Online Appendix

Online Table 1: Segmented regression models evaluating the sex ratio and changes therein for live births only during the following 3 intervals: (i) before election (Apr 2010 to Oct 2016) (Segment 1); (ii) the period from election to before the anticipated effect (Nov 2016 to Feb 2017) (Segment 2) and (iii) the period from the anticipated effect to 5 months thereafter (Mar 2017 to July 2017) (Segment 3), respectively. Data are shown for the entire population of Ontario, the population in politically liberal-leaning regions at the time of the election, and the population in politically conservative-leaning regions at the time of the election, respectively.

Online Table 2: Segment regression models evaluating the changes in sex ratio when comparing time interval before the anticipated effect to the interval after the anticipated effect (Mar 2017 to July 2017), with the pre-effect segment defined in the following ways: (i) by excluding Dec 2016 to Feb 2017 and (ii) by aggregating the pre-election interval with this 3 month segment. Data are shown for entire population, liberal-leaning regions and conservative-leaning regions, respectively.

Online Table 1: Segmented regression models evaluating the sex ratio and changes therein for live births only during the following 3 intervals: (i) before election (Apr 2010 to Oct 2016) (Segment 1); (ii) the period from election to before the anticipated effect (Nov 2016 to Feb 2017) (Segment 2) and (iii) the period from the anticipated effect to 5 months thereafter (Mar 2017 to July 2017) (Segment 3), respectively. Data are shown for the entire population of Ontario, the population in politically liberal-leaning regions at the time of the election, and the population in politically conservative-leaning regions at the time of the election, respectively.

	Segment 1: Before Election (Apr 2010 to Oct 2016)				**Segment 2: From Election to Before Effect (Nov 2016 to Feb 2017)**				**Segment 3: From Effect to 5 Months Thereafter (Mar 2017 - July 2017)**			
	Baseline level of sex ratio before election		**Baseline level of change in sex ratio before election**		**Difference in sex ratio compared to pre-election**		**Difference in change in sex ratio compared to pre-election**		**Difference in sex ratio compared to before effect**		**Difference in change in sex ratio compared to before effect**	
	β0	***p-value***	***β1***	***p-value***	***β2***	***p-value***	***β3***	***p-value***	***β4***	***p-value***	***β5***	***p-value***
Entire population	1.0595	<0.0001	-0.000126	0.11	0.018	0.14	-0.00136	0.4	-0.0403	0.03	0.0122	0.02
Liberal-leaning regions	1.0596	<0.0001	-0.000128	0.12	0.0151	0.24	-0.000695	0.68	-0.0505	0.01	0.0163	0.004
Conservative-leaning regions	1.0669	<0.0001	-0.000207	0.37	-0.0377	0.3	0.002138	0.65	0.0952	0.087	-0.0141	0.37

Notes re interpretation of level of sex ratio and change in sex ratio:

β0 estimates the level of the sex ratio before the election (baseline level)

β0+β2 estimates the level of the sex ratio after the election but before the anticipated effect occurred

β0+β2+β4 estimates the level of the sex ratio from the anticipated effect to 5 months thereafter (predicted duration)

β2 = (β0+β2)-β0 = estimates the difference in sex ratio between after the election but before the anticipated effect occurred (segment 2) and before the election (segment 1)

β4 = (β0+β2+β4) – (β0+β2) = estimates the difference in sex ratio between the time period from the anticipated effect to 5 months thereafter (segment 3) and the time period after the election but before the anticipated effect occurred (segment 2)

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$\beta 1$ estimates the change in the sex ratio before the election
$\beta 1+\beta 3$ estimates the change in the sex ratio after the election but before the anticipated effect occurred
$\beta 1+\beta 3+\beta 5$ estimates the change in the sex ratio from the anticipated effect to 5 months thereafter (predicted duration)
$\beta 3 = (\beta 1+\beta 3)-\beta 1$ = estimates the difference in change in sex ratio between after the election but before the anticipated effect occurred (segment 2) and before the election (segment 1)
$\beta 5 = (\beta 1+\beta 3+\beta 5) - (\beta 1+\beta 3)$ = estimates the difference in change in sex ratio between the time period from the anticipated effect to 5 months thereafter (segment 3) and the time period after the election but before the anticipated effect occurred (segment 2)

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Online Table 2: Segment regression models evaluating the changes in sex ratio when comparing time interval before the anticipated effect to the interval after the anticipated effect (Mar 2017 to July 2017), with the pre-effect segment defined in the following ways: (i) by excluding Dec 2016 to Feb 2017 and (ii) by aggregating the pre-election interval with this 3 month segment. Data are shown for entire population, liberal-leaning regions and conservative-leaning regions, respectively.

(i) Excluding Dec 2016 to Feb 2017:

	Segment 1 -- Before Effect (Apr 2010 to Nov 2016)				**Segment 2 -- After Effect (Mar 2017 - Jul 2017)**			
	Baseline level of sex ratio		**Baseline change in sex ratio**		**Difference in sex ratio compared to before effect**		**Difference in change in sex ratio compared to before effect**	
	β6	***p-value***	***β7***	***p-value***	***β8***	***p-value***	***β9***	***p-value***
Entire population	1.0599	<0.0001	-0.000118	0.099	-0.0303	0.075	0.0118	0.02
Liberal-leaning regions	1.0598	<0.0001	-0.000111	0.13	-0.0418	0.02	0.0166	0.002
Conservative-leaning regions	1.061	<0.0001	-0.000132	0.51	0.0555	0.25	-0.0096	0.50

(ii) Aggregate Pre-effect Interval:

	Segment 1 -- Before Effect (Apr 2010 to Feb 2017)				**Segment 2 -- After Effect (Mar 2017 - Jul 2017)**			
	Baseline level of sex ratio		**Baseline change in sex ratio**		**Difference in sex ratio compared to before effect**		**Difference in change in sex ratio compared to before effect**	
	β6	***p-value***	***β7***	***p-value***	***β8***	***p-value***	***β9***	***p-value***
Entire population	1.059	<0.0001	-0.000083	0.23	-0.0323	0.061	0.0118	0.02
Liberal-leaning regions	1.059	<0.0001	-0.000083	0.24	-0.0433	0.02	0.0165	0.002
Conservative-leaning regions	1.0629	<0.0001	-0.000199	0.30	0.0593	0.23	-0.009535	0.50

Note: β6 estimates the level of the sex ratio before the anticipated effect occurred (baseline level);
β7 estimates the change in sex ratio before the anticipated effect occurred;
β6+β8 estimates the level of the sex ratio after the effect occurred;
β7+β9 estimates the change in sex ratio after the effect occurred.