference	N/A	—	—
Married	0.00(0.00-0.00)	.99	—	—	1.05(0.23-4.74)	.95	—	—
HIV status of sexual partner								
Negative	reference	N/A	—	—	reference	N/A	—	—
Positive	0.33(0.04-2.69)	.30	—	—	1.38(0.68-2.81)	.37	—	—
Transmission route of HIV								
Sex	reference	N/A	—	—	reference	N/A	—	—
Blood	2.29(0.46-11.48)	.31	—	—	2.89(0.75-11.20)	.12	—	—
Drug	0.00(0.00-0.00)	.99	—	—	8.67(0.53-141.95)	.13	—	—
MTCT	—	—	—	—	0.00(0.00-0.00)	.99	—	—
HBV infection								

No	reference	N/A	—	—	reference	N/A	—	—
Yes	5.15(0.97-27.48)	.06	—	—	1.17(0.26-5.33)	.84	—	—
HCV infection								
No	reference	N/A	—	—	reference	N/A	—	—
Yes	5.15(0.97-27.48)	.06	—	—	8.69(1.69-44.69)	.01	—	—
Syphilis infection								
No	reference	N/A	—	—	reference	N/A	—	—
Yes	0.00(0.00-0.00)	.99	—	—	0.61(0.08-4.82)	.64	—	—
Whether ART for pregnant women								
No	reference	N/A	—	—	reference	N/A	reference	N/A
Yes	0.18(0.02-1.40)	.10	—	—	5.76(1.36-24.45)	.02	6.31(1.25-31.95)	.03
The time of exposure to ART								
No ART	reference	N/A	—	—	reference	N/A	—	—
First trimester	1.33(0.15-11.51)	.80	—	—	6.01(1.37-26.35)	.02	—	—
Second trimester	0.00(0.00-0.00)	.99	—	—	7.39(1.62-33.69)	.01	—	—
Third trimester	0.00(0.00-0.00)	.99	—	—	1.92(0.26-14.17)	.52	—	—
ART regimens during pregnancy								
No ART	reference	N/A	—	—	reference	N/A	—	—
AZT monotherapy	0.00(0.00-0.00)	.99	—	—	0.00(0.00-0.00)	.99	—	—
PI-based ART	0.00(0.00-0.00)	.99	—	—	5.88(1.31-26.36)	.02	—	—
NNRTI-based ART	0.28(0.04-2.28)	.24	—	—	5.70(1.30-25.00)	.02	—	—
Intrapartum CD4count (/mm ³)	0.99(0.98-1.00)	.12	—	—	1.00(0.99-1.00)	.26	—	—

Sex of infant								
Female	reference	N/A	—	—	reference	N/A	—	—
Male	2.86(0.72-11.37)	.13	—	—	1.73(0.88-3.41)	.11	—	—
HIV status of infant								
Negative	reference	N/A	reference	N/A	reference	N/A	—	—
Positive	6.91(1.79-26.66)	.005	8.20(1.79-37.69)	.007	0.67(0.8-5.27)	.70	—	—
premature delivery								
No	reference	N/A	reference	N/A	reference	N/A	reference	N/A
Yes	45.86(6.58-319.47)	<.001	55.25(6.82-447.58)	<.001	48.75(15.00-158.41)	<.001	51.13(14.75-177.31)	<.001

^a: Not available.

^b: N/A: not applicable.