

Table 1: Baseline estimate, SO2 emission reduction, policy mandate, individual sector Cultural measurement instruments

|  | Dependent variable: SO2 emission |                    |                      |                     |                   |                      |
|--|----------------------------------|--------------------|----------------------|---------------------|-------------------|----------------------|
|  | (1)                              | (2)                | (3)                  | (4)                 | (5)               | (6)                  |
| working capital <sub>cit</sub>   | -0.481<br>(1.194)                |                    |                      |                     |                   |                      |
| current ratio <sub>cit</sub>   |                                  | 0.053<br>(0.088)   |                      |                     |                   |                      |
| cash assets <sub>cit</sub>   |                                  |                    | 3.730<br>(3.837)     |                     |                   |                      |
| liabilities assets <sub>cit</sub>  |                                  |                    |                      | 3.476<br>(4.652)    |                   |                      |
| return on asset <sub>cit</sub>   |                                  |                    |                      |                     | -0.007<br>(0.193) |                      |
| sales assets <sub>cit</sub>  |                                  |                    |                      |                     |                   | -0.001<br>(0.0005)   |
| output <sub>cit</sub>  | -0.065<br>(0.083)                | -0.001<br>(0.026)  | -0.137<br>(0.117)    | -0.111<br>(0.108)   | -0.080<br>(0.080) | -0.003<br>(0.025)    |
| employment <sub>cit</sub>  | 0.063<br>(0.064)                 | 0.015<br>(0.020)   | 0.137<br>(0.131)     | 0.123<br>(0.126)    | 0.096*<br>(0.057) | 0.014<br>(0.019)     |
| capital <sub>cit</sub>   | -0.060<br>(0.164)                | 0.021<br>(0.038)   | -0.158<br>(0.255)    | -0.034<br>(0.240)   | -0.205<br>(0.207) | 0.023<br>(0.033)     |
| period × policy mandate <sub>c</sub>                                     | 2.267**<br>(0.987)               | -2.005<br>(2.188)  | 10.716**<br>(4.453)  | -1.918<br>(5.237)   | -1.923<br>(1.488) | 1.439<br>(0.886)     |
| period × working capital <sub>cit</sub>                                  | 0.184<br>(0.337)                 |                    |                      |                     |                   |                      |
| policy mandate <sub>c</sub> × working capital <sub>cit</sub>             | 1.669<br>(1.742)                 |                    |                      |                     |                   |                      |
| period × policy mandate <sub>c</sub> × working capital <sub>cit</sub>    | -0.890**<br>(0.445)              |                    |                      |                     |                   |                      |
| period × current ratio <sub>cit</sub>                                    |                                  | -0.992*<br>(0.509) |                      |                     |                   |                      |
| policy mandate <sub>c</sub> × current ratio <sub>cit</sub>               |                                  | 0.084<br>(0.235)   |                      |                     |                   |                      |
| period × policy mandate <sub>c</sub> × current ratio <sub>cit</sub>      |                                  | 2.422<br>(1.515)   |                      |                     |                   |                      |
| period × cash assets <sub>cit</sub>                                      |                                  |                    | -8.567***<br>(2.928) |                     |                   |                      |
| policy mandate <sub>c</sub> × cash assets <sub>cit</sub>                 |                                  |                    | -27.607<br>(19.421)  |                     |                   |                      |
| period × policy mandate <sub>c</sub> × cash assets <sub>cit</sub>        |                                  |                    | 36.285**<br>(15.712) |                     |                   |                      |
| period × liabilities assets <sub>cit</sub>                               |                                  |                    |                      | 1.691<br>(1.967)    |                   |                      |
| policy mandate <sub>c</sub> × liabilities assets <sub>cit</sub>          |                                  |                    |                      | -10.599<br>(25.543) |                   |                      |
| period × policy mandate <sub>c</sub> × liabilities assets <sub>cit</sub> |                                  |                    |                      | 4.661<br>(7.762)    |                   |                      |
| period × return on asset <sub>cit</sub>                                  |                                  |                    |                      |                     | -0.542<br>(0.334) |                      |
| policy mandate <sub>c</sub> × return on asset <sub>cit</sub>             |                                  |                    |                      |                     | 0.034<br>(0.569)  |                      |
| period × policy mandate <sub>c</sub> × return on asset <sub>cit</sub>    |                                  |                    |                      |                     | 1.578<br>(0.985)  |                      |
| period × sales assets <sub>cit</sub>                                     |                                  |                    |                      |                     |                   | 0.001<br>(0.0005)    |
| policy mandate <sub>c</sub> × sales assets <sub>cit</sub>                |                                  |                    |                      |                     |                   | 0.006***<br>(0.001)  |
| period × policy mandate <sub>c</sub> × sales assets <sub>cit</sub>       |                                  |                    |                      |                     |                   | -0.008***<br>(0.002) |
| City   | Yes                              | Yes                | Yes                  | Yes                 | Yes               | Yes                  |
| Time   | Yes                              | Yes                | Yes                  | Yes                 | Yes               | Yes                  |
| Observations   | 247                              | 513                | 177                  | 177                 | 246               | 411                  |
| R <sup>2</sup>   | 0.686                            | 0.677              | 0.714                | 0.717               | 0.691             | 0.679                |

This table estimates eq(3). Heteroskedasticity-robust standard errors clustered at the city level appear in parentheses. \* Significance at the 10%, \*\* Significance at the 5%, \*\*\* Significance at the 1%.