

Supplementary Table 1 Mean differences on the Børge Priens Prøve among individuals attending the draft board examination, deliveries with induced and non-induced onset of labor 1995-2015, stratified for maternal parity, n=359,277

	Full cohort		
	N _{total} /N _{exposed}	Unadjusted	Adjusted*
		Mean difference (95 % CI)	Mean difference (95 % CI)
Maternal labor augmentation ^a	359,277 / 81,890	0.11 (0.04, 0.18)	-0.17 (-0.24, -0.11)
Maternal parity			
0	166,330 / 53,531	-0.05 (-0.15, 0.04)	-0.11 (-0.21, -0.03)
1	132,300 / 19,279	-0.41 (-0.55, -0.28)	-0.27 (-0.40, -0.14)
2	46,137 / 6,783	-0.44 (-0.68, -0.19)	-1.19 (-3.86, 3.48)
3	10,918 / 1,719	-0.98 (-1.50, -0.47)	-0.80 (-1.29, -0.32)
4+	3,592/ 778	-1.10 (-1.92, -0.28)	-1.26 (-2.05, -0.48)
Abbreviations: CI= confidence interval.			
^a Individuals not exposed to maternal labor augmentation were reference			
* adjusted for birth year (ref=1980), maternal age in years (ref= 25-29), maternal education (ref=low level), maternal parity (ref=nulliparous), gestational age in weeks (ref=37-41), labor induction (ref=no) intrauterine growth (ref= appropriate for gestational age), sex (ref=men)			

Supplementary Table 2A Mean differences on the Børge Priens Prøve among individuals attending the draft board examination, 1995- 2015, restricted to a study population born between 1991-1996, stratified for maternal parity, n=134,889

		Børge Priens Prøve	
		Unadjusted	Adjusted ^a
	N _{total} /N _{exposed}	Mean difference (95% CI)	Mean difference (95% CI)
Maternal labor augmentation ^b	134889/32195	0.30 (0.19, 0.41)	-0.30 (-0.42,- 0.19)
Maternal parity ^b			
0	60996/21688	0.13 (-0.01, 0.28)	-0.24 (-0.38, -0.10)
1	50144/7197	-0.38 (-0.61, -0.15)	-0.38 (-0.60, -0.17)
2	18002/2403	-0.51 (-0.91, -0.10)	-0.58 (-0.97, -0.20)
3	4317/623	-0.73 (-1.60, 0.15)	-0.66 (-1.44, 0.15)
4+	1430/284	-0.39 (-1.75, 0.97)	-0.50 (-2.10, 1.10)
Abbreviations: CI= confidence interval.			
^a adjusted for birth year (ref=1991), maternal age in years (ref=25-29), maternal education (ref=low level), maternal parity (ref=nulliparous), gestational age in weeks (ref=39-40), preeclampsia (ref=yes), diabetes mellitus (ref=yes) , intrauterine growth (ref=appropriate for gestational age), sex (ref=men)			
^b individuals not exposed to maternal labor augmentation were reference			

Supplementary Table 2B Mean differences on the Børge Priens Prøve among individuals attending the draft board examination, 1995- 2015, restricted to a study population born between 1991-1996 where deliveries with planned caesarean section were excluded, stratified for maternal parity, n=127,633

	Børge Priens Prøve		
		Unadjusted	Adjusted ^a
	N _{total} /N _{exposed}	Mean difference (95% CI)	Mean difference (95% CI)
Maternal labor augmentation ^b	127,633/ 32,175	0.25 (0.14, 0.36)	- 0.35 (-0.47, -0.24)
Maternal parity ^b			
0	58338/ 21,676	0.08 (-0.07, 0.23)	-0.28 (-0.43, -0.14)
1	47,412/ 7,191	-0.44 (-0.66, -0.21)	-0.44 (-0.66, -0.23)
2	16,582/ 2,402	-0.57 (-0.98, -0.16)	-0.64 (-1.03, -0.26)
3	3,963/ 622	-0.75 (-1.63, 0.13)	-0.61 (-1.41, 0.19)
4+	1,338/ 284	-0.27 (-1.66, 1.11)	-0.39 (-2.26, 1.47)

Abbreviations: CI= confidence interval.

^a adjusted for birth year (ref=1991), maternal age in years (ref=25-29), maternal education (ref=low level), maternal parity (ref=nulliparous), gestational age in weeks (ref=39-40), preeclampsia (ref=yes), diabetes mellitus (ref=yes) , intrauterine growth (ref=appropriate for gestational age), sex (ref=men)

^b individuals not exposed to maternal labor augmentation were reference

Supplementary Table 3 Mean differences on the Børge Priens Prøve among individuals attending the draft board examination, 1995- 2015, restricted to individuals born 1991-1996 with available data on smoking, stratified for maternal parity, n=126,847

	Børge Priens Prøve			
		Unadjusted	Adjusted for smoking	Adjusted ^a
	N _{total} / N _{exposed}	Mean difference (95% CI)	Mean difference (95% CI)	Mean difference (95% CI)
Maternal labor augmentation ^b	126,847/ 30,574	0.31 (0.18, 0.42)	0.24 (0.13, 0.36)	-0.30 (-0.41,- 0.19)
Maternal parity ^b				
0	57,365/ 20,581	0.15 (0.01, 0.30)	0.06 (-0.09, 0.22)	-0.24 (-0.38, -0.09)
1	47,153/6,852	-0.37 (-0.59, -0.16)	-0.38 (-0.62, -0.15)	-0.36 (-0.58, -0.14)
2	16,928/ 2,275	-0.55 (-0.93, -0.17)	-0.47 (-0.88,-0.05)	-0.59 (-0.99, -0.20)
3	4,051/ 592	-0.69 (-1.48, 0.11)	-0.67 (-1.56, 0.21)	-0.63 (-1.45, 0.19)
4+	1,350/ 274	-0.61 (-1.85, 0.63)	- 0.56 (-1.95, 0.84)	-0.84 (-2.78, 1.10)
Abbreviations: CI= confidence interval.				
^a adjusted for birth year (ref=1991), maternal age in years (ref=25-29), maternal education (ref=low level), maternal parity (ref=nulliparous), gestational age in weeks (ref=39-40), preeclampsia (ref=yes), diabetes mellitus (ref=yes), intrauterine growth (ref=appropriate for gestational age), sex (ref=men), smoking (ref=yes)				
^b individuals not exposed to maternal labor augmentation were reference				

Supplementary Table 4 Mean differences on the Børge Priens Prøve among individuals attending the draft board examination, 1995- 2015, restricted to individuals with available data on BMI, stratified for maternal parity, n=237,313

	Børge Priens Prøve			
		Unadjusted	Adjusted for BMI	Adjusted ^a
	N _{total} /N _{exposed}	Mean difference (95% CI)	Mean difference (95% CI)	Mean difference (95% CI)
Maternal labor augmentation ^b	237,313/ 55,223	0.36 (0.27, 0.45)	0.39 (0.30, 0.48)	-0.22 (-0.30, -0.13)
Maternal parity ^b				
0	109,238/ 37,099	0.20 (0.09, 0.32)	0.23 (0.11, 0.34)	-0.16 (-0.27, -0.05)
1	87,529/ 12,385	-0.21 (-0.39, -0.04)	-0.16 (-0.33, 0.02)	-0.21 (-0.38, -0.05)
2	30,792/ 4,159	-0.46 (-0.77, -0.15)	-0.40 (-0.71, -0.09)	-0.48 (-0.78, -0.18)
3	7,338/ 1,072	-0.92 (-1.60, -0.25)	-0.85 (-1.52, -0.17)	-0.88 (-1.51, -0.25)
4+	2,416/ 508	-1.07 (-2.13, -0.02)	-0.95 (-2.00, 0.10)	-1.21 (-2.26, -0.16)
Abbreviations: CI= confidence interval				
^a adjusted for birth year (ref=1980), maternal age in years (ref=25-29), maternal education (ref=low level), maternal parity (ref=nulliparous), gestational age in weeks (ref=39-40), preeclampsia (ref=yes), diabetes mellitus (ref=yes), intrauterine growth (ref=appropriate for gestational age), sex (ref=men) and individuals BMI (ref=18.5-24.9)				
^b individuals not exposed to maternal labor augmentation were reference				