

## Supplemental Information

**SUPPLEMENTARY TABLE 4** aHRs for Association Between Gestational Age at Birth and PE in Different Intervals of Attained Age (1973–2010)

	PE Events	Person-Years	Rate <sup>a</sup>	Model 1 <sup>b</sup>		Model 2 <sup>c</sup>	
				HR (95% CI)	<i>P</i>	HR (95% CI)	<i>P</i>
<b>Ages &lt;1 y</b>							
22–27 wk	0	4702	0.00	NE	NE	NE	NE
28–33 wk	1	42 455	2.36	13.90 (1.64–117.56)	.02	28.38 (2.88–279.33)	.004
34–36 wk	3	151 185	1.98	10.56 (2.62–42.54)	.001	NE	NE
37–41 wk	6	3 057 952	0.20	1.00		1.00	
≥42 wk	1	297 515	0.34	1.28 (0.15–11.09)	.82	3.05 (0.30–30.55)	.34
<b>Ages 1–5 y</b>							
22–27 wk	0	20 989	0.00	NE	NE	NE	NE
28–33 wk	0	199 980	0.00	NE	NE	NE	NE
34–36 wk	3	719 223	0.42	3.54 (0.96–13.01)	.06	1.50 (0.15–14.83)	.73
37–41 wk	16	14 553 535	0.11	1.00		1.00	
≥42 wk	2	1 432 007	0.14	1.23 (0.28–5.41)	.79	1.39 (0.17–11.50)	.76
<b>Ages 6–12 y</b>							
22–27 wk	0	20 885	0.00	NE	NE	NE	NE
28–33 wk	0	225 980	0.00	NE	NE	NE	NE
34–36 wk	0	833 519	0.00	NE	NE	NE	NE
37–41 wk	11	16 893 753	0.07	1.00		1.00	
≥42 wk	2	1 720 698	0.12	1.66 (0.35–7.90)	.53	1.94 (0.40–9.53)	.41
<b>Ages 13–17 y</b>							
22–27 wk	0	9993	0.00	NE	NE	NE	NE
28–33 wk	5	125 166	3.99	2.30 (0.92–5.72)	.07	1.94 (0.77–4.87)	.16
34–36 wk	9	477 469	1.88	1.13 (0.57–2.24)	.72	0.83 (0.38–1.79)	.63
37–41 wk	163	9 712 618	1.44	1.00		1.00	
≥42 wk	18	1 033 223	1.74	1.08 (0.66–1.76)	.77	1.00 (0.60–1.69)	.99
<b>Ages 18–38 y</b>							
22–27 wk	4	10 590	37.77	3.92 (1.47–10.47)	.006	1.86 (0.60–5.81)	.29
28–33 wk	29	187 984	15.43	1.68 (1.16–2.43)	.006	1.32 (0.88–1.96)	.18
34–36 wk	96	768 234	12.50	1.37 (1.11–1.69)	.003	1.29 (1.04–1.59)	.02
37–41 wk	1469	16 193 702	9.07	1.00		1.00	
≥42 wk	208	2 118 866	9.82	1.03 (0.89–1.20)	.67	1.04 (0.89–1.20)	.64

NE, not estimable.

<sup>a</sup> Incidence rate for first episode of PE per 100 000 person-years.

<sup>b</sup> Adjusted for age/gender/birth cohort, fetal growth, multiple birth, birth order, maternal age, maternal marital status, maternal and paternal education, and family history of VTE in a parent or sibling.

<sup>c</sup> Excluding individuals with significant congenital anomalies or cerebral palsy and adjusted for the same variables as model 1, as well as diabetes, heart failure, asthma, pneumonia, cancer, and fracture.

**SUPPLEMENTARY TABLE 5** aHRs for Association Between Gestational Age at Birth and DVT in Different Intervals of Attained Age (1973–2010)

	DVT Events	Person-years	Rate <sup>a</sup>	Model 1 <sup>b</sup>		Model 2 <sup>c</sup>	
				HR (95% CI)	P	HR (95% CI)	P
<b>Âges &lt;1 y</b>							
22–27 wk	2	4699	42.56	78.08 (17.36–351.07)	<.001	60.66 (11.96–307.63)	<.001
28–33 wk	2	42 452	4.71	9.10 (2.09–39.69)	.003	NE	NE
34–36 wk	2	151 184	1.32	2.54 (0.59–11.00)	.21	NE	NE
37–41 wk	18	3 057 940	0.59	1.00		1.00	
≥42 wk	5	297 513	1.68	2.52 (0.92–6.93)	.07	1.79 (0.50–6.39)	.37
<b>Âges 1–5 y</b>							
22–27 wk	1	20 971	4.77	19.37 (2.53–148.06)	.004	10.76 (1.32–87.77)	.03
28–33 wk	0	199 965	0.00	NE	NE	NE	NE
34–36 wk	6	719 216	0.83	3.36 (1.37–8.25)	.008	2.22 (0.75–6.57)	.15
37–41 wk	35	14 553 368	0.24	1.00		1.00	
≥42 wk	6	1 431 983	0.42	1.71 (0.71–4.12)	.23	1.38 (0.48–3.97)	.55
<b>Âges 6–12 y</b>							
22–27 wk	0	20 877	0.00	NE	NE	NE	NE
28–33 wk	2	225 964	0.89	2.72 (0.66–11.14)	.17	1.13 (0.15–8.23)	.91
34–36 wk	7	883 483	0.84	2.45 (1.12–5.35)	.03	2.40 (1.09–5.26)	.03
37–41 wk	67	16 893 450	0.40	1.00		1.00	
≥42 wk	7	1 720 654	0.41	1.10 (0.50–2.40)	.82	1.19 (0.54–2.62)	.66
<b>Âges 13–17 y</b>							
22–27 wk	0	9990	0.00	NE	NE	NE	NE
28–33 wk	12	125 146	9.59	2.42 (1.35–4.32)	.003	2.15 (1.17–3.94)	.01
34–36 wk	22	477 422	4.61	1.15 (0.75–1.77)	.52	0.93 (0.58–1.49)	.76
37–41 wk	405	9 711 883	4.17	1.00		1.00	
≥42 wk	44	1 033 150	4.26	1.04 (0.76–1.43)	.80	1.10 (0.80–1.51)	.56
<b>Âges 18–38 y</b>							
22–27 wk	4	10 591	37.77	2.02 (0.76–5.39)	.16	1.50 (0.48–4.65)	.49
28–33 wk	41	187 902	21.82	1.15 (0.85–1.57)	.37	1.04 (0.74–1.46)	.81
34–36 wk	178	767 644	23.19	1.22 (1.05–1.42)	.01	1.15 (0.98–1.34)	.09
37–41 wk	3154	16 182 966	19.49	1.00		1.00	
≥42 wk	447	2 117 461	21.11	1.01 (0.91–1.12)	.86	1.02 (0.92–1.13)	.67

NE, not estimable.

<sup>a</sup> Incidence rate for first episode of DVT per 100 000 person-years.

<sup>b</sup> Adjusted for age/gender, birth cohort, fetal growth, multiple birth, birth order, maternal age, maternal marital status, maternal and paternal education, and family history of VTE in a parent or sibling.

<sup>c</sup> Excluding individuals with significant congenital anomalies or cerebral palsy and adjusted for the same variables as model 1, as well as diabetes, heart failure, asthma, pneumonia, cancer, and fracture.

**SUPPLEMENTARY TABLE 6** aHRs for Association Between Gestational Age at Birth and OVTE (Non-DVT/PE) in Different Intervals of Attained Age (1973–2010)

	OVTE events	Person-years	Rate <sup>a</sup>	Model 1 <sup>b</sup>		Model 2 <sup>c</sup>	
				HR (95% CI)	P	HR (95% CI)	P
Ages <1 y							
22–27 wk	5	4696	106.47	41.10 (16.01–105.52)	<.001	35.35 (11.88–105.14)	<.001
28–33 wk	5	42 447	11.78	4.99 (1.97–12.64)	.001	3.43 (1.04–11.31)	.04
34–36 wk	11	151 175	7.28	3.13 (1.64–5.98)	.001	1.98 (0.84–4.65)	.12
37–41 wk	72	3 057 901	2.35	1.00		1.00	
≥42 wk	13	297 507	4.37	1.89 (1.04–3.43)	.04	1.76 (0.89–3.47)	.10
Ages 1–5 y							
22–27 wk	0	20 953	0.00	NE	NE	NE	NE
28–33 wk	6	199 912	3.00	4.91 (2.11–11.41)	<.001	4.88 (1.95–12.23)	.001
34–36 wk	9	719 151	1.25	2.00 (1.00–3.98)	.05	1.10 (0.40–3.01)	.86
37–41 wk	97	14 553 013	0.67	1.00		1.00	
≥42 wk	13	1 431 920	0.91	1.33 (0.74–2.38)	.35	1.34 (0.69–2.61)	.39
Ages 6–12 y							
22–27 wk	0	20 848	0.00	NE	NE	NE	NE
28–33 wk	2	225 879	0.89	1.52 (0.37–6.32)	.56	1.45 (0.35–6.11)	.61
34–36 wk	5	833 432	0.60	1.03 (0.42–2.57)	.94	1.12 (0.45–2.82)	.80
37–41 wk	96	16 892 718	0.57	1.00		1.00	
≥42 wk	8	1 720 575	0.46	0.85 (0.41–1.77)	.67	0.63 (0.26–1.58)	.33
Ages 13–17 y							
22–27 wk	0	9988	0.00	NE	NE	NE	NE
28–33 wk	7	125 109	5.60	1.64 (0.76–3.52)	.21	1.45 (0.63–3.30)	.38
34–36 wk	15	477 394	3.14	1.00 (0.59–1.69)	.99	0.83 (0.46–1.50)	.54
37–41 wk	289	9 711 654	2.98	1.00		1.00	
≥42 wk	31	1 033 128	3.00	0.98 (0.67–1.43)	.91	0.98 (0.67–1.45)	.92
Ages 18–38 y							
22–27 wk	2	10 594	18.88	2.37 (0.59–9.48)	.22	1.90 (0.47–7.68)	.37
28–33 wk	28	187 908	14.90	1.89 (1.30–2.76)	.001	1.82 (1.23–2.69)	.003
34–36 wk	73	768 124	9.50	1.20 (0.94–1.52)	.14	1.12 (0.88–1.44)	.36
37–41 wk	1343	16 191 669	8.29	1.00		1.00	
≥42 wk	163	2 118 822	7.69	0.86 (0.73–1.02)	.08	0.88 (0.75–1.04)	.14

<sup>a</sup> Incidence rate for first episode of OVTE per 100 000 person-years.

<sup>b</sup> Adjusted for age, gender, birth cohort, fetal growth, multiple birth, birth order, maternal age, maternal marital status, maternal and paternal education, and family history of VTE in a parent or sibling.

<sup>c</sup> Excluding individuals with significant congenital anomalies or cerebral palsy, and adjusted for the same variables as model 1, as well as diabetes, heart failure, asthma, pneumonia, cancer, and fracture.