Appendices

| sw_p | | R-squared | 1 : | 0.094 | | |
|-------------------------|---|---|---|---|---|--|
| $\overline{\text{OLS}}$ | | Adj. R-squared: | | 0.09 | 0.094 | |
| Least Squares | | F-statistic: | | 445.1 | | |
| Tue, 21 Dec 2021 | | Prob (F-statistic): | | 3.77e-275 | | |
| 12:20:17 | | Log-Likelihood: | | -1546.4 | | |
| 12875 | | AIC: | | 3101. | | |
| 12871 | | BIC: | | 3131. | | |
| 3 | | | | | | |
| coef | std err | t | P> t | [0.025 | 0.975] | |
| -0.0674 | 0.027 | -2.487 | 0.013 | -0.120 | -0.014 | |
| $\mathbf{RE} = 0.0083$ | 0.002 | 3.626 | 0.000 | 0.004 | 0.013 | |
| 0.0306 | 0.001 | 23.294 | 0.000 | 0.028 | 0.033 | |
| -0.1466 | 0.005 | -29.261 | 0.000 | -0.156 | -0.137 | |
| 5961.604 | 5961.604 Durbin-Watson: 2.326 | | | | | |
| 0.000 | Jarque-Bera (JB): 23918.430 | | | | | |
| 2.391 | $\mathbf{Prob}(\mathbf{JB}): \qquad 0.00$ | | | | | |
| 7.661 | Cond | . No. | | 140. | | |
| | OLS Least Squa Tue, 21 Dec 12:20:17 12875 12871 3 coef -0.0674 8E 0.0083 0.0306 -0.1466 5961.604 0: 0.000 2.391 | OLS Least Squares Tue, 21 Dec 2021 12:20:17 12875 12871 3 coef std err -0.0674 0.027 8E 0.0083 0.002 0.0306 0.001 -0.1466 0.005 5961.604 Durbi 0: 0.000 Jarqu 2.391 Prob(| OLS Adj. R-sq. Least Squares F-statistic Tue, 21 Dec 2021 Prob (F-s 12:20:17 Log-Likeli 12875 AIC: 12871 BIC: 3 coef std err t -0.0674 0.027 -2.487 AE 0.0083 0.002 3.626 0.0306 0.001 23.294 -0.1466 0.005 -29.261 5961.604 Durbin-Watsor 0: 0.000 Jarque-Bera (J. 2.391 Prob(JB): | OLS Adj. R-squared: Least Squares F-statistic: Tue, 21 Dec 2021 Prob (F-statistic): 12:20:17 Log-Likelihood: 12875 AIC: 12871 BIC: 3 coef std err t P> t -0.0674 0.027 -2.487 0.013 EE 0.0083 0.002 3.626 0.000 0.0306 0.001 23.294 0.000 -0.1466 0.005 -29.261 0.000 5961.604 Durbin-Watson: 0: 0.000 Jarque-Bera (JB): 23 2.391 Prob(JB): | OLS Adj. R-squared: 0.09 Least Squares F-statistic: 445 Tue, 21 Dec 2021 Prob (F-statistic): 3.77e- 12:20:17 Log-Likelihood: -1546 12875 AIC: 310 12871 BIC: 313 3 coef std err t P> t [0.025 -0.0674 0.027 -2.487 0.013 -0.120 AE 0.0083 0.002 3.626 0.000 0.004 0.0306 0.001 23.294 0.000 0.028 -0.1466 0.005 -29.261 0.000 -0.156 5961.604 Durbin-Watson: 2.326 0: 0.000 Jarque-Bera (JB): 23918.430 2.391 Prob(JB): 0.00 | |

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

| Dep. Variable: | sw_p | R-sc | R-squared: | | 0.094 | |
|-----------------------------------|-------------------|----------------------|-----------------|-----------|-----------|--------|
| Model: | OLS | Adj | Adj. R-squared: | | 0.094 | |
| Method: | Least Square | $\mathbf{F-st}$ | F-statistic: | | | |
| Date: | Tue, 21 Dec 2 | 021 Pro l | Prob (F-statis | | 1.14e-273 | |
| Time: | 12:20:17 | Log- | Log-Likelihood: | | | |
| No. Observations: | 12875 AIC: | | | 3099. | | |
| Df Residuals: | 12869 | 12869 BIC: | | | 3144. | |
| Df Model: | 5 | | | | | |
| | coef | std err | t | P> t | [0.025 | 0.975] |
| Intercept | 0.0347 | 0.053 | 0.655 | 0.513 | -0.069 | 0.138 |
| $\log_contributions_FIRI$ | E -4.741e-05 | 0.004 | -0.011 | 0.991 | -0.009 | 0.009 |
| $\overline{\text{mov}}$ _past | -0.0023 | 0.001 | -2.094 | 0.036 | -0.004 | -0.000 |
| ${ m mov_contr_int}$ | 0.0002 | 9.42e-05 | 1.990 | 0.047 | 2.82e-06 | 0.000 |
| $\operatorname{bill_complexity}$ | 0.0306 | 0.001 | 23.301 | 0.000 | 0.028 | 0.033 |
| tight | -0.1467 | 0.005 | -29.283 | 0.000 | -0.157 | -0.137 |
| Omnibus: | 5957.868 | Durbin-V | Vatson: | 2.3 | 327 | |
| Prob(Omnibus): | 0.000 | Jarque-Bera (JB): | | 23882.919 | | |
| Skew: | 2.389 | Prob(JB) | : | 0. | 00 | |
| Kurtosis: | 7.656 | Cond. No | 1.20 | e+04 | | |
| | | | | | | |

Notes:

- [1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
- [2] The condition number is large, 1.2e+04. This might indicate that there are strong multicollinearity or other numerical problems.

| Dep. Variable: | sw_p | | R-sq | uared: | | 0.113 |
|------------------------|-----------------------|-----------------------------------|---|-----------|---------|-----------|
| Model: | | OLS . | | R-squar | ed: | 0.113 |
| Method: | Least Squares | | F-sta | tistic: | | 334.6 |
| Date: | Tue, 2 | e, 21 Dec 2021 Prob (F-sta | | (F-stat | istic): | 1.61e-204 |
| Time: | 12:20:17 | | $\operatorname{Log-I}$ | Likelihoo | od: | -1466.4 |
| No. Observations: | 7892 | | AIC: | | | 2941. |
| Df Residuals: | 7888 | | BIC: | BIC: | | 2969. |
| Df Model: | | 3 | | | | |
| | \mathbf{coef} | std err | t | P> t | [0.025 | 0.975] |
| Intercept | -0.0180 | 0.010 | -1.760 | 0.078 | -0.038 | 0.002 |
| ${\bf congruence_dc}$ | 0.0384 | 0.014 | 2.724 | 0.006 | 0.011 | 0.066 |
| bill_complexity | 0.0432 | 0.002 | 22.356 | 0.000 | 0.039 | 0.047 |
| tight | -0.1396 | 0.007 | -19.690 | 0.000 | -0.154 | -0.126 |
| Omnibus: | 292 | 0.422 D | urbin-W | atson: | 2.3 | 384 |
| Prob(Omnibu | \mathbf{s}): 0 . | 000 J : | arque-Be | era (JB) | : 8395 | 5.412 |
| Skew: | 2. | 014 P | $\operatorname{rob}(\operatorname{JB})$ | : | 0. | 00 |
| Kurtosis: | 6. | 051 C | Cond. No. 19.6 | | | 0.6 |
| | | | | | | |

Notes:

^[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

References