

Code documentation

César Garro-Marín*

July 19, 2022

1 New approach (v2):

1.1 Model equations

At the job level it holds that:

$$\Delta \ln \overline{S_{ijet}^e} + \hat{\pi}_{ijt} = \sum_k \theta_k^e \overline{S_{kejt}} \hat{\pi}_{kjt} \quad (1)$$

Instruments

- **Option 1:** instrumenting $\overline{S_{keJt}} \hat{\pi}_{kJT}$ with $\overline{S_{keJt-1}} \hat{\pi}_{kJt-1}$.

First stage driven by correlation of $\hat{\pi}_{kJt}$

	(1) Manual	(2) Social	(3) Routine	(4) fs_abstract_1
z_e_manual_1	0.83*** (0.01)	0.01** (0.00)	0.04*** (0.01)	0.00 (.)
z_e_social_1	0.10*** (0.01)	0.88*** (0.01)	-0.07*** (0.01)	0.00 (.)
z_e_routine_1	0.07*** (0.01)	0.06*** (0.00)	0.88*** (0.01)	0.00 (.)
F	3057.05	2211.51	1392.44	.
r2	0.87	0.83	0.76	.
N	3948.00	3948.00	3948.00	3948.00

Standard errors in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

*Boston University, email: cesarlgm@bu.edu

	(1) Manual	(2) Social	(3) Routine	(4) fs_abstract_2
z_e_manual_2	0.85*** (0.01)	0.01 (0.00)	0.03*** (0.01)	0.00 (.)
z_e_social_2	0.04*** (0.01)	0.88*** (0.01)	0.01 (0.01)	0.00 (.)
z_e_routine_2	0.06*** (0.01)	0.03*** (0.01)	0.88*** (0.01)	0.00 (.)
F	2651.94	4303.75	2094.74	.
r2	0.86	0.91	0.83	.
N	3948.00	3948.00	3948.00	3948.00

Standard errors in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

	(1) Manual	(2) Social	(3) Routine	(4) fs_abstract_3
z_e_manual_3	0.76*** (0.01)	-0.00 (0.00)	-0.04*** (0.01)	0.00 (.)
z_e_social_3	0.03* (0.01)	0.99*** (0.00)	0.02* (0.01)	0.00 (.)
z_e_routine_3	0.11*** (0.02)	0.03*** (0.00)	0.95*** (0.01)	0.00 (.)
F	473.17	13497.79	1297.97	.
r2	0.52	0.97	0.75	.
N	3948.00	3948.00	3948.00	3948.00

Standard errors in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$