

SUPPLEMENTARY TABLE S2. MULTIVARIABLE-ADJUSTED HAZARD RATIOS (95% CONFIDENCE INTERVALS) FOR PRETERM DELIVERY IN FIRST BIRTH CLASSIFIED BY LIVE AND STILLBIRTH AND CARDIOVASCULAR DISEASE RISK FACTORS

	Cases/person-years	Term: ≥37 weeks (n = 53,200)	Moderate preterm ≥32 to <37 weeks (n = 3,385)	Very preterm live birth <32 weeks (n = 546)	Very preterm stillbirth <32 weeks (n = 611)	p-Trend <sup>a</sup>
<b>Chronic hypertension</b>						
Overall <sup>b</sup>	18,004/1,569,964	1.00 (ref)	1.06 (1.00–1.13)	1.33 (1.16–1.53)	1.25 (1.09–1.42)	<0.0001
1–10 years	1,269/571,948	1.00 (ref)	1.22 (0.98–1.51)	2.21 (1.50–3.27)	1.97 (1.32–2.94)	<0.0001
11–20 years	5,455/519,593	1.00 (ref)	0.96 (0.86–1.08)	1.58 (1.25–1.99)	1.37 (1.09–1.73)	0.001
21–30 years	7,779/350,306	1.00 (ref)	1.05 (0.95–1.15)	1.05 (0.82–1.33)	1.28 (1.04–1.57)	0.01
31–40 years	3,233/117,627	1.00 (ref)	1.16 (1.01–1.34)	1.16 (0.82–1.62)	0.73 (0.49–1.07)	0.89
<b>Type 2 diabetes mellitus</b>						
Overall <sup>b</sup>	2,814/1,827,461	1.00 (ref)	1.06 (0.91–1.24)	1.38 (0.99–1.91)	1.58 (1.20–2.09)	0.0002
1–10 years <sup>c</sup>	41/559,277	1.00 (ref)	3.37 (1.45–7.83)	3.88 (0.84–17.87)	—	0.17
11–20 years	526/565,930	1.00 (ref)	1.20 (0.86–1.68)	2.21 (1.21–4.04)	1.37 (0.64–2.90)	0.03
21–30 years	1,295/461,258	1.00 (ref)	0.99 (0.78–1.26)	1.18 (0.69–1.99)	1.61 (1.08–2.42)	0.04
31–40 years	885/200,962	1.00 (ref)	0.99 (0.74–1.32)	1.03 (0.55–1.92)	1.85 (1.18–2.90)	0.03
<b>Hypercholesterolemia</b>						
Overall <sup>b</sup>	31,090/1,450,172	1.00 (ref)	1.06 (1.01–1.11)	1.06 (0.94–1.18)	1.11 (1.00–1.24)	0.004
1–10 years	4,545/561,485	1.00 (ref)	1.10 (0.98–1.23)	1.31 (1.01–1.72)	1.17 (0.88–1.56)	0.02
11–20 years	10,340/482,278	1.00 (ref)	1.06 (0.98–1.15)	1.00 (0.82–1.22)	1.21 (1.01–1.45)	0.03
21–30 years	11,338/304,799	1.00 (ref)	1.02 (0.94–1.10)	1.02 (0.84–1.25)	1.01 (0.84–1.21)	0.73
31–40 years	4,614/93,958	1.00 (ref)	1.07 (0.95–1.21)	0.95 (0.70–1.29)	1.07 (0.83–1.38)	0.50

Models are adjusted for age at first birth, age in 1989, race/ethnicity, parental education, family history of hypertension (for the chronic hypertension model), family history of type 2 diabetes mellitus (for the type 2 diabetes mellitus model), prepregnancy BMI, prepregnancy smoking, prepregnancy Alternative Healthy Eating Index (AHEI) score (in quintiles), prepregnancy alcohol intake, prepregnancy (age 18) physical activity, and prepregnancy oral contraceptive use.

<sup>a</sup>Exposure included in model as a continuous variable with 40 weeks representing term delivery, 36 weeks representing moderate preterm delivery, and 30 weeks representing very preterm delivery.

<sup>b</sup>Includes all 49 years of follow-up for chronic hypertension and hypercholesterolemia and 50 years for type 2 diabetes mellitus.

<sup>c</sup>Asian race and other race were combined as there were 0 diabetes cases in Asian women; women who were underweight ( $n = 1,256$ ) or missing BMI ( $n = 498$ ) were excluded because there were 0 cases in these BMI groups; there were 0 cases in the very preterm stillbirth group, thus the hazard ratio was inestimable.