## SUPPLEMENTAL MATERIAL

## Variables Used

**Table A1.** Variables Description

|  |  |  |
| --- | --- | --- |
| **Variables** | **Source** | **Description** |
| Occupied EAP | Permanent  Employment Survey | Total number of employed workers for each moving quarter.  Available at worker’s characteristics: gender, age and education level. |
| Average  Income | Permanent  Employment Survey | The average monthly income of all employed workers for each moving quarter.  Available at worker’s characteristics: gender, age and education level. |
| Formal  Occupied EAP | Permanent  Employment Survey | Total number of formal employed workers in each moving quarter. Formal is  defined as having health insurance. Available at worker’s characteristics. |
| Formal  Average Income | Permanent  Employment Survey | Average monthly income for all formal employed workers.  Available at worker’s characteristics: gender, age and education level. |
| Expectations  Index (News) | Gestion | A monthly series that compilates the number of news related to the General  Labor Law from January 2001 to May of 2012. |
| GDP | Central Reserve  Bank | In millions. A quarterly series from the first quarter of 2001 to the second  quarter of 2012. |
| Stock of  Universities | National Assembly  of Rectors | The number of public and private universities in Peru in each month since  January of 2001. |
| Population | National Institute of  Statistics and Informatics | Total number of inhabitants in Peru expressed in millions. Also available by  worker’s characteristics: gender and age. Not available by education level. |
| Elections | El Comercio  Newspaper | Dummy taking the value of one the six months prior to the two Presidential  elections that took place during our sample: (i) June 2006 and (ii) April 2011. |
| Area | Gestion Newspaper | Average area (in cm2) of all the monthly news normalized using the total  area of one page (1,036 cm2). |
| Page | Gestion Newspaper | Average page of all the monthly news normalized by the number of pages  in Gestion Newspaper (35). |

## Estimations

### General Model

**Table A2:** Age Panel: Employment and Average Income

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Overall Employment | Formal Employment | Overall Income | Formal Income |
| (1) | (2) | (3) | (4) |
| News | -0.044 | -0.741 | -0.010 | -0.235 |
|  | (0.019)∗∗ | (0.22)∗∗∗ | (0.158) | (0.103)∗∗ |
| News-1 | 0.015 | -0.529 | -0.199 | -0.021 |
|  | (0.056) | (0.075)∗∗∗ | (0.102)∗ | (0.164) |
| News-2 | 0.03 | -0.436 | -0.465 | -0.096 |
|  | (0.08) | (0.048)∗∗∗ | (0.131)∗∗∗ | (0.099) |
| News-3 | 0.009 | -0.822 | -0.616 | -0.211 |
|  | (0.145) | (0.179)∗∗∗ | (0.086)∗∗∗ | (0.013)∗∗∗ |
| Elections | -0.008 | -0.091 | -0.025 | -0.003 |
|  | (0.002)∗∗∗ | (0.009)∗∗∗ | (0.011)∗∗ | (0.006) |
| GDP | 0.0002  (0.0001)∗ | 0.003  (0.001)∗∗ | 0.002  (0.0004)∗∗∗ | 0.002  (0.0006)∗∗∗ |
| Universities | 0.001  (0.0002)∗∗∗ | 0.014  (0.003)∗∗∗ | 0.007  (0.001)∗∗∗ | 0.005  (0.002)∗∗ |
| Population | 0.127 | -0.185 | 0.027 | 0.118 |
|  | (0.006)∗∗∗ | (0.106)∗ | (0.043) | (0.083) |
| N | 390 | 390 | 333 | 390 |
| *R*2 0.904 | | 0.854 | 0.908 | 0.863 |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "News *j* " indicates the j-th lag of the number of News in each month. The coefficients of the News variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calculated by clusters for each of the three categories in the Age pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%, \*\*\* significant at 1%.

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**Table A3:** Education Panel: Employment and Average Income

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Overall Employment | Formal Employment | Overall Income | Formal Income |
|  | (1) | (2) | (3) | (4) |
| News | 0.021 | -0.389 | 0.0002 | 0.153 |
|  | (0.143) | (0.106)∗∗∗ | (0.12) | (0.126) |
| News-1 | -0.054 | -0.378 | -0.119 | 0.235 |
|  | (0.07) | (0.05)∗∗∗ | (0.062)∗ | (0.18) |
| News-2 | -0.006 | -0.231 | -0.115 | 0.107 |
|  | (0.044) | (0.138)∗ | (0.048)∗∗ | (0.118) |
| News-3 | -0.032 | -0.544 | -0.505 | -0.076 |
|  | (0.044) | (0.251)∗∗ | (0.078)∗∗∗ | (0.073) |
| Elections | 0.001 | -0.070 | -0.026 | -0.007 |
|  | (0.01) | (0.017)∗∗∗ | (0.013)∗∗ | (0.007) |
| GDP | 0.0004 | 0.0009 | 0.0009 | 0.0004 |
|  | (0.0004) | (0.0004)∗∗ | (0.0001)∗∗∗ | (0.0002)∗∗ |
| Universities | 0.0006 | 0.005 | 0.004 | 0.001 |
|  | (0.001) | (0.001)∗∗∗ | (0.0008)∗∗∗ | (0.0009)∗ |
| Population | 0.049 | 0.057 | 0.08 | 0.114 |
|  | (0.051) | (0.067) | (0.012)∗∗∗ | (0.016)∗∗∗ |
| N | 484 | 464 | 444 | 464 |
| *R*2 0.385 | | 0.689 | 0.901 | 0.891 |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "News *j* " indicates the j-th lag of the number of News in each month.v The coefficients of the News variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calculated by clusters for each of the four categories in the Education pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%,

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\*\*\* significant at 1%.

### Differential Growth Effects

**Table A4:** Education Panel: Employment and Average Income wit growt eterogeneous effects

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Overall Employment | | Formal Employment | Overall Income | Formal Income |
| (1) | | (2) | (3) | (4) |
| News -0.132 | | -0.308 | 0.113 | 0.291 |
| (0.177) | | (0.329) | (0.252) | (0.08)∗∗∗ |
| News-1 -0.166 | | -0.378 | 0.182 | 0.102 |
| (0.11) | | (0.091)∗∗∗ | (0.061)∗∗∗ | (0.175) |
| News-2 0.022 | | -0.170 | 0.107 | 0.171 |
| (0.174) | | (0.107) | (0.073) | (0.202) |
| News-3 0.050 | | -0.419 | -0.277 | 0.034 |
| (0.219) | | (0.424) | (0.299) | (0.213) |
| News × Growth 0.235 | | -0.130 | -0.109 | -0.236 |
| (0.106)∗∗ | | (0.362) | (0.184) | (0.085)∗∗∗ |
| News-1 × Growth | 0.159  (0.08)∗∗ | 0.044  (0.109) | -0.382  (0.034)∗∗∗ | 0.246  (0.087)∗∗∗ |
| News-2 × Growth | -0.059  (0.227) | -0.063  (0.105) | -0.247  (0.084)∗∗∗ | -0.075  (0.192) |
| News-3 × Growth | -0.140  (0.267) | -0.182  (0.343) | -0.270  (0.356) | -0.173  (0.293) |
| Elections | 0.0009  (0.01) | -0.069  (0.018)∗∗∗ | -0.024  (0.013)∗ | -0.006  (0.006) |
| GDP | 0.0004  (0.0004) | 0.0009  (0.0004)∗∗ | 0.0008  (0.0001)∗∗∗ | 0.0004  (0.0002)∗∗∗ |
| Universities | 0.0007  (0.0009) | 0.005  (0.002)∗∗∗ | 0.003  (0.0008)∗∗∗ | 0.001  (0.0006)∗∗ |
| Population | 0.046  (0.054) | 0.062  (0.072) | 0.096  (0.013)∗∗∗ | 0.117  (0.015)∗∗∗ |
| N  *R*2 | 484  0.386 | 464  0.689 | 444  0.905 | 464  0.892 |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "News *j* " indicates the j-th lag of the number of News in each month. Growth is a dummy variable indicating if the quarter’s GDP real growth rate was above our sample mean (5.99%). The coefficients of the News variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calculated by clusters for each of the four categories in the Education pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%, \*\*\* significant at 1%.

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**Table A5:** Age Panel: Employment and Average Income wit growt eterogeneous effects

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Overall Employment | | Formal Employment | Overall Income | Formal Income |
| (1) | | (2) | (3) | (4) |
| News -0.175 | | -1.080 | 0.046 | -0.257 |
| (0.074)∗∗ | | (0.331)∗∗∗ | (0.26) | (0.074)∗∗∗ |
| News-1 -0.031 | | -0.851 | -0.475 | -0.565 |
| (0.09) | | (0.195)∗∗∗ | (0.211)∗∗ | (0.292)∗ |
| News-2 0.027 | | -0.747 | -0.483 | -0.161 |
| (0.074) | | (0.083)∗∗∗ | (0.242)∗∗ | (0.111) |
| News-3 0.083 | | -1.098 | -0.649 | -0.301 |
| (0.096) | | (0.307)∗∗∗ | (0.168)∗∗∗ | (0.078)∗∗∗ |
| News × Growth 0.210 | | 0.594 | -0.120 | 0.038 |
| (0.093)∗∗ | | (0.222)∗∗∗ | (0.174) | (0.093) |
| News-1 × Growth | 0.069  (0.068) | 0.339  (0.213) | 0.422  (0.198)∗∗ | 0.787  (0.313)∗∗ |
| News-2 × Growth | 0.0002  (0.037) | 0.448  (0.136)∗∗∗ | 0.011  (0.187) | 0.078  (0.015)∗∗∗ |
| News-3 × Growth | -0.118  (0.103) | 0.370  (0.214)∗ | 0.02  (0.128) | 0.07  (0.157) |
| Elections | -0.008  (0.002)∗∗∗ | -0.093  (0.01)∗∗∗ | -0.025  (0.012)∗∗ | -0.003  (0.006) |
| GDP | 0.0002  (0.0001) | 0.003  (0.001)∗∗ | 0.002  (0.0003)∗∗∗ | 0.002  (0.0006)∗∗∗ |
| Universities | 0.001  (0.0002)∗∗∗ | 0.014  (0.002)∗∗∗ | 0.007  (0.001)∗∗∗ | 0.005  (0.002)∗∗∗ |
| Population | 0.125  (0.007)∗∗∗ | -0.202  (0.105)∗ | 0.022  (0.048) | 0.109  (0.084) |
| N  *R*2 | 390  0.905 | 390  0.86 | 333  0.909 | 390  0.868 |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "News *j* " indicates the j-th lag of the number of News in each month. Growth is a dummy variable indicating if the quarter’s GDP real growth rate was above our sample mean (5.99%). The coefficients of the News variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calculated by clusters for each of the three categories in the Age pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%, \*\*\* significant at 1%.

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**Table A6:** Gender Panel: Employment and Average Income wit growt eterogeneous effects

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Overall Employment | | Formal Employment | Overall Income | Formal Income |
| (1) | | (2) | (3) | (4) |
| News -0.085 | | -0.296 | 0.420 | 0.051 |
| (0.084) | | (0.098)∗∗∗ | (0.038)∗∗∗ | (0.192) |
| News-1 -0.047 | | -0.517 | 0.033 | -0.273 |
| (0.049) | | (0.059)∗∗∗ | (0.078) | (0.066)∗∗∗ |
| News-2 0.044 | | -0.401 | -0.057 | 0.014 |
| (0.015)∗∗∗ | | (0.13)∗∗∗ | (0.109) | (0.065) |
| News-3 0.050 | | -0.908 | -0.259 | -0.304 |
| (0.041) | | (0.271)∗∗∗ | (0.19) | (0.286) |
| News × Growth 0.099 | | -0.276 | -0.319 | -0.169 |
| (0.085) | | (0.045)∗∗∗ | (0.039)∗∗∗ | (0.166) |
| News-1 × Growth | 0.084  (0.039)∗∗ | 0.137  (0.063)∗∗ | -0.118  (0.095) | 0.494  (0.192)∗∗∗ |
| News-2 × Growth | -0.058  (0.021)∗∗∗ | -0.084  (0.137) | -0.213  (0.15) | -0.068  (0.09) |
| News-3 × Growth | -0.138  (0.038)∗∗∗ | 0.087  (0.298) | -0.364  (0.304) | 0.086  (0.241) |
| Elections | -0.008  (0.003)∗∗∗ | -0.079  (0.007)∗∗∗ | -0.016  (0.006)∗∗∗ | -0.006  (0.014) |
| GDP | 0.0001  (0.0001) | 0.001  (0.0002)∗∗∗ | 0.001  (0.0002)∗∗∗ | 0.001  (0.0001)∗∗∗ |
| Universities | 0.001  (0.0001)∗∗∗ | 0.006  (0.0006)∗∗∗ | 0.003  (0.0008)∗∗∗ | 0.002  (0.00009)∗∗∗ |
| Population | 0.109  (0.01)∗∗∗ | 0.129  (0.032)∗∗∗ | 0.231  (0.039)∗∗∗ | 0.185  (0.016)∗∗∗ |
| N  *R*2 | 260  0.941 | 260  0.959 | 222  0.961 | 260  0.931 |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "News *j* " indicates the j-th lag of the number of News in each month. Growth is a dummy variable indicating if the quarter’s GDP real growth rate was above our sample mean (5.99%). The coefficients of the News variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calculated by clusters for each of the two categories in the Gender pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%, \*\*\* significant at 1%.

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### Cumulative Effects

**Table A7:** Education Panel wit quadratic terms: Formal Employment and Average Income

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Formal Employment |  |  |  | Formal Average Income | | |  |
| (1) | (2) | (3) |  | (4) | (5) | | | (6) |
| News | -1.467 | -0.610 | -0.116 | -1.755 | | | -1.066 | -0.081 | |
|  | (0.511)∗∗∗ | (0.316)∗ | (0.316) | (0.187)∗∗∗ | | | (0.191)∗∗∗ | (0.082) | |
| News squared | 10.062 | 1.931 | -3.237 | 20.016 | | | 13.477 | 3.175 | |
|  | (5.674)∗ | (3.903) | (3.026) | (3.679)∗∗∗ | | | (3.569)∗∗∗ | (2.384) | |
| News-1 | -2.516 | -0.845 | -0.419 | -2.250 | | | -0.906 | -0.057 | |
|  | (0.921)∗∗∗ | (0.563) | (0.257) | (0.163)∗∗∗ | | | (0.048)∗∗∗ | (0.134) | |
| News-1 squared | 23.106 | 5.534 | 0.796 | 27.341 | | | 13.210 | 3.765 | |
|  | (9.904)∗∗ | (6.241) | (3.592) | (3.186)∗∗∗ | | | (2.227)∗∗∗ | (1.686)∗∗ | |
| News-2 | -2.104 | -0.527 | -0.205 | -1.771 | | | -0.503 | 0.139 | |
|  | (0.78)∗∗∗ | (0.411) | (0.064)∗∗∗ | (0.111)∗∗∗ | | | (0.088)∗∗∗ | (0.127) | |
| News-2 squared | 17.568 | 3.383 | 0.282 | 17.193 | | | 5.786 | -0.396 | |
|  | (5.660)∗∗∗ | (2.370) | (1.635) | (2.272)∗∗∗ | | | (1.772)∗∗∗ | (1.560) | |
| News-3 | -3.058 | -1.450 | -1.195 | -1.671 | | | -0.378 | 0.13 | |
|  | (0.917)∗∗∗ | (0.536)∗∗∗ | (0.232)∗∗∗ | (0.208)∗∗∗ | | | (0.128)∗∗∗ | (0.141) | |
| News-3 squared | 26.478 | 11.013 | 8.158 | 15.615 | | | 3.178 | -2.512 | |
|  | (6.568)∗∗∗ | (2.856)∗∗∗ | (0.783)∗∗∗ | (2.822)∗∗∗ | | | (2.244) | (1.994) | |
| Elections | -0.009 | -0.074 | -0.072 | 0.042 | | | -0.010 | -0.005 | |
|  | (0.021) | (0.016)∗∗∗ | (0.017)∗∗∗ | (0.003)∗∗∗ | | | (0.006) | (0.007) | |
| GDP | 0.007 | 0.002 | 0.0009 | 0.006 | | | 0.002 | 0.0004 | |
|  | (0.002)∗∗∗ | (0.001) | (0.0004)∗∗ | (0.0005)∗∗∗ | | | (0.0002)∗∗∗ | (0.0002)∗∗ | |
| Universities |  | 0.008  (0.002)∗∗∗ | 0.005  (0.001)∗∗∗ |  | | | 0.006  (0.0006)∗∗∗ | 0.002  (0.0009)∗ | |
| Population |  |  | 0.056 |  | | |  | 0.112 | |
|  |  |  | (0.069) |  | | |  | (0.015)∗∗∗ | |
| N | 464 | 464 | 464 | 464 | | | 464 | 464 | |
| *R*2 0.417 | | 0.682 | 0.689 | 0.516 | | 0.834 | | 0.892 | |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "News *j* " indicates the j-th lag of the number of News in each month. The coefficients of the News variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calculated by clusters for each of the four categories in the Education pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%,

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\*\*\* significant at 1%.

**Table A8:** Age Panel wit quadratic terms: Formal Employment and Average Income

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Formal Employment |  |  |  | Formal Average Income | | |  |
|  | (1) | (2) | (3) |  | (4) | (5) | | | (6) |
| News | -1.347 | -0.646 | -0.998 | -1.688 | | | -1.216 | -1.001 | |
|  | (0.343)∗∗∗ | (0.208)∗∗∗ | (0.328)∗∗∗ | (0.35)∗∗∗ | | | (0.316)∗∗∗ | (0.257)∗∗∗ | |
| News squared | 7.856 | 0.820 | 4.698 | 17.689 | | | 12.947 | 10.573 | |
|  | (2.138)∗∗∗ | (0.605) | (1.917)∗∗ | (4.291)∗∗∗ | | | (3.983)∗∗∗ | (2.674)∗∗∗ | |
| News-1 | -2.683 | -0.904 | -1.131 | -1.817 | | | -0.618 | -0.480 | |
|  | (0.75)∗∗∗ | (0.364)∗∗ | (0.375)∗∗∗ | (0.191)∗∗∗ | | | (0.103)∗∗∗ | (0.168)∗∗∗ | |
| News-1 squared | 26.014 | 6.393 | 9.214 | 21.609 | | | 8.383 | 6.656 | |
|  | (9.487)∗∗∗ | (5.211) | (5.204)∗ | (3.674)∗∗∗ | | | (2.744)∗∗∗ | (1.974)∗∗∗ | |
| News-1 | -2.205 | -0.462 | -0.600 | -1.292 | | | -0.117 | -0.032 | |
|  | (0.411)∗∗∗ | (0.166)∗∗∗ | (0.086)∗∗∗ | (0.029)∗∗∗ | | | (0.117) | (0.173) | |
| News-2 squared | 18.373 | 1.945 | 3.576 | 11.226 | | | 0.152 | -0.847 | |
|  | (4.680)∗∗∗ | (1.671) | (1.018)∗∗∗ | (1.431)∗∗∗ | | | (1.994) | (1.922) | |
| News-3 | -3.271 | -1.700 | -1.714 | -0.981 | | | 0.078 | 0.087 | |
|  | (0.655)∗∗∗ | (0.319)∗∗∗ | (0.3)∗∗∗ | (0.205)∗∗∗ | | | (0.283) | (0.313) | |
| News-3 squared | 28.408 | 11.595 | 12.632 | 8.867 | | | -2.466 | -3.101 | |
|  | (5.440)∗∗∗ | (1.894)∗∗∗ | (1.648)∗∗∗ | (3.240)∗∗∗ | | | (4.044) | (4.238) | |
| Elections | 0.023 | -0.085 | -0.086 | 0.074 | | | 0.002 | 0.003 | |
|  | (0.017) | (0.007)∗∗∗ | (0.008)∗∗∗ | (0.009)∗∗∗ | | | (0.007) | (0.006) | |
| GDP | 0.010 | 0.002 | 0.003 | 0.008 | | | 0.002 | 0.002 | |
|  | (0.003)∗∗∗ | (0.001)∗ | (0.001)∗∗ | (0.0007)∗∗∗ | | | (0.0004)∗∗∗ | (0.0006)∗∗∗ | |
| Universities |  | 0.010  (0.002)∗∗∗ | 0.014  (0.002)∗∗∗ |  | | | 0.007  (0.0005)∗∗∗ | 0.005  (0.002)∗∗ | |
| Population |  |  | -0.188 |  | | |  | 0.115 | |
|  |  |  | (0.107)∗ |  | | |  | (0.083) | |
| N | 390 | 390 | 390 | 390 | | | 390 | 390 | |
| *R*2 0.487 | | 0.824 | 0.856 | 0.532 | | 0.842 | | 0.866 | |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "News *j* " indicates the j-th lag of the number of News in each month. The coefficients of the News variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calculated by clusters for each of the three categories in the Age pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%, \*\*\* significant at 1%.

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**Table A9:** Gender Panel wit quadratic terms: Formal Employment and Average Income

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Formal Employment |  |  |  | Formal Average Income | | |  |
|  | (1) | (2) | (3) |  | (4) | (5) | | | (6) |
| News | -1.172 | -0.527 | -0.177 | -1.501 | | | -1.062 | -0.539 | |
|  | (0.065)∗∗∗ | (0.081)∗∗∗ | (0.187) | (0.00008)∗∗∗ | | | (0.025)∗∗∗ | (0.089)∗∗∗ | |
| News squared | 7.043 | 0.564 | -3.368 | 16.974 | | | 12.565 | 6.682 | |
|  | (0.273)∗∗∗ | (0.424) | (1.542)∗∗ | (1.307)∗∗∗ | | | (1.054)∗∗∗ | (0.228)∗∗∗ | |
| News-1 | -2.371 | -0.733 | -0.517 | -1.592 | | | -0.478 | -0.153 | |
|  | (0.186)∗∗∗ | (0.149)∗∗∗ | (0.075)∗∗∗ | (0.105)∗∗∗ | | | (0.041)∗∗∗ | (0.014)∗∗∗ | |
| News-1 squared | 22.316 | 4.248 | 1.456 | 19.691 | | | 7.396 | 3.218 | |
|  | (2.486)∗∗∗ | (2.071)∗∗ | (1.213) | (2.758)∗∗∗ | | | (2.049)∗∗∗ | (1.569)∗∗ | |
| News-2 | -2.199 | -0.593 | -0.460 | -1.286 | | | -0.194 | 0.005 | |
|  | (0.06)∗∗∗ | (0.023)∗∗∗ | (0.023)∗∗∗ | (0.15)∗∗∗ | | | (0.087)∗∗ | (0.071) | |
| News-2 squared | 17.811 | 2.683 | 1.009 | 12.445 | | | 2.151 | -0.354 | |
|  | (0.371)∗∗∗ | (0.02)∗∗∗ | (0.435)∗∗ | (2.213)∗∗∗ | | | (1.619) | (1.239) | |
| News-3 | -3.096 | -1.650 | -1.663 | -1.076 | | | -0.092 | -0.111 | |
|  | (0.319)∗∗∗ | (0.286)∗∗∗ | (0.262)∗∗∗ | (0.374)∗∗∗ | | | (0.318) | (0.363) | |
| News-3 squared | 27.034 | 11.552 | 10.644 | 10.933 | | | 0.398 | -0.961 | |
|  | (3.085)∗∗∗ | (2.731)∗∗∗ | (2.335)∗∗∗ | (3.972)∗∗∗ | | | (3.368) | (3.401) | |
| Elections | 0.018 | -0.081 | -0.081 | 0.065 | | | -0.002 | -0.003 | |
|  | (0.006)∗∗∗ | (0.008)∗∗∗ | (0.007)∗∗∗ | (0.007)∗∗∗ | | | (0.011) | (0.013) | |
| GDP | 0.009 | 0.002 | 0.001 | 0.007 | | | 0.002 | 0.001 | |
|  | (0.0006)∗∗∗ | (0.0005)∗∗∗ | (0.0002)∗∗∗ | (0.0005)∗∗∗ | | | (0.0002)∗∗∗ | (0.0001)∗∗∗ | |
| Universities |  | 0.01  (0.0002)∗∗∗ | 0.006  (0.0008)∗∗∗ |  | | | 0.006  (0.0004)∗∗∗ | 0.002  (0.00005)∗∗∗ | |
| Population |  |  | 0.125  (0.039)∗∗∗ |  | | |  | 0.187  (0.021)∗∗∗ | |
| N | 260 | 260 | 260 | 260 | | | 260 | 260 | |
| *R*2 0.550 | | 0.946 | 0.961 | 0.532 | | 0.870 | | 0.931 | |

*Note*: All dependent variables (employment and income) are in logarithms.The notation "News *j* " indicates the j-th lag of the number of News in each month. The coefficients of the News variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calculated by clusters for each of the two categories in the Gender pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%, \*\*\* significant at 1%.

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### Expectations as News’ size

**Table A10:** Education Panel: Only Area

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Overall Employment | Overall Income | Formal Employment | Formal Income |
| (1) | (2) | (3) | (4) |
| Area | 0.003 | -0.010 | -0.011 | 0.003 |
|  | (0.009) | (0.0009)∗∗∗ | (0.02) | (0.007) |
| Area-1 | -0.002 | -0.010 | -0.014 | 0.006 |
|  | (0.004) | (0.005)∗ | (0.009) | (0.009) |
| Area-2 | -0.0006 | -0.006 | -0.003 | -0.002 |
|  | (0.004) | (0.003)∗ | (0.009) | (0.005) |
| Area-3 | 0.000002 | -0.025 | -0.020 | 0.004 |
|  | (0.007) | (0.003)∗∗∗ | (0.022) | (0.005) |
| Elections | 0.002 | -0.021 | -0.054 | -0.007 |
|  | (0.011) | (0.013) | (0.008)∗∗∗ | (0.007) |
| GDP | 0.0003 | 0.0009 | 0.002 | 0.0005 |
|  | (0.0004) | (0.0001)∗∗∗ | (0.0007)∗∗∗ | (0.0002)∗∗ |
| Universities | 0.0005 | 0.004 | 0.006 | 0.002 |
|  | (0.001) | (0.0008)∗∗∗ | (0.002)∗∗∗ | (0.0009)∗ |
| Population | 0.050 | 0.077 | 0.025 | 0.110 |
|  | (0.053) | (0.012)∗∗∗ | (0.072) | (0.016)∗∗∗ |
| N | 484 | 444 | 256 | 464 |
| *R*2 0.385 | | 0.900 | 0.670 | 0.889 |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "Area *j* " indicates the j-th lag of the average area (in cm2) of all the news in a month, normalized using the size of a total page (1.036 cm2). The coefficients of the Area variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calculated by clusters for each of the four categories in the Education pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%, \*\*\* significant at 1%.

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**Table A11:** Age Panel: Only Area

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Overall Employment | Overall Income | Formal Employment | Formal Income |
|  | (1) | (2) | (3) | (4) |
| Area | 0.001 | -0.021 | -0.037 | -0.023 |
|  | (0.004) | (0.009)∗∗ | (0.007)∗∗∗ | (0.006)∗∗∗ |
| Area-1 | -0.001 | -0.028 | 0.003 | -0.018 |
|  | (0.002) | (0.004)∗∗∗ | (0.011) | (0.009)∗∗ |
| Area-2 | 0.003 | -0.020 | 0.013 | -0.009 |
|  | (0.006) | (0.008)∗∗ | (0.021) | (0.008) |
| Area-3 | 0.002 | -0.029 | -0.024 | 0.003 |
|  | (0.006) | (0.001)∗∗∗ | (0.01)∗∗ | (0.009) |
| Elections | -0.009 | -0.016 | -0.021 | 0.002 |
|  | (0.0005)∗∗∗ | (0.01) | (0.017) | (0.006) |
| GDP | 0.0002 | 0.002 | 0.003 | 0.002 |
|  | (0.0002) | (0.0003)∗∗∗ | (0.0007)∗∗∗ | (0.0006)∗∗∗ |
| Universities | 0.001  (0.0003)∗∗∗ | 0.007  (0.0009)∗∗∗ | 0.013  (0.002)∗∗∗ | 0.005  (0.002)∗∗ |
| Population | 0.127 | 0.018 | -0.213 | 0.115 |
|  | (0.006)∗∗∗ | (0.039) | (0.095)∗∗ | (0.082) |
| N | 390 | 333 | 207 | 390 |
| *R*2 0.904 | | 0.912 | 0.868 | 0.867 |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "Area *j* " indicates the j-th lag of the average area (in cm2) of all the news in a month, normalized using the size of a total page (1.036 cm2). The coefficients of the Area variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calculated by clusters for each of the three categories in the Age pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%, \*\*\* significant at 1%.

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**Table A12:** Gender Panel: Only Area

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Overall Employment | Overall Income | Formal Employment | Formal Income |
|  | (1) | (2) | (3) | (4) |
| Area | 0.002 | -0.003 | -0.005 | -0.014 |
|  | (0.0009)∗∗ | (0.007) | (0.009) | (0.002)∗∗∗ |
| Area-1 | -0.0009 | -0.012 | -0.007 | -0.005 |
|  | (0.0006) | (0.005)∗∗ | (0.007) | (0.002)∗∗∗ |
| Area-2 | 0.0009 | -0.014 | -0.008 | -0.006 |
|  | (0.002) | (0.004)∗∗∗ | (0.006) | (0.002)∗∗ |
| Area-3 | -0.0008 | -0.025 | -0.039 | -0.007 |
|  | (0.003) | (0.002)∗∗∗ | (0.008)∗∗∗ | (0.011) |
| Elections | -0.008 | -0.013 | -0.051 | -0.003 |
|  | (0.003)∗∗∗ | (0.006)∗∗ | (0.018)∗∗∗ | (0.013) |
| GDP | 0.0001 | 0.001 | 0.002 | 0.001 |
|  | (0.0002) | (0.0002)∗∗∗ | (0.0004)∗∗∗ | (0.0001)∗∗∗ |
| Universities | 0.001  (0.0002)∗∗∗ | 0.003  (0.0007)∗∗∗ | 0.007  (0.002)∗∗∗ | 0.002  (0.0001)∗∗∗ |
| Population | 0.109 | 0.189 | 0.074 | 0.187 |
|  | (0.008)∗∗∗ | (0.036)∗∗∗ | (0.085) | (0.021)∗∗∗ |
| N | 260 | 222 | 138 | 260 |
| *R*2 0.941 | | 0.957 | 0.944 | 0.932 |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "Area *j* " indicates the j-th lag of the average area (in cm2) of all the news in a month, normalized using the size of a total page (1.036 cm2). The coefficients of the Area variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calculated by clusters for each of the two categories in the Gender pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%, \*\*\* significant at 1%.

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**Table A13:** Education Panel: Area and Page

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Overall Employment | | Overall Income | Formal Employment | Formal Income |
| (1) | | (2) | (3) | (4) |
| Area -0.021 | | -0.023 | -0.058 | -0.014 |
| (0.003)∗∗∗ | | (0.003)∗∗∗ | (0.024)∗∗ | (0.01) |
| Area-1 -0.025 | | -0.022 | -0.052 | -0.012 |
| (0.003)∗∗∗ | | (0.011)∗ | (0.022)∗∗ | (0.012) |
| Area-2 -0.012 | | -0.027 | -0.043 | -0.020 |
| (0.004)∗∗∗ | | (0.01)∗∗∗ | (0.018)∗∗ | (0.008)∗∗ |
| Area-3 -0.007 | | -0.036 | -0.053 | -0.003 |
| (0.007) | | (0.004)∗∗∗ | (0.016)∗∗∗ | (0.009) |
| Area × Page 0.053 | | 0.023 | 0.081 | 0.034 |
| (0.019)∗∗∗ | | (0.006)∗∗∗ | (0.053) | (0.027) |
| Area-1 × Page-1 | 0.059  (0.015)∗∗∗ | 0.031  (0.026) | 0.07  (0.045) | 0.045  (0.023)∗∗ |
| Area-2 × Page-2 | 0.039  (0.009)∗∗∗ | 0.063  (0.023)∗∗∗ | 0.082  (0.041)∗∗ | 0.049  (0.018)∗∗∗ |
| Area-3 × Page-3 | 0.022  (0.011)∗∗ | 0.033  (0.011)∗∗∗ | 0.052  (0.033) | 0.024  (0.018) |
| Elections | 0.004  (0.011) | -0.019  (0.013) | -0.062  (0.019)∗∗∗ | -0.005  (0.006) |
| GDP | 0.0003  (0.0004) | 0.0008  (0.0001)∗∗∗ | 0.0008  (0.0004)∗∗ | 0.0003  (0.0002)∗ |
| Universities | 0.0004  (0.001) | 0.004  (0.0008)∗∗∗ | 0.005  (0.001)∗∗∗ | 0.001  (0.0008)∗ |
| Population | 0.057  (0.054) | 0.082  (0.014)∗∗∗ | 0.064  (0.073) | 0.118  (0.016)∗∗∗ |
| N  *R*2 | 484  0.390 | 444  0.902 | 464  0.690 | 464  0.891 |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "Area *j* " indicates the j-th lag of the average area (in cm2) of all the news in a month, normalized using the size of a total page (1.036 cm2). Similarly, "Page *j* " indicates the j-th lag of the average page (in cm2) where all news of a month were located, normalized using the number of pages of Gestion Newspaper (35 pages). The coefficients of the Area and Page variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calcu- lated by clusters for each of the four categories in the Education pseudopanel are reported in parentheses,\* significant at 10%,

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\*\* significant at 5%, \*\*\* significant at 1%.

**Table A14:** Age Panel: Area and Page

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Overall Employment | | Overall Income | Formal Employment | Formal Income |
| (1) | | (2) | (3) | (4) |
| Area -0.022 | | -0.028 | -0.076 | -0.018 |
| (0.004)∗∗∗ | | (0.009)∗∗∗ | (0.026)∗∗∗ | (0.002)∗∗∗ |
| Area-1 -0.019 | | -0.025 | -0.043 | -0.008 |
| (0.004)∗∗∗ | | (0.008)∗∗∗ | (0.02)∗∗ | (0.009) |
| Area-2 -0.004 | | -0.013 | -0.006 | 0.003 |
| (0.011) | | (0.011) | (0.007) | (0.007) |
| Area-3 -0.003 | | -0.011 | -0.016 | 0.022 |
| (0.01) | | (0.005)∗∗ | (0.004)∗∗∗ | (0.012)∗ |
| Area × Page 0.053 | | 0.027 | 0.087 | -0.004 |
| (0.008)∗∗∗ | | (0.027) | (0.038)∗∗ | (0.015) |
| Area-1 × Page-1 | 0.044  (0.005)∗∗∗ | -0.005  (0.022) | 0.0006  (0.018) | -0.024  (0.008)∗∗∗ |
| Area-2 × Page-2 | 0.021  (0.014) | -0.018  (0.02) | -0.019  (0.012) | -0.032  (0.005)∗∗∗ |
| Area-3 × Page-3 | 0.008  (0.011) | -0.054  (0.012)∗∗∗ | -0.060  (0.01)∗∗∗ | -0.051  (0.007)∗∗∗ |
| Elections | -0.008  (0.0005)∗∗∗ | -0.017  (0.01)∗ | -0.082  (0.008)∗∗∗ | 0.00008  (0.006) |
| GDP | 0.0003  (0.0002) | 0.002  (0.0003)∗∗∗ | 0.003  (0.001)∗∗ | 0.002  (0.0006)∗∗∗ |
| Universities | 0.002  (0.0003)∗∗∗ | 0.007  (0.0009)∗∗∗ | 0.013  (0.002)∗∗∗ | 0.005  (0.002)∗∗ |
| Population | 0.129  (0.008)∗∗∗ | 0.016  (0.04) | -0.187  (0.106)∗ | 0.112  (0.082) |
| N  *R*2 | 390  0.909 | 333  0.912 | 390  0.853 | 390  0.868 |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "Area *j* " indicates the j-th lag of the average area (in cm2) of all the news in a month, normalized using the size of a total page (1.036 cm2). Similarly, "Page *j* " indicates the j-th lag of the average page (in cm2) where all news of a month were located, normalized using the number of pages of Gestion Newspaper (35 pages). The coefficients of the Area and Page variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calculated by clusters for each of the three categories in the Age pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%, \*\*\* significant at 1%.

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**Table A15:** Gender Panel: Area and Page

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Overall Employment | | Overall Income | Formal Employment | Formal Income |
| (1) | | (2) | (3) | (4) |
| Area -0.022 | | -0.026 | -0.071 | -0.015 |
| (0.008)∗∗∗ | | (0.002)∗∗∗ | (0.01)∗∗∗ | (0.018) |
| Area-1 -0.020 | | -0.028 | -0.046 | 0.001 |
| (0.006)∗∗∗ | | (0.003)∗∗∗ | (0.01)∗∗∗ | (0.022) |
| Area-2 -0.010 | | -0.028 | -0.038 | -0.0002 |
| (0.005)∗ | | (0.014)∗ | (0.002)∗∗∗ | (0.014) |
| Area-3 -0.009 | | -0.031 | -0.054 | 0.005 |
| (0.005)∗ | | (0.01)∗∗∗ | (0.009)∗∗∗ | (0.005) |
| Area × Page 0.055 | | 0.052 | 0.103 | 0.007 |
| (0.019)∗∗∗ | | (0.006)∗∗∗ | (0.02)∗∗∗ | (0.043) |
| Area-1 × Page-1 | 0.049  (0.018)∗∗∗ | 0.041  (0.02)∗∗ | 0.048  (0.018)∗∗∗ | -0.015  (0.051) |
| Area-2 × Page-2 | 0.031  (0.01)∗∗∗ | 0.043  (0.029) | 0.05  (0.009)∗∗∗ | -0.014  (0.034) |
| Area-3 × Page-3 | 0.017  (0.005)∗∗∗ | 0.017  (0.024) | 0.012  (0.014) | -0.035  (0.014)∗∗ |
| Elections | -0.007  (0.003)∗∗ | -0.012  (0.005)∗∗ | -0.070  (0.005)∗∗∗ | -0.004  (0.014) |
| GDP | 0.0001  (0.0002) | 0.001  (0.0001)∗∗∗ | 0.001  (0.0002)∗∗∗ | 0.001  (0.0001)∗∗∗ |
| Universities | 0.0009  (0.0001)∗∗∗ | 0.003  (0.0007)∗∗∗ | 0.006  (0.0008)∗∗∗ | 0.002  (0.00006)∗∗∗ |
| Population | 0.116  (0.011)∗∗∗ | 0.198  (0.044)∗∗∗ | 0.135  (0.039)∗∗∗ | 0.184  (0.015)∗∗∗ |
| N  *R*2 | 260  0.948 | 222  0.958 | 260  0.959 | 260  0.932 |

*Note*: All dependent variables (employment and income) are in logarithms. The notation "Area *j* " indicates the j-th lag of the average area (in cm2) of all the news in a month, normalized using the size of a total page (1.036 cm2). Similarly, "Page *j* " indicates the j-th lag of the average page (in cm2) where all news of a month were located, normalized using the number of pages of Gestion Newspaper (35 pages). The coefficients of the Area and Page variables have already been multiplied by 100, so they can be read as a percentage. All columns include dummies for month of the year. Robust standard errors calcu- lated by clusters for each of the two categories in the Gender pseudopanel are reported in parentheses,\* significant at 10%, \*\* significant at 5%, \*\*\* significant at 1%.

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