TABLE 3

Impact of Minimum Wage Policy Changes on Employment Among Low-Wage Young Workers in Selected Canadian Provinces

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Quebec  2011 treated | | Ontario  2009 treated | | Alterta  2015 treated | | British Columbia  2012 treated | |
|  | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| DiD Measure | Teens  15-19 | Young Adult  20-24 | Teens  15-19 | Young Adult  20-24 | Teens  15-19 | Young Adult  20-24 | Teens  15-19 | Young Adult  20-24 |
|  |  |  |  |  |  |  |  |  |
| Baseline, estimates the coefficients without clustering standard errors at the province level | | | | | | | | |
| Post\_treated\_year | -0.000733\*\* | 0.0185\*\* | -0.0278\*\* | 0.000878\*\* | 0.0277\*\* | 0.0193\*\* | 0.0126\*\* | 0.0187\*\* |
|  | (0.000111) | (7.82e-05) | (0.000132) | (8.16e-05) | (0.000124) | (7.51e-05) | (0.000135) | (8.29e-05) |
| Treat | -0.0177\*\* | -0.000736\*\* | 0.0210\*\* | -0.00630\*\* | 0.0720\*\* | 0.0640\*\* | -0.0520\*\* | -0.0578\*\* |
|  | (7.37e-05) | (5.31e-05) | (8.22e-05) | (5.24e-05) | (8.78e-05) | (5.51e-05) | (0.000104) | (6.50e-05) |
| TreatXPost | 0.0838\*\* | 0.0340\*\* | -0.0394\*\* | -0.0266\*\* | -0.0936\*\* | -0.0544\*\* | 0.0108\*\* | 0.0196\*\* |
|  | (8.64e-05) | (6.08e-05) | (8.51e-05) | (5.38e-05) | (0.000141) | (8.63e-05) | (0.000131) | (8.06e-05) |
| Constant | 0.419\*\* | 0.679\*\* | 0.462\*\* | 0.705\*\* | 0.408\*\* | 0.686\*\* | 0.462\*\* | 0.730\*\* |
|  | (8.91e-05) | (6.45e-05) | (0.000105) | (6.67e-05) | (9.97e-05) | (6.15e-05) | (0.000111) | (6.95e-05) |
|  |  |  |  |  |  |  |  |  |
| Clustering at the Province Level | | | | | | | | |
| Post\_treated\_year | -0.000733 | 0.0185\* | -0.0278 | 0.000878 | 0.0277 | 0.0193 | 0.0126 | 0.0187 |
|  | (0.0143) | (0.00718) | (0.0361) | (0.0165) | (0.0180) | (0.0105) | (0.0215) | (0.0106) |
| Treat | -0.0177\*\* | -0.000736 | 0.0210 | -0.00630 | 0.0720\*\* | 0.0640\*\* | -0.0520\*\* | -0.0578\*\* |
|  | (0.00360) | (0.00329) | (0.0154) | (0.00621) | (0.00387) | (0.00239) | (0.00843) | (0.00435) |
| TreatXPost\_Clust | 0.0838\*\* | 0.0340\*\* | -0.0394 | -0.0266\* | -0.0936\*\* | -0.0544\*\* | 0.0108 | 0.0196 |
|  | (0.00750) | (0.00622) | (0.0269) | (0.0103) | (0.0156) | (0.00875) | (0.0198) | (0.00991) |
| Constant | 0.419\*\* | 0.679\*\* | 0.462\*\* | 0.705\*\* | 0.408\*\* | 0.686\*\* | 0.462\*\* | 0.730\*\* |
|  | (0.0179) | (0.00640) | (0.0164) | (0.00986) | (0.00549) | (0.00364) | (0.00851) | (0.00413) |
|  |  |  |  |  |  |  |  |  |
| Observations | 1,857,954 | 1,718,038 | 1,857,954 | 1,718,038 | 1,857,954 | 1,718,038 | 1,857,954 | 1,718,038 |
| R-squared | 0.690 | 0.805 | 0.581 | 0.799 | 0.623 | 0.813 | 0.535 | 0.778 |
| FE | YES | YES | YES | YES | YES | YES | YES | YES |

Note: This table presents DiD estimates of the impact of minimum wage changes on employment rates among low-wage young workers in selected Canadian provinces. The analysis is segmented into two age groups: Teens (15-19) and Young Adults (20-24), across four provinces with different years of minimum wage policy changes—Quebec (2011), Ontario (2009), Alberta (2015), and British Columbia (2012). Columns (1)-(4) provide baseline estimates without clustering, while columns (5)-(8) show results with clustered standard errors at the province level. Coefficients marked with \*\* are significant at the 1% level, and \* at the 5% level. Standard errors are in parentheses. The table incorporates province and year fixed effects, as indicated by 'FE: YES'.