| Dep. Variable:              | sw_p                    |                   | R-squared: |          | 0.039                |        |
|-----------------------------|-------------------------|-------------------|------------|----------|----------------------|--------|
| Model:                      | $\overline{\text{OLS}}$ |                   | Adj. R-s   | quared   | : 0.038              |        |
| Method:                     | Least Squares           |                   | F-statist  | ic:      | 34.19                |        |
| Date:                       | Tue, 30 Nov 2021        |                   | Prob (F-   | statisti | <b>c</b> ): 1.19e-21 |        |
| Time:                       | 14:53:11                |                   | Log-Like   | lihood:  | -1632.7              |        |
| No. Observations:           | 2517                    |                   | AIC:       |          | 3273.                |        |
| Df Residuals:               | 2513                    |                   | BIC:       |          | 3297.                |        |
| Df Model:                   | 3                       |                   |            |          |                      |        |
|                             | coef                    | std err           | · t        | P> t     | [0.025               | 0.975] |
| Intercept                   | 0.2290                  | 0.115             | 1.995      | 0.046    | 0.004                | 0.454  |
| $\log\_contributions\_FIRE$ | 0.0033                  | 0.010             | 0.350      | 0.726    | -0.015               | 0.022  |
| ${\it bill\_complexity}$    | 0.0204                  | 0.008             | 2.670      | 0.008    | 0.005                | 0.035  |
| $\operatorname{tight}$      | -0.3406                 | 0.038             | -9.066     | 0.000    | -0.414               | -0.267 |
| Omnibus:                    | 14413.723               | Durbin-Watson:    |            |          | 1.885                |        |
| Prob(Omnibus):              | 0.000                   | Jarque-Bera (JB): |            |          | 404.919              |        |
| Skew:                       | 0.603                   | Prob(JB):         |            |          | 1.18e-88             |        |
| Kurtosis:                   | 1.449                   | Cond              | d. No.     |          | 157.                 | _      |

Notes:

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

| Dep. Variable:                      | $sw_p$               |                           | R-square        | ed:      | 0.043         |        |
|-------------------------------------|----------------------|---------------------------|-----------------|----------|---------------|--------|
| Model:                              | $\overline{\rm OLS}$ |                           | Adj. R-squared  |          | 0.041         |        |
| Method:                             | Least Squares        |                           | F-statistic:    |          | 22.51         |        |
| Date:                               | ue, 30 Nov 2021      |                           | Prob (F-        | statisti | ic): 3.82e-22 |        |
| Time:                               | 14:53:11             |                           | Log-Likelihood: |          | -1627.9       |        |
| No. Observations:                   | 2517                 |                           | AIC:            |          | 3268.         |        |
| Df Residuals:                       | 2511                 |                           | BIC:            |          | 3303.         |        |
| Df Model:                           | 5                    |                           |                 |          |               |        |
|                                     | coef                 | std err                   | t               | P> t     | [0.025        | 0.975] |
| Intercept                           | -0.2967              | 0.224                     | -1.327          | 0.185    | -0.735        | 0.142  |
| $\log\_contributions\_FIRE$         | 0.0488               | 0.019                     | 2.632           | 0.009    | 0.012         | 0.085  |
| $mov\_past$                         | 0.0135               | 0.005                     | 2.946           | 0.003    | 0.005         | 0.022  |
| ${ m mov\_contr\_int}$              | -0.0012              | 0.000                     | -3.023          | 0.003    | -0.002        | -0.000 |
| ${\it bill\_complexity}$            | 0.0203               | 0.008                     | 2.666           | 0.008    | 0.005         | 0.035  |
| $\operatorname{tight}$              | -0.3422              | 0.038                     | -9.117          | 0.000    | -0.416        | -0.269 |
| Omnibus:                            | 14833.066            | Durbin-Watson:            |                 |          | 1.886         |        |
| $\mathbf{Prob}(\mathbf{Omnibus})$ : | 0.000                | Jarqu                     | ıe-Bera (       | JB):     | 399.670       |        |
| Skew:                               | 0.601                | <b>Prob(JB):</b> 1.63e-87 |                 |          | 1.63e-87      |        |
| Kurtosis:                           | 1.463                | Cond                      | . No.           |          | 1.32e+04      | _      |

Notes:

<sup>[1]</sup> 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.

| Dep. Variable:        | s               | $sw_p$                   |                      | R-squared:                |          | 0.046    |
|-----------------------|-----------------|--------------------------|----------------------|---------------------------|----------|----------|
| Model:                | OLS             |                          | $\operatorname{Adj}$ | . R-squa                  | ared:    | 0.044    |
| Method:               | Least           | Least Squares            |                      | atistic:                  |          | 28.44    |
| Date:                 | Tue, 30         | Tue, 30 Nov 2021         |                      | b (F-sta                  | tistic): | 5.85e-18 |
| Time:                 | 14              | 14:53:12                 |                      | -Likelih                  | ood:     | -1169.9  |
| No. Observations      | :               | 1774                     |                      | <b>:</b> :                |          | 2348.    |
| <b>Df Residuals:</b>  |                 | 1770                     |                      | <b>:</b> :                |          | 2370.    |
| Df Model:             |                 | 3                        |                      |                           |          |          |
|                       | $\mathbf{coef}$ | $\operatorname{std}$ err | t                    | $\mathbf{P}> \mathbf{t} $ | [0.025]  | 0.975]   |
| Intercept             | 0.2349          | 0.046                    | 5.056                | 0.000                     | 0.144    | 0.326    |
| ${ m congruence\_dc}$ | -0.0031         | 0.049                    | -0.063               | 0.950                     | -0.099   | 0.093    |
| bill_complexity       | 0.0332          | 0.009                    | 3.646                | 0.000                     | 0.015    | 0.051    |
| ${f tight}$           | -0.3527         | 0.046                    | -7.673               | 0.000                     | -0.443   | -0.263   |
| Omnibus:              | 881             | 1.624 D                  | urbin-V              | Vatson:                   | 1.9      | 903      |
| Prob(Omnibu           | ıs): 0.0        | 000 Ja                   | arque-B              | era (JB                   | ): 274   | .469     |
| Skew:                 | 0               | 501 <b>P</b>             | rob(JB)              | <b>)</b> :                | 2.51     | e-60     |
| Kurtosis:             | 1.3             | 355 C                    | ond. No              | 0.                        | 25       | 5.0      |

## Notes:

 $<sup>[1] \</sup> Standard \ Errors \ assume \ that \ the \ covariance \ matrix \ of \ the \ errors \ is \ correctly \ specified.$