

## A Appendix: Descriptive Statistics

Table A.1: Descriptive statistics for the province-month sample

	Mean	SD	Min	Median	Max
Ln +1 Patent applications	3.187	1.400	0.000	3.178	5.714
Ln Full-time employment	6.927	1.034	5.614	6.733	8.722
Ln Median wage	2.945	0.193	2.487	2.956	3.411
CPI	118.994	12.717	93.400	119.000	148.900
Ln +1 Business insolvencies	3.327	1.388	0.000	3.135	5.974
Ln Intl. exports	14.709	1.141	12.585	14.754	16.767
Ln Intl. imports	14.543	1.204	12.453	14.274	17.340
Ln Retail sales	14.864	1.028	13.312	14.691	16.902
Ln Wholesale sales	14.811	1.292	12.762	14.785	17.400
Ln Manufacturing sales	14.928	1.179	13.241	14.689	17.127
Ln International travellers	11.367	1.791	2.890	11.293	14.833
Ln Arriving vehicles				11.436	14.855
Ln Electric power generation	15.112	0.999	13.197	15.088	16.981
Ln Average actual hours	3.514	0.059	3.235	3.517	3.676
New housing price index	87.826	17.020	42.500	94.100	129.500
Ln Food services receipts	12.638	1.107	10.911	12.462	14.766
Ln Average job tenure	4.634	0.089	4.373	4.651	4.847

*Notes:* All statistics based on a balanced panel of  $N = 1,968$  province-monthly observations from January 2001 to June 2021. The sample includes all Canadian provinces except Newfoundland and Labrador, Prince Edward Island, Yukon and Nunavut.

Table A.2: Differences in means between treated and control provinces in province-quarter panel

Treatment		Pre	Post
Control	Ln +1 Patent applications	4.122	4.059
	Ln +1 Interested parties	5.683	5.464
	Ln +1 Inventors	301.511	292.143
	Ln +1 Applicants	158.663	139.122
	Ln +1 Owners	330.344	150.204
	Ln +1 Total population	8.632	8.731
	Ln +1 Foreign patent parties	3.405	3.189
	Ln +1 Section A applications	2.550	2.596
	Ln +1 Section B applications	2.238	2.037
	Ln +1 Section C applications	1.464	1.306
	Ln +1 Section D applications	0.349	0.185
	Ln +1 Section E applications	1.496	1.512
	Ln +1 Section F applications	1.618	1.417
	Ln +1 Section G applications	1.840	1.993
	Ln +1 Section H applications	1.620	1.380
	Ln +1 Multiple section applications	2.879	2.972
Treatment	Ln +1 Patent applications	5.379	5.254
	Ln +1 Interested parties	6.800	6.665
	Ln +1 Inventors	314.787	383.571
	Ln +1 Applicants	219.607	194.810
	Ln +1 Owners	378.721	211.762
	Ln +1 Total population	9.043	9.236
	Ln +1 Foreign patent parties	5.650	4.750
	Ln +1 Section A applications	2.704	2.896
	Ln +1 Section B applications	2.927	3.020
	Ln +1 Section C applications	2.632	2.633
	Ln +1 Section D applications	0.190	0.258
	Ln +1 Section E applications	4.073	3.761
	Ln +1 Section F applications	2.510	2.406
	Ln +1 Section G applications	3.075	2.853
	Ln +1 Section H applications	1.950	1.789
	Ln +1 Multiple section applications	4.100	4.111

*Notes:* Calculations based on a balanced panel of  $N = 656$  province-monthly observations from Q12001 to Q2021. The sample includes all Canadian provinces except Newfoundland and Labrador, Prince Edward Island, Yukon and Nunavut. Treatment group is Alberta, and control group is all remaining provinces. Post-intervention periods are those after April 2016 (Q22016).

Table A.3: Differences in means between treated and control provinces in province-month panel

Treatment		Pre	Post
Control	Ln +1 Patent applications	3.051	2.988
	Ln +1 Interested parties	4.535	4.316
	Ln +1 Inventors	3.603	3.609
	Ln +1 Applicants	3.078	3.013
	Ln +1 Owners	3.633	3.084
	Ln +1 Total population	7.533	7.632
	Ln +1 Foreign patent parties	2.344	2.155
	Ln +1 Section A applications	1.640	1.661
	Ln +1 Section B applications	1.388	1.272
	Ln +1 Section C applications	0.832	0.730
	Ln +1 Section D applications	0.138	0.069
	Ln +1 Section E applications	0.842	0.836
	Ln +1 Section F applications	0.945	0.808
	Ln +1 Section G applications	1.139	1.261
	Ln +1 Section H applications	1.035	0.828
	Ln +1 Multiple section applications	1.923	2.004
Treatment	Ln +1 Patent applications	4.279	4.157
	Ln +1 Interested parties	5.692	5.560
	Ln +1 Inventors	4.607	4.835
	Ln +1 Applicants	4.277	4.172
	Ln +1 Owners	4.799	4.253
	Ln +1 Total population	7.944	8.138
	Ln +1 Foreign patent parties	4.521	3.613
	Ln +1 Section A applications	1.673	1.833
	Ln +1 Section B applications	1.888	1.988
	Ln +1 Section C applications	1.600	1.599
	Ln +1 Section D applications	0.065	0.086
	Ln +1 Section E applications	2.982	2.669
	Ln +1 Section F applications	1.487	1.413
	Ln +1 Section G applications	2.020	1.829
	Ln +1 Section H applications	1.039	0.898
	Ln +1 Multiple section applications	3.009	3.019

*Notes:* Calculations based on a balanced panel of  $N = 1,968$  province-monthly observations from January 2001 to June 2021. The sample includes all Canadian provinces except Newfoundland and Labrador, Prince Edward Island, Yukon and Nunavut. Treatment group is Alberta, and control group is all remaining provinces. Post-intervention periods are those after April 2016.