

|                          |                  |                            |          |
|--------------------------|------------------|----------------------------|----------|
| <b>Dep. Variable:</b>    | sw_p             | <b>R-squared:</b>          | 0.041    |
| <b>Model:</b>            | OLS              | <b>Adj. R-squared:</b>     | 0.040    |
| <b>Method:</b>           | Least Squares    | <b>F-statistic:</b>        | 36.02    |
| <b>Date:</b>             | Tue, 07 Dec 2021 | <b>Prob (F-statistic):</b> | 8.69e-23 |
| <b>Time:</b>             | 11:25:53         | <b>Log-Likelihood:</b>     | -1571.9  |
| <b>No. Observations:</b> | 2517             | <b>AIC:</b>                | 3152.    |
| <b>Df Residuals:</b>     | 2513             | <b>BIC:</b>                | 3175.    |
| <b>Df Model:</b>         | 3                |                            |          |

|                               | coef      | std err                  | t        | P>  t | [0.025 | 0.975] |
|-------------------------------|-----------|--------------------------|----------|-------|--------|--------|
| <b>Intercept</b>              | 0.1605    | 0.112                    | 1.433    | 0.152 | -0.059 | 0.380  |
| <b>log_contributions_FIRE</b> | 0.0003    | 0.009                    | 0.038    | 0.970 | -0.018 | 0.019  |
| <b>bill_complexity</b>        | 0.0366    | 0.007                    | 4.914    | 0.000 | 0.022  | 0.051  |
| <b>tight</b>                  | -0.2957   | 0.037                    | -8.062   | 0.000 | -0.368 | -0.224 |
| <b>Omnibus:</b>               | 15281.772 | <b>Durbin-Watson:</b>    | 1.988    |       |        |        |
| <b>Prob(Omnibus):</b>         | 0.000     | <b>Jarque-Bera (JB):</b> | 417.791  |       |        |        |
| <b>Skew:</b>                  | 0.746     | <b>Prob(JB):</b>         | 1.90e-91 |       |        |        |
| <b>Kurtosis:</b>              | 1.675     | <b>Cond. No.</b>         | 157.     |       |        |        |

Notes:

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

|                          |                  |                            |          |
|--------------------------|------------------|----------------------------|----------|
| <b>Dep. Variable:</b>    | sw_p             | <b>R-squared:</b>          | 0.044    |
| <b>Model:</b>            | OLS              | <b>Adj. R-squared:</b>     | 0.042    |
| <b>Method:</b>           | Least Squares    | <b>F-statistic:</b>        | 23.22    |
| <b>Date:</b>             | Tue, 07 Dec 2021 | <b>Prob (F-statistic):</b> | 7.18e-23 |
| <b>Time:</b>             | 11:25:53         | <b>Log-Likelihood:</b>     | -1568.0  |
| <b>No. Observations:</b> | 2517             | <b>AIC:</b>                | 3148.    |
| <b>Df Residuals:</b>     | 2511             | <b>BIC:</b>                | 3183.    |
| <b>Df Model:</b>         | 5                |                            |          |

|                               | coef      | std err                  | t        | P>  t | [0.025 | 0.975] |
|-------------------------------|-----------|--------------------------|----------|-------|--------|--------|
| <b>Intercept</b>              | -0.2626   | 0.218                    | -1.203   | 0.229 | -0.691 | 0.165  |
| <b>log_contributions_FIRE</b> | 0.0375    | 0.018                    | 2.073    | 0.038 | 0.002  | 0.073  |
| <b>mov_past</b>               | 0.0112    | 0.004                    | 2.502    | 0.012 | 0.002  | 0.020  |
| <b>mov_contr_int</b>          | -0.0010   | 0.000                    | -2.602   | 0.009 | -0.002 | -0.000 |
| <b>bill_complexity</b>        | 0.0365    | 0.007                    | 4.902    | 0.000 | 0.022  | 0.051  |
| <b>tight</b>                  | -0.2966   | 0.037                    | -8.090   | 0.000 | -0.368 | -0.225 |
| <b>Omnibus:</b>               | 11595.112 | <b>Durbin-Watson:</b>    | 1.988    |       |        |        |
| <b>Prob(Omnibus):</b>         | 0.000     | <b>Jarque-Bera (JB):</b> | 413.538  |       |        |        |
| <b>Skew:</b>                  | 0.743     | <b>Prob(JB):</b>         | 1.59e-90 |       |        |        |
| <b>Kurtosis:</b>              | 1.683     | <b>Cond. No.</b>         | 1.32e+04 |       |        |        |

Notes:

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

[2] The condition number is large, 1.32e+04. This might indicate that there are strong multicollinearity or other numerical problems.

|                          |                  |                            |          |
|--------------------------|------------------|----------------------------|----------|
| <b>Dep. Variable:</b>    | sw_p             | <b>R-squared:</b>          | 0.050    |
| <b>Model:</b>            | OLS              | <b>Adj. R-squared:</b>     | 0.049    |
| <b>Method:</b>           | Least Squares    | <b>F-statistic:</b>        | 33.53    |
| <b>Date:</b>             | Tue, 07 Dec 2021 | <b>Prob (F-statistic):</b> | 4.13e-21 |
| <b>Time:</b>             | 11:25:53         | <b>Log-Likelihood:</b>     | -1256.1  |
| <b>No. Observations:</b> | 1899             | <b>AIC:</b>                | 2520.    |
| <b>Df Residuals:</b>     | 1895             | <b>BIC:</b>                | 2542.    |
| <b>Df Model:</b>         | 3                |                            |          |

  

|                        | coef    | std err | t      | P> t  | [0.025 | 0.975] |
|------------------------|---------|---------|--------|-------|--------|--------|
| <b>Intercept</b>       | 0.2906  | 0.040   | 7.324  | 0.000 | 0.213  | 0.368  |
| <b>congruence_dc</b>   | -0.1156 | 0.048   | -2.396 | 0.017 | -0.210 | -0.021 |
| <b>bill_complexity</b> | 0.0334  | 0.009   | 3.822  | 0.000 | 0.016  | 0.051  |
| <b>tight</b>           | -0.3824 | 0.044   | -8.779 | 0.000 | -0.468 | -0.297 |

  

|                       |          |                          |          |
|-----------------------|----------|--------------------------|----------|
| <b>Omnibus:</b>       | 8991.382 | <b>Durbin-Watson:</b>    | 1.939    |
| <b>Prob(Omnibus):</b> | 0.000    | <b>Jarque-Bera (JB):</b> | 289.411  |
| <b>Skew:</b>          | 0.460    | <b>Prob(JB):</b>         | 1.43e-63 |
| <b>Kurtosis:</b>      | 1.323    | <b>Cond. No.</b>         | 22.6     |

Notes:

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