Internet Control and Disinformation Across Regime Types During and After the Covid-19 Crisis

Appendix

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Appendix A

Freedom on the Net Reports

1.1 Bivariate distribution of FOTN and EIU scores 2023

Bivariate distribution FOTN and EIU scores

```
Call:
lm(formula = fotn_2023 ~ democracy_index + regime, data = df)

Residuals:
     Min       1Q   Median       3Q      Max
-25.3982  -5.5228   0.4935   7.4431  19.3853

Coefficients:
                       Estimate Std. Error t value Pr(>|t|)
(Intercept)              3.8919     5.6845   0.685    0.496
democracy_index         10.5184     2.0585   5.110 3.05e-06 ***
regimeFlawed democracy -11.7326     9.2273  -1.272    0.208
regimeFull democracy   -14.2821    12.8103  -1.115    0.269
regimeHybrid regime      0.7633     5.9558   0.128    0.898
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 9.897 on 65 degrees of freedom
Multiple R-squared:  0.7961,  Adjusted R-squared:  0.7835
F-statistic: 63.43 on 4 and 65 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.880244396082597"
```

1.2 Bivariate distribution of FOTN limits on content and EIU scores 2023

Bivariate distribution FOTN limits on content and EIU scores
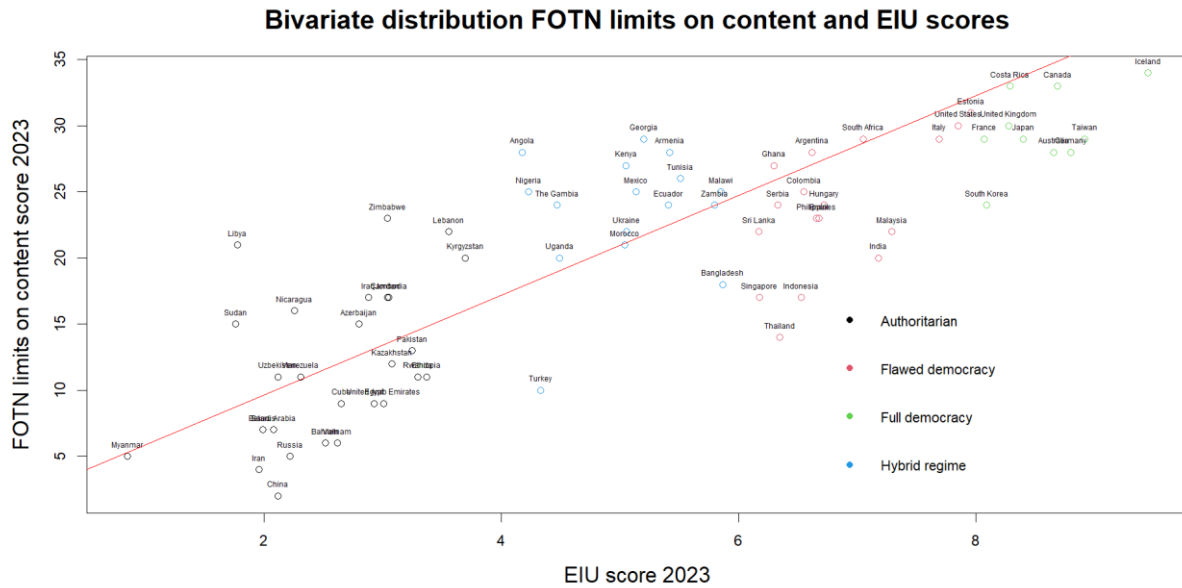
```
Call:
lm(formula = fotn_B*_2023 ~ democracy_index + regime, data = df)

Residuals:
     Min      1Q   Median      3Q      Max
-10.7248  -3.0329   0.0673   3.1007  12.2116

Coefficients:
                        Estimate Std. Error t value Pr(>|t|)
(Intercept)              2.0731     2.6236    0.790 0.432301
democracy_index          3.7726     0.9501    3.971 0.000182 ***
regimeFlawed democracy  -4.0165     4.2588   -0.943 0.349115
regimeFull democracy    -4.6855     5.9124   -0.792 0.430962
regimeHybrid regime      2.3163     2.7488    0.843 0.402526
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 4.568 on 65 degrees of freedom
Multiple R-squared:  0.7202,  Adjusted R-squared:  0.703
F-statistic: 41.82 on 4 and 65 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.816037856407324"
```

*B= Limits on content

2.1 FOTN scores 2023 per country and regime type
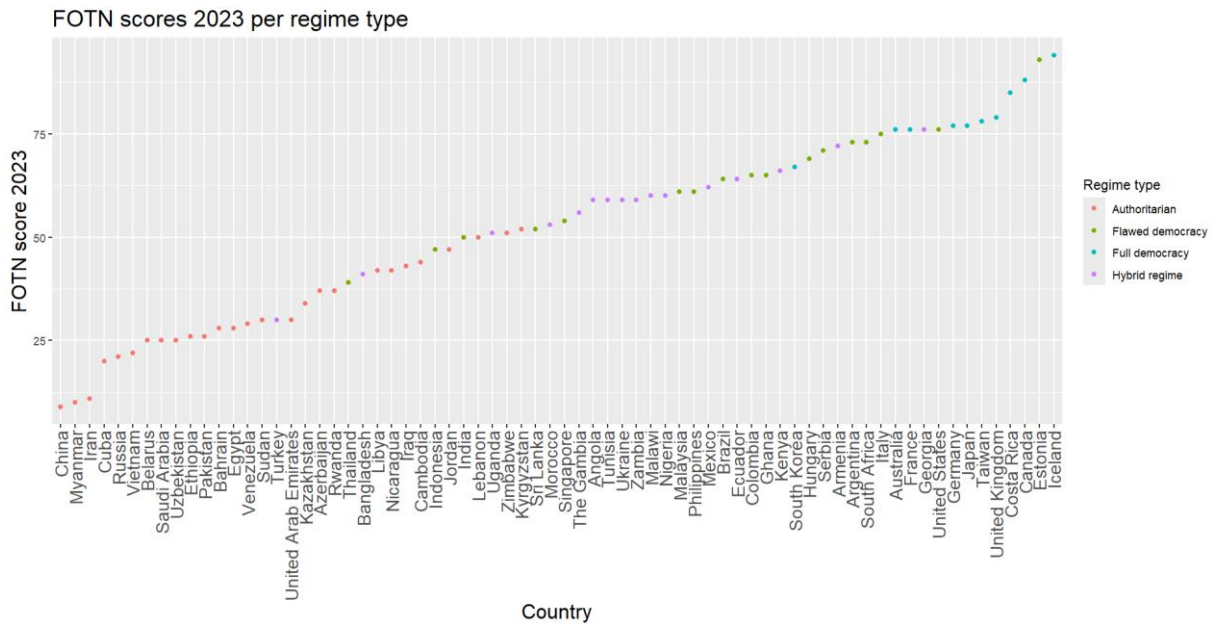
2.2 FOTN limits on content scores 2023 per country and regime type
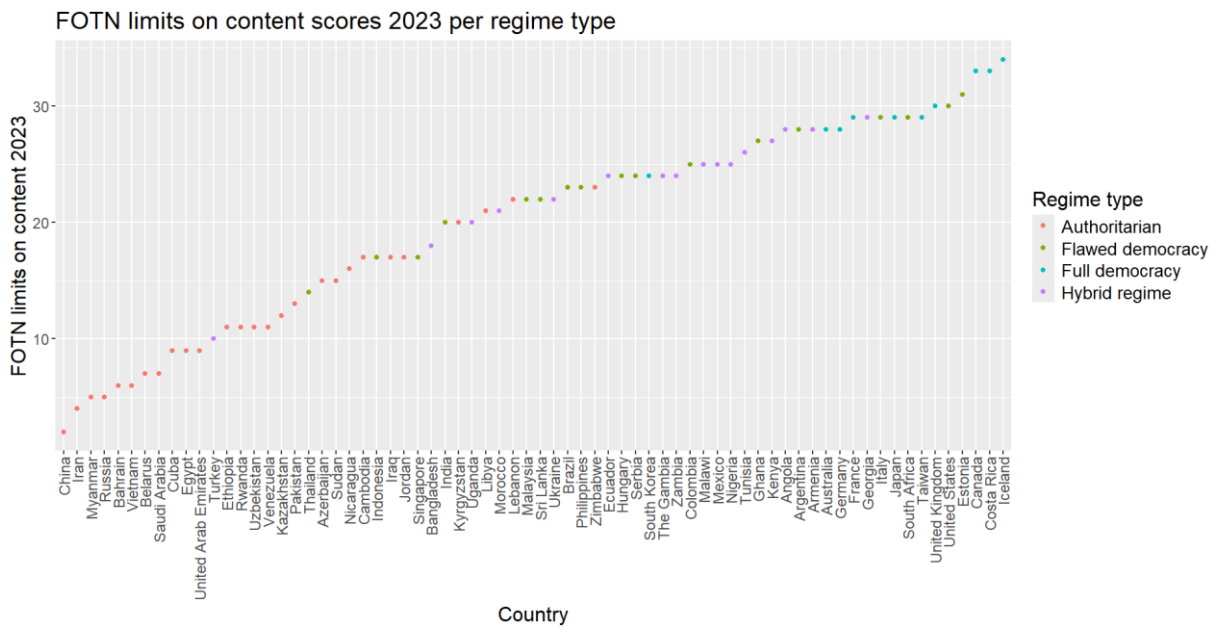
3.1 Mean FOTN scores per regime type over time
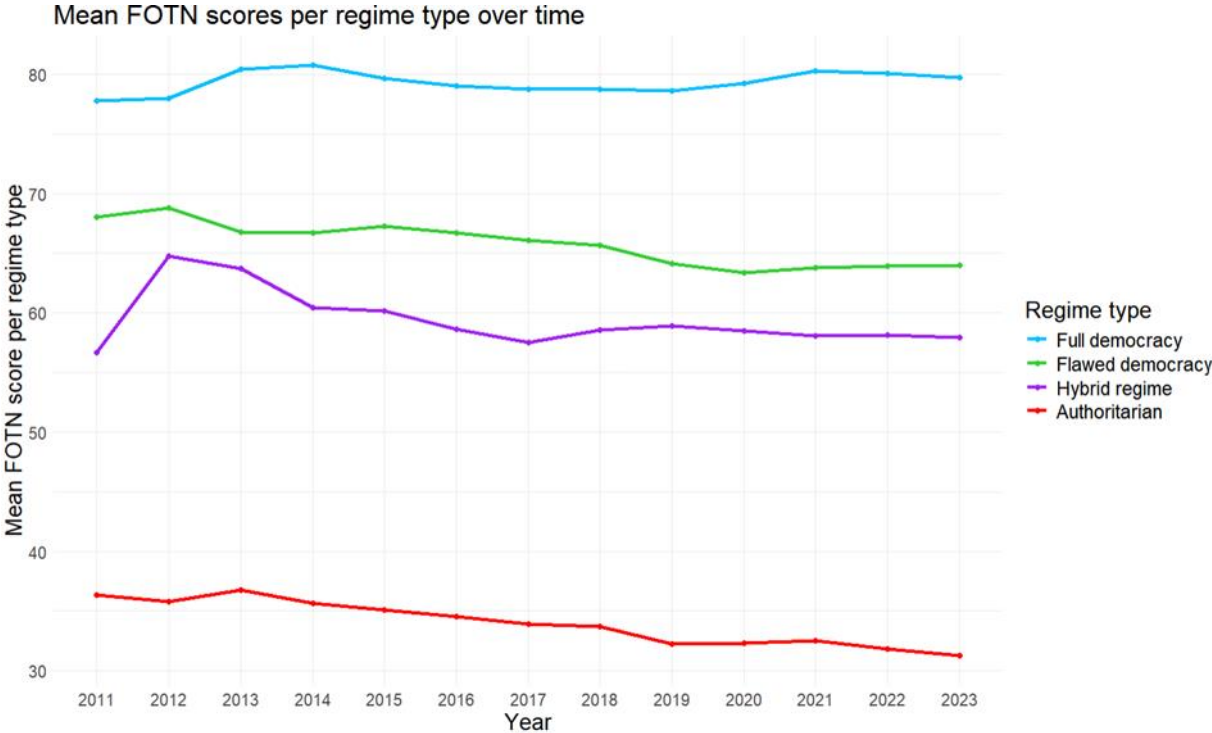
3.2 Mean FOTN limits on content scores per regime type over time
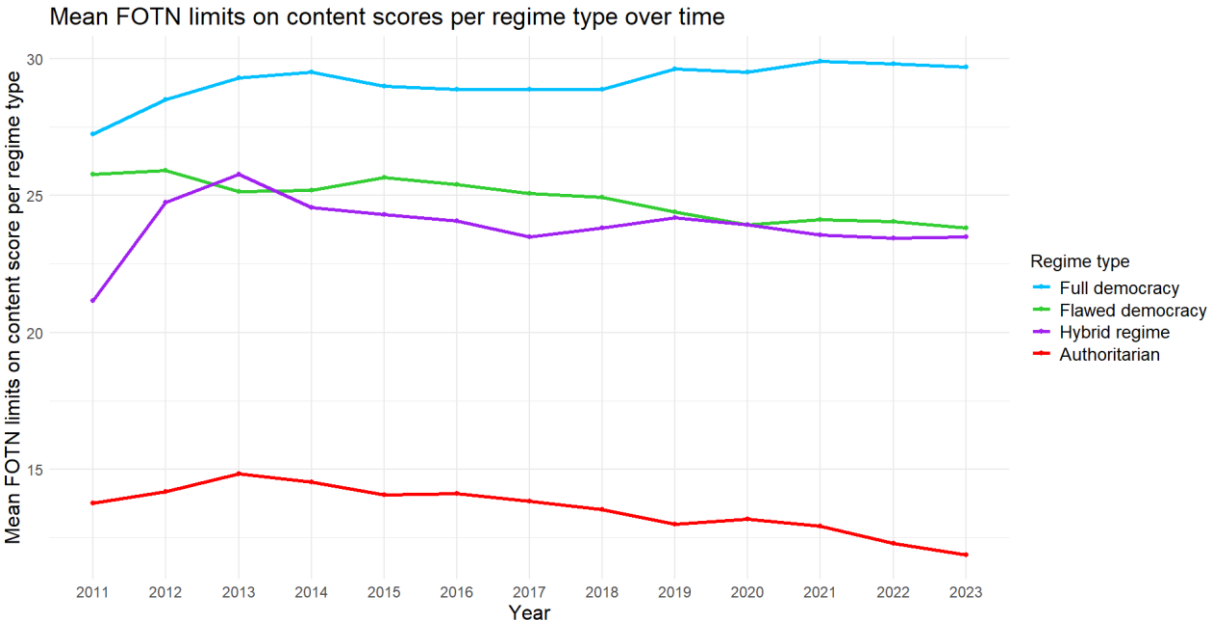
V-Dem Data

The selected indicators belong to the assessment indicators, which are based on several assessments provided by country experts. Type (C) data require an assessment of the factual situation in a specific country at a specific point in time. Country experts code this data.

The Internet censorship effort (v2mecenefi) belongs to the Media which is part of the Civil Liberty. This variable is assembled by the Varieties of Democracy project. The other indicators are derived from the Digital Society Survey, which is organised by the Digital Society Project and contains questions on the political environment of the internet and social media.

We used the 'Model Estimates' – Measurement Model Output (e.g. v2mecenefi), which provides country-year point estimates (Coppedge et al., 2024c, p. 26).

Here is an example of the composition and measurement of an indicator (Coppedge et al., 2024b, pp. 207-208).

Internet censorship effort (C) (v2mecenefi)
Project Manager(s): Michael Coppedge
Additional versions: *_osp, *_ord, *_codelow, *_codehigh, *_sd, *_mean, *_nr
Question: Does the government attempt to censor information (text, audio, or visuals) on the Internet?
Clarification: Censorship attempts include Internet filtering (blocking access to certain websites or browsers), denial-of-service attacks, and partial or total Internet shutdowns. We are not concerned with censorship of topics such as child pornography, highly classified information such as military or intelligence secrets, statements offensive to a particular religion, or defamatory speech unless this sort of censorship is used as a pretext for censoring political information or opinions. We are also not concerned with the extent of internet access, unless there is absolutely no access at all (in which case the coding should be 0).
Responses:
0 (1): The government successfully blocks Internet access except to sites that are pro-government or devoid of political content.
1 (2): The government attempts to block Internet access except to sites that are pro-government or devoid of political content, but many users are able to circumvent such controls.
2 (3): The government allows Internet access, including to some sites that are critical of the government, but blocks selected sites that deal with especially politically sensitive issues.
3 (4): The government allows Internet access that is unrestricted, with the exceptions mentioned above.
Scale: Ordinal, converted to interval by the measurement model.
Notes: As of December 2014, the former category "0 There is no internet" is coded separately asv2mecenefibin. The variable is then rebased to zero.
Data release: 3-14.
Cross-coder aggregation: Bayesian item response theory measurement model (see V-Dem Methodology).

4.1 Bivariate distribution of V-Dem internet legal regulation content (v2smregcon) and EIU democracy score 2020

Bivariate distribution V-Dem internet legal regulation content and EIU scores
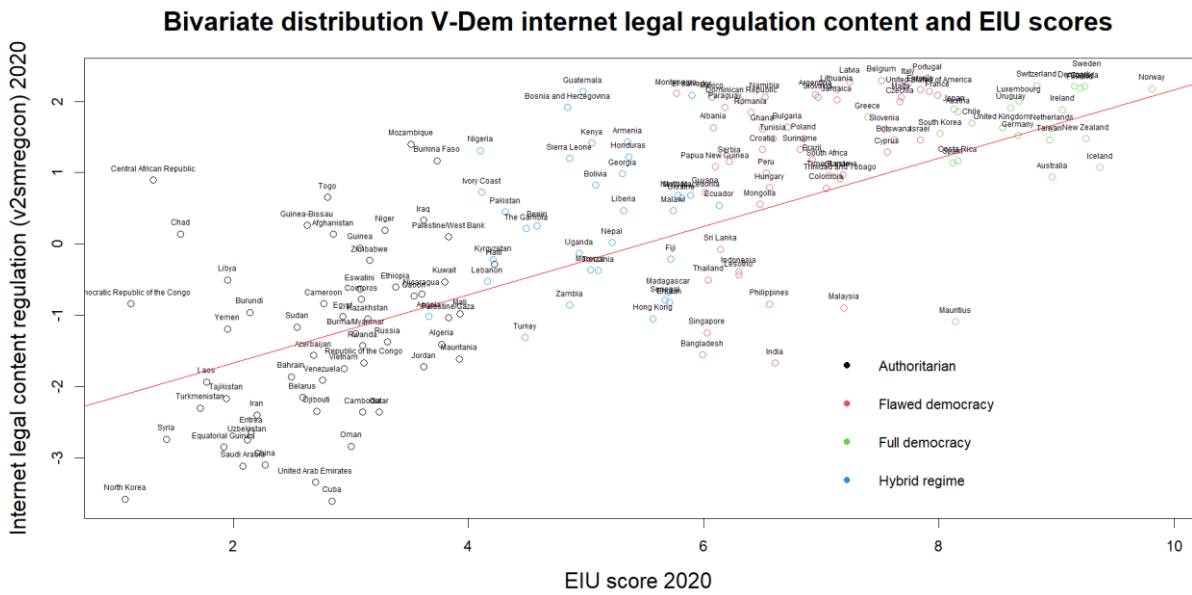
```
Call:
lm(formula = v2smregcon ~ democracy_index + regime, data = df)

Residuals:
     Min       1Q   Median       3Q      Max
-2.77864 -0.52955  0.08152  0.55974  2.89496

Coefficients:
                        Estimate Std. Error t value Pr(>|t|)
(Intercept)             -2.63386    0.35008  -7.524 3.47e-12 ***
democracy_index          0.47947    0.11622   4.126 5.90e-05 ***
regimeFlawed democracy   0.57222    0.51049   1.121    0.264
regimeFull democracy     0.08022    0.72855   0.110    0.912
regimeHybrid regime      0.45902    0.34423   1.333    0.184
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.9987 on 162 degrees of freedom
Multiple R-squared:  0.6055,  Adjusted R-squared:  0.5957
F-statistic: 62.15 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.77199553987755"
```

4.2 Bivariate distribution of V-Dem internet censorship effort (v2mecenefi) and EIU democracy score 2020

Bivariate distribution V-Dem internet censorship effort and EIU scores
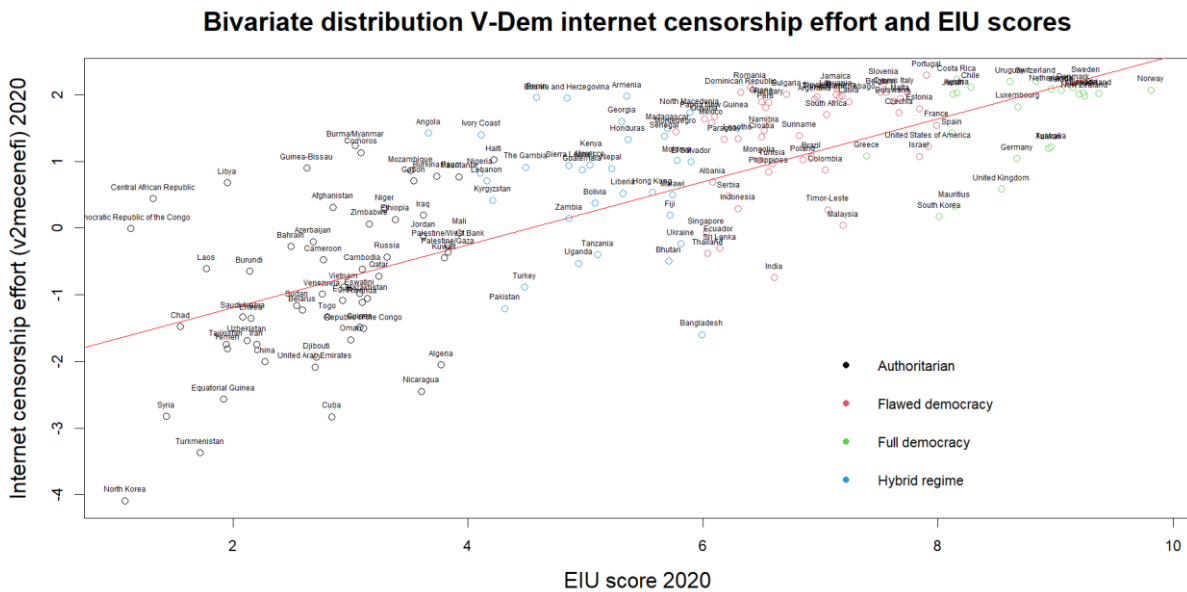
```
Call:
lm(formula = v2mecenefi ~ democracy_index + regime, data = df)

Residuals:
    Min      1Q  Median      3Q     Max
-2.6550 -0.5329  0.1006  0.5778  1.9529

Coefficients:
                        Estimate Std. Error t value Pr(>|t|)
(Intercept)             -2.1373     0.3128   -6.833 1.60e-10 ***
democracy_index          0.4715     0.1038    4.541 1.09e-05 ***
regimeFlawed democracy   0.2694     0.4561    0.591    0.556
regimeFull democracy    -0.2930     0.6509   -0.450    0.653
regimeHybrid regime      0.3710     0.3076    1.206    0.229
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.8923 on 162 degrees of freedom
Multiple R-squared:  0.5943,  Adjusted R-squared:  0.5843
F-statistic: 59.33 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.776103827856062"
```

4.3 Bivariate distribution of V-Dem government social media censorship (v2smgovsmcenprc) and EIU democracy score 2020
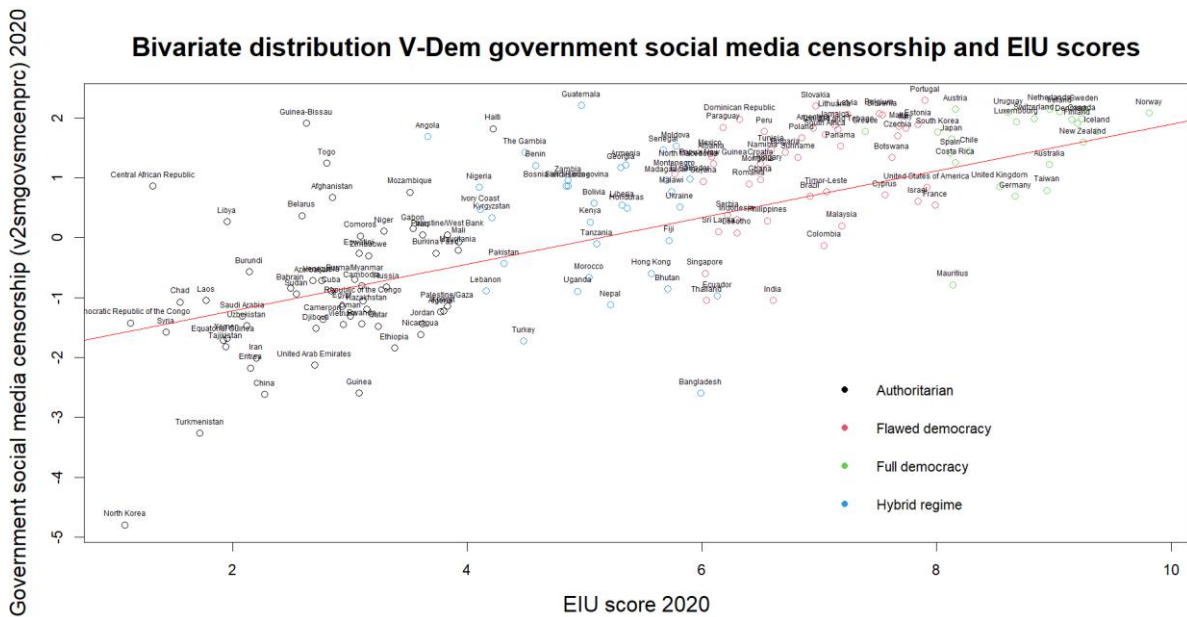

```
Call:
lm(formula = v2smgovsmcenprc ~ democracy_index + regime, data = df)

Residuals:
    Min      1Q  Median      3Q     Max
-3.2685 -0.6025  0.1462  0.5463  2.8851

Coefficients:
                      Estimate Std. Error t value Pr(>|t|)
(Intercept)            -1.9991     0.3340  -5.985 1.34e-08 ***
democracy_index         0.3886     0.1109   3.505 0.000591 ***
regimeFlawed democracy  0.4728     0.4870   0.971 0.333062
regimeFull democracy    0.1959     0.6951   0.282 0.778472
regimeHybrid regime     0.3430     0.3284   1.045 0.297804
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.9528 on 162 degrees of freedom
Multiple R-squared:  0.5378,	Adjusted R-squared:  0.5264
F-statistic: 47.12 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.735382443095179"
```

4.4 Bivariate distribution of V-Dem government internet shut down in practice and (v2smgovshut) and EIU democracy score 2020

Bivariate distribution government internet shut down in practice and EIU scores
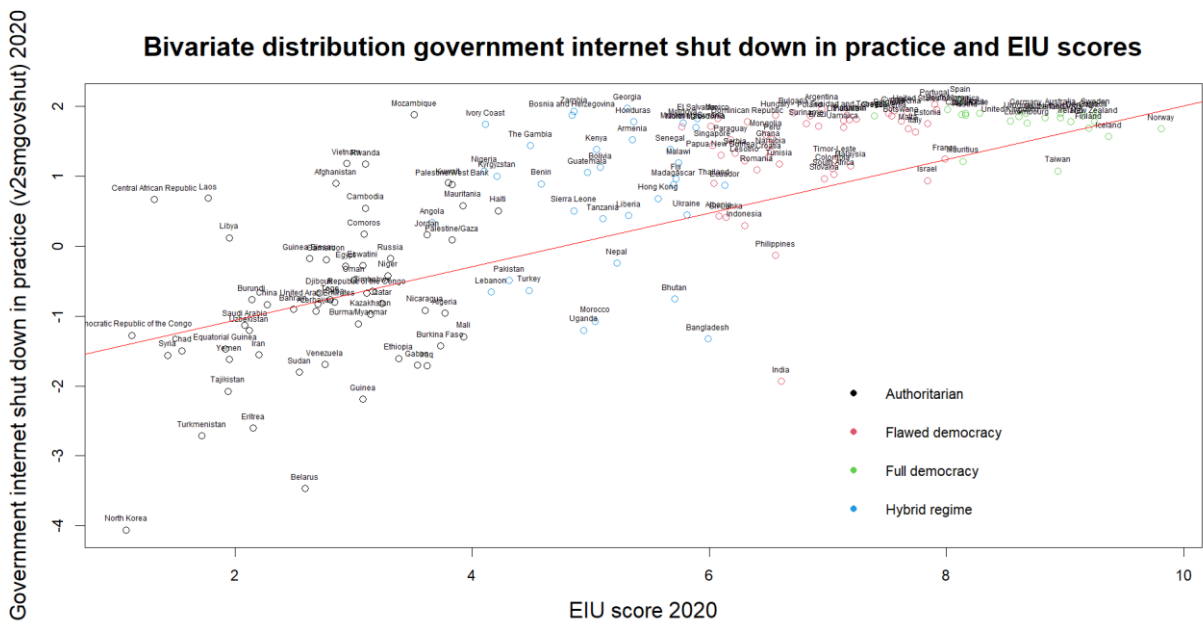
```
Call:
lm(formula = v2smgovshut ~ democracy_index + regime, data = df)

Residuals:
    Min      1Q  Median      3Q     Max
-3.2294 -0.3605  0.0882  0.4237  2.3640

Coefficients:
                        Estimate Std. Error t value Pr(>|t|)
(Intercept)             -1.8253     0.3026   -6.033 1.06e-08 ***
democracy_index          0.3836     0.1004    3.819 0.000191 ***
regimeFlawed democracy   0.5862     0.4412    1.329 0.185806
regimeFull democracy     0.2709     0.6297    0.430 0.667642
regimeHybrid regime      0.6026     0.2975    2.025 0.044470 *
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.8631 on 162 degrees of freedom
Multiple R-squared:  0.6023,   Adjusted R-squared:  0.5925
F-statistic: 61.33 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.779195933028562"
```

4.5 Bivariate distribution of V-Dem government social media shut down in practice (v2smgovsm) and EIU democracy score 2020

Bivariate distribution government social media shut down in practice and EIU scores
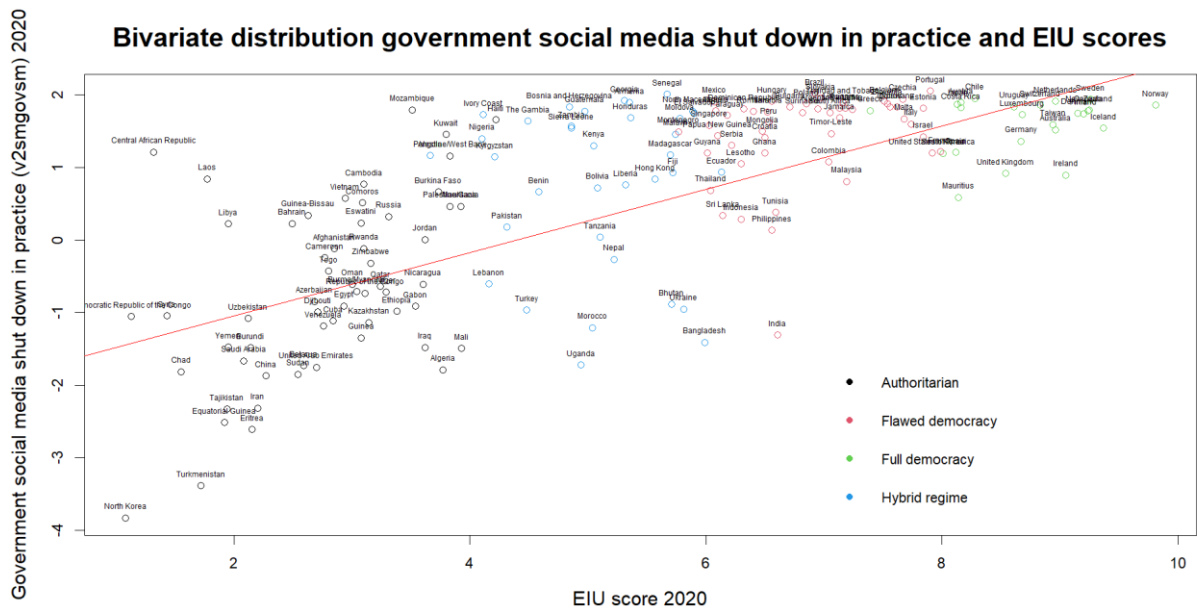
```
Call:
lm(formula = v2smgovsm ~ democracy_index + regime, data = df)

Residuals:
    Min      1Q  Median      3Q     Max
-2.6526 -0.4561  0.1086  0.5393  2.5505

Coefficients:
                       Estimate Std. Error t value Pr(>|t|)
(Intercept)             -1.9121     0.3186  -6.001 1.24e-08 ***
democracy_index          0.4361     0.1058   4.122 5.98e-05 ***
regimeFlawed democracy   0.3764     0.4647   0.810    0.419
regimeFull democracy    -0.2847     0.6631  -0.429    0.668
regimeHybrid regime      0.4677     0.3133   1.493    0.137
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.909 on 162 degrees of freedom
Multiple R-squared:  0.5637,	Adjusted R-squared:  0.5529
F-statistic: 52.33 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.730073588717728"
```

4.6 Bivariate distribution of V-Dem government dissemination of false information domestic (v2smgovdom) and EIU democracy score 2020

Bivariate distribution V-Dem government dissemination of false information domestic and EIU scores
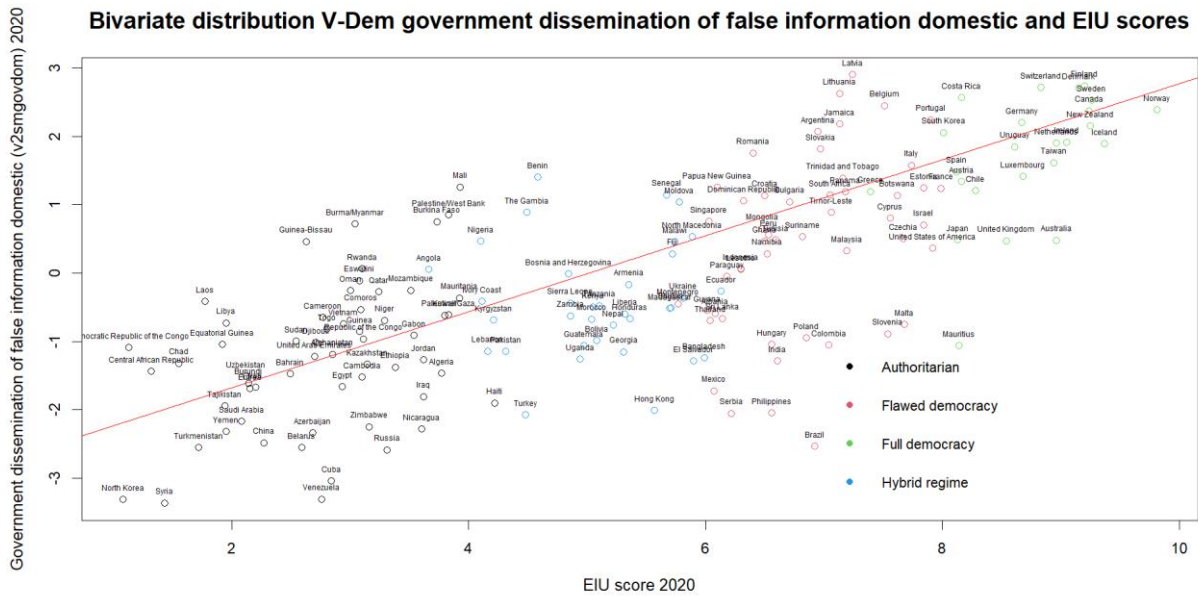
```
Call:
lm(formula = v2smgovdom ~ democracy_index + regime, data = df)

Residuals:
     Min       1Q   Median       3Q      Max
-2.99676 -0.51904  0.04897  0.60195  2.26011

Coefficients:
                        Estimate Std. Error t value Pr(>|t|)
(Intercept)             -2.7910     0.3496  -7.984 2.47e-13 ***
democracy_index          0.5567     0.1161   4.797 3.64e-06 ***
regimeFlawed democracy  -0.5954     0.5098  -1.168    0.245
regimeFull democracy    -0.3610     0.7275  -0.496    0.620
regimeHybrid regime     -0.4767     0.3437  -1.387    0.167
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.9973 on 162 degrees of freedom
Multiple R-squared:  0.5443,  Adjusted R-squared:  0.533
F-statistic: 48.37 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.718505220265149"
```

4.7 Bivariate distribution of V-Dem government dissemination of false information abroad (v2smgovab) and EIU democracy score 2020

Bivariate distribution V-Dem government dissemination of false information abroad and EIU scores
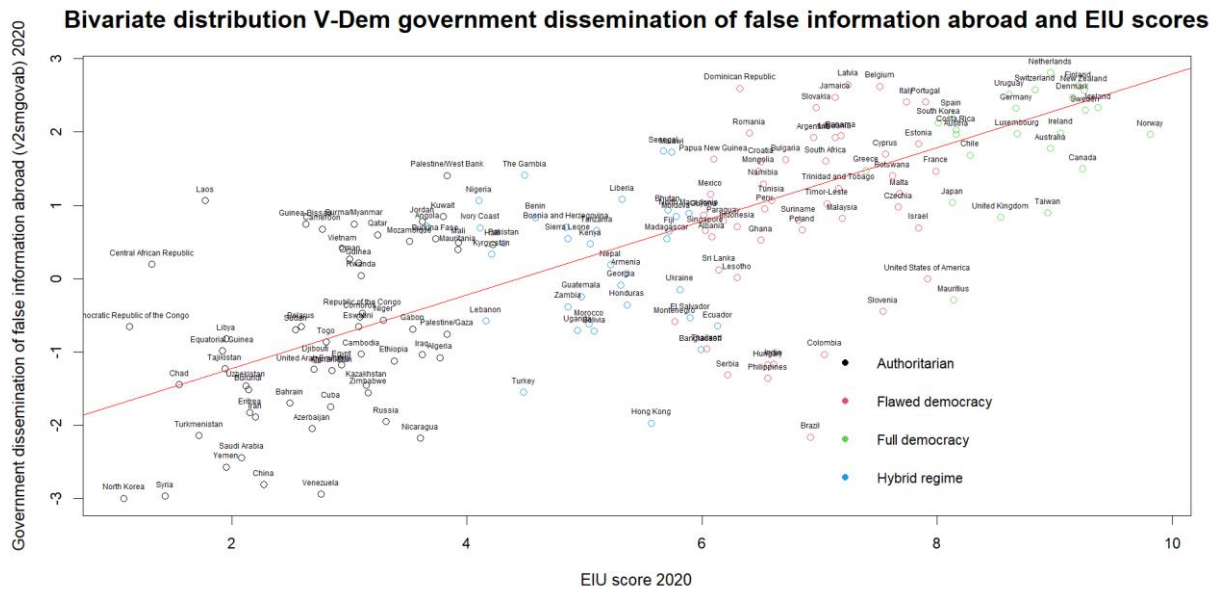
```
Call:
lm(formula = v2smgovab ~ democracy_index + regime, data = df)

Residuals:
     Min       1Q   Median       3Q      Max
-3.10200 -0.65305  0.09154  0.66937  2.40038

Coefficients:
                       Estimate Std. Error t value Pr(>|t|)
(Intercept)            -2.2255     0.3506   -6.347 2.11e-09 ***
democracy_index         0.5018     0.1164    4.310 2.82e-05 ***
regimeFlawed democracy -0.3066     0.5113   -0.600    0.550
regimeFull democracy   -0.2355     0.7297   -0.323    0.747
regimeHybrid regime    -0.1382     0.3448   -0.401    0.689
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 1 on 162 degrees of freedom
Multiple R-squared:  0.516,   Adjusted R-squared:  0.504
F-statistic: 43.17 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.729632514035579"
```

5.1 Bivariate distribution of V-Dem internet legal regulation content (v2smregcon) and EIU democracy score 2023

Bivariate distribution V-Dem internet legal regulation content and EIU scores
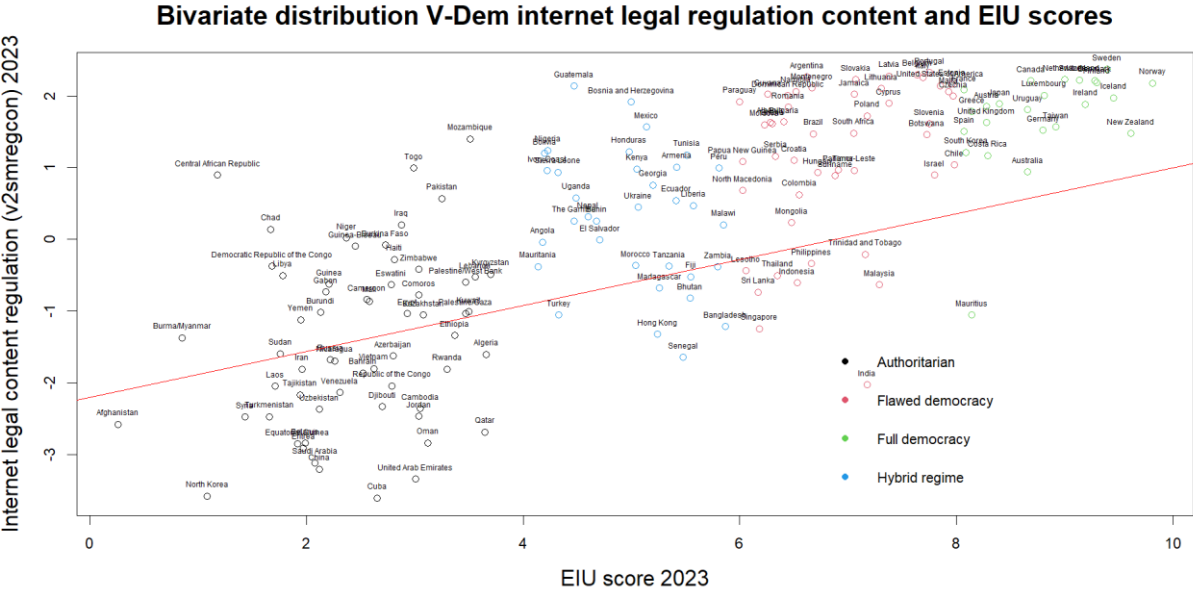
```
Call:
lm(formula = v2smregcon ~ democracy_index + regime, data = df)

Residuals:
    Min      1Q  Median      3Q     Max
-3.3022 -0.5786  0.1414  0.6475  2.7237

Coefficients:
                        Estimate Std. Error t value Pr(>|t|)
(Intercept)             -2.2074     0.3369  -6.551 7.23e-10 ***
democracy_index          0.3201     0.1243   2.575   0.0109 *
regimeFlawed democracy   1.1802     0.5838   2.022   0.0449 *
regimeFull democracy     1.1017     0.8193   1.345   0.1806
regimeHybrid regime      0.9085     0.3831   2.371   0.0189 *
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 1.032 on 162 degrees of freedom
Multiple R-squared:  0.6049,  Adjusted R-squared:  0.5951
F-statistic:    62 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.767059410119441"
```

5.2 Bivariate distribution of V-Dem internet censorship effort (v2mecenefi) and EIU democracy score 2023

Bivariate distribution V-Dem internet censorship effort and EIU scores
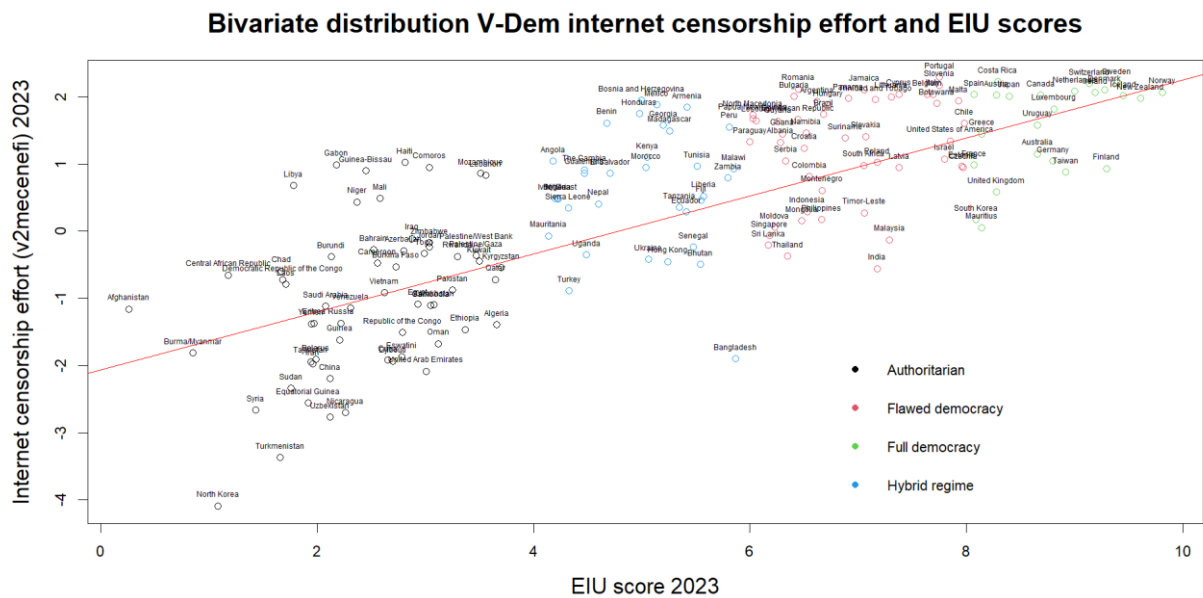
```
Call:
lm(formula = v2mecenefi ~ democracy_index + regime, data = df)

Residuals:
    Min      1Q  Median      3Q     Max
-2.8909 -0.6722  0.1257  0.5888  2.1155

Coefficients:
                        Estimate Std. Error t value Pr(>|t|)
(Intercept)             -2.0675     0.2885  -7.166 2.58e-11 ***
democracy_index          0.4321     0.1064   4.060 7.63e-05 ***
regimeFlawed democracy   0.3291     0.4999   0.658    0.511
regimeFull democracy    -0.1520     0.7016  -0.217    0.829
regimeHybrid regime      0.5250     0.3281   1.600    0.111
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.8836 on 162 degrees of freedom
Multiple R-squared:  0.6106,  Adjusted R-squared:  0.601
F-statistic: 63.51 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.76998696224695"
```

5.3 Bivariate distribution of V-Dem government social media censorship (v2smgovsmcenprc) and EIU democracy score 2023

Bivariate distribution V-Dem government social media censorship and EIU scores
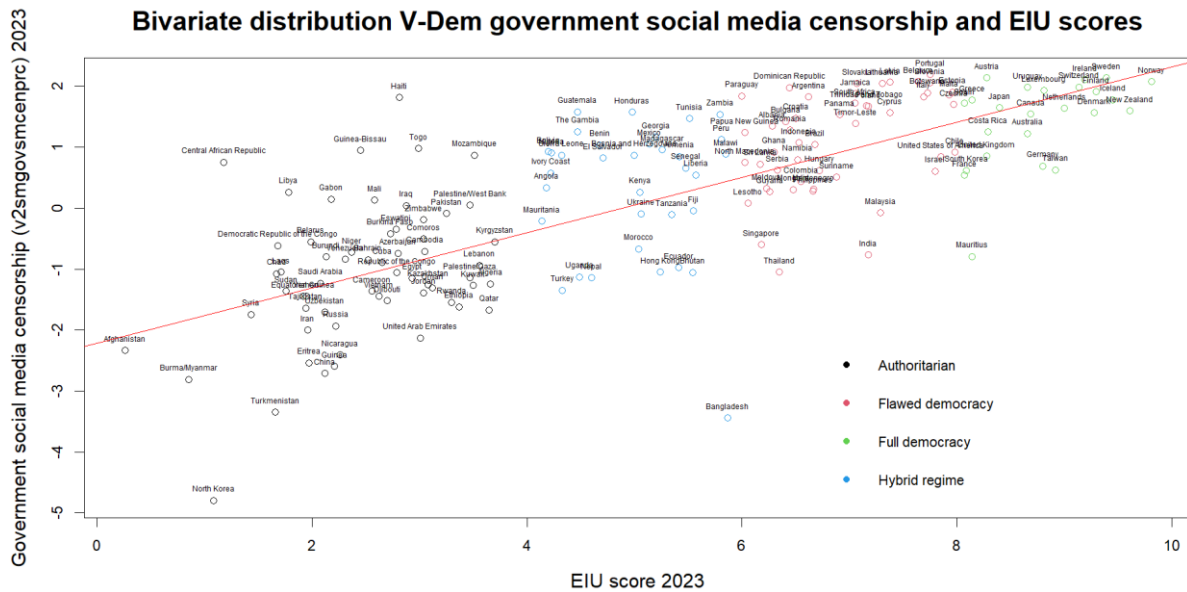
```
Call:
lm(formula = v2smgovsmcenprc ~ democracy_index + regime, data = df)

Residuals:
    Min      1Q  Median      3Q     Max
-4.1250 -0.5519  0.1212  0.5685  2.7558

Coefficients:
                        Estimate Std. Error t value Pr(>|t|)
(Intercept)             -2.2107     0.3066  -7.211 2.01e-11 ***
democracy_index          0.4526     0.1131   4.002 9.53e-05 ***
regimeFlawed democracy   0.1945     0.5312   0.366    0.715
regimeFull democracy    -0.3199     0.7455  -0.429    0.668
regimeHybrid regime      0.2387     0.3486   0.685    0.494
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.9389 on 162 degrees of freedom
Multiple R-squared:  0.5718,  Adjusted R-squared:  0.5612
F-statistic: 54.08 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.753351082105073"
```

5.4 Bivariate distribution of V-Dem government internet shut down in practice and (v2smgovshut) and EIU democracy score 2023

Bivariate distribution government internet shut down in practice and EIU scores
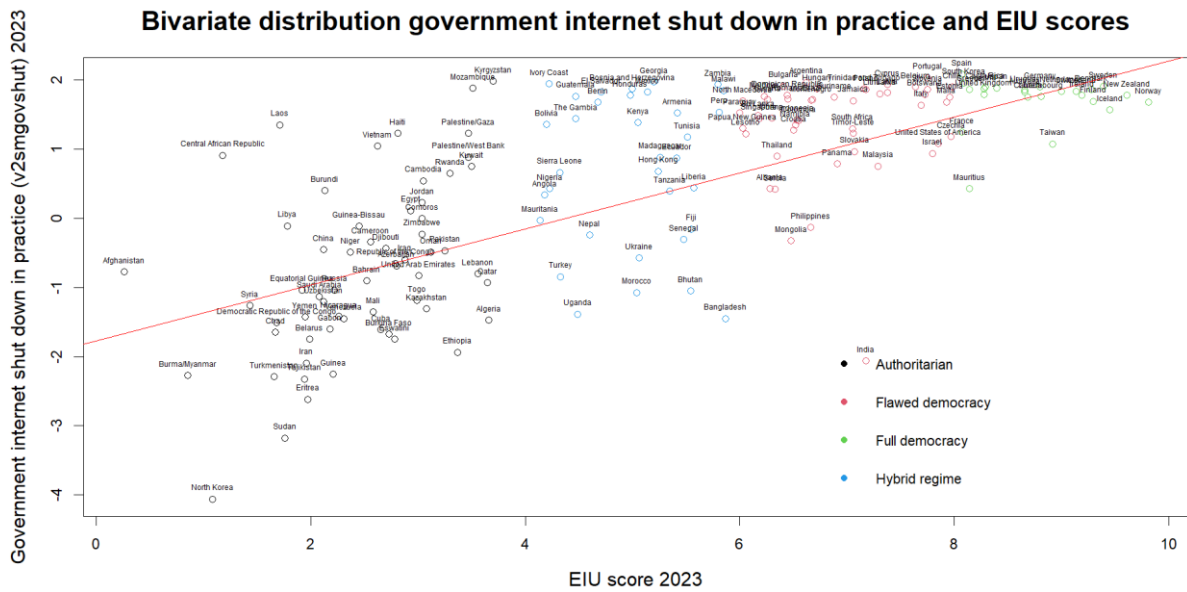
```
Call:
lm(formula = v2smgovshut ~ democracy_index + regime, data = df)

Residuals:
    Min      1Q  Median      3Q     Max
-3.5304 -0.5564  0.0598  0.5256  2.4344

Coefficients:
                        Estimate Std. Error t value Pr(>|t|)
(Intercept)             -1.77298    0.30844  -5.748 4.37e-08 ***
democracy_index          0.40502    0.11378   3.560 0.000488 ***
regimeFlawed democracy   0.33533    0.53440   0.627 0.531224
regimeFull democracy    -0.06223    0.75004  -0.083 0.933979
regimeHybrid regime      0.46675    0.35072   1.331 0.185110
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.9446 on 162 degrees of freedom
Multiple R-squared:  0.5554,  Adjusted R-squared:  0.5444
F-statistic: 50.59 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.725716663596758"
```

5.5 Bivariate distribution of V-Dem government social media shut down in practice (v2smgovsm) and EIU democracy score 2023

Bivariate distribution government social media shut down in practice and EIU scores
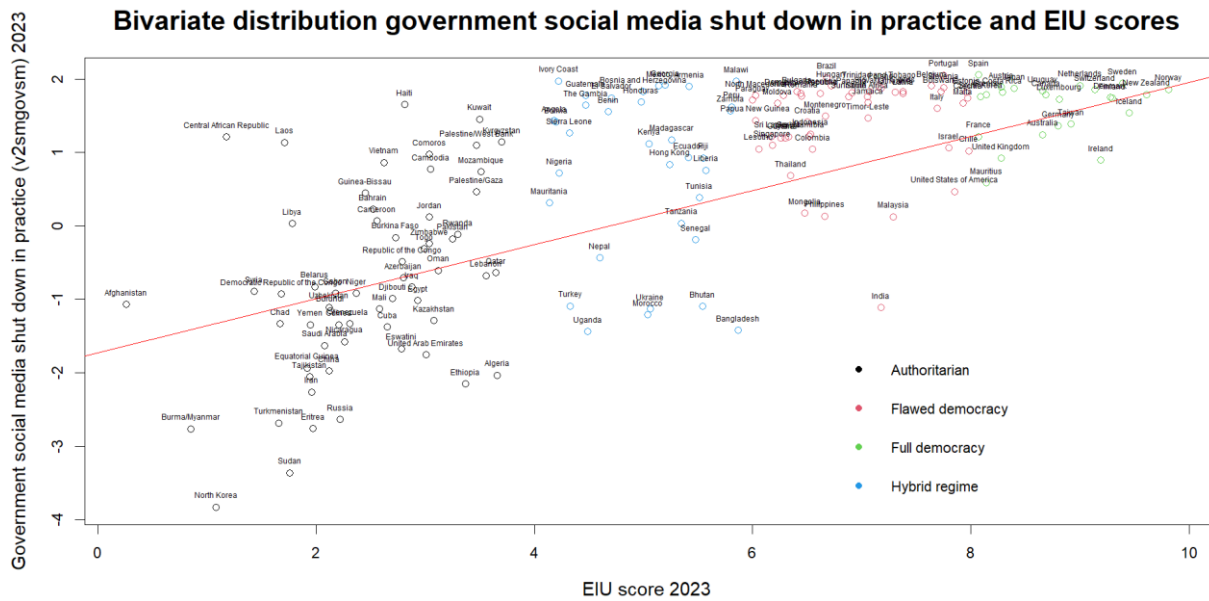
```
Call:
lm(formula = v2smgovsm ~ democracy_index + regime, data = df)

Residuals:
    Min      1Q  Median      3Q     Max
-2.6340 -0.3605  0.1048  0.5102  2.5052

Coefficients:
                         Estimate Std. Error t value Pr(>|t|)
(Intercept)              -1.7255     0.3094  -5.577 1.01e-07 ***
democracy_index           0.3681     0.1141   3.225  0.00152 **
regimeFlawed democracy    0.6037     0.5361   1.126  0.26181
regimeFull democracy      0.1049     0.7524   0.139  0.88930
regimeHybrid regime       0.6606     0.3518   1.878  0.06224 .
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.9476 on 162 degrees of freedom
Multiple R-squared:  0.5607,  Adjusted R-squared:  0.5498
F-statistic: 51.69 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.720455215973369"
```

5.6 Bivariate distribution of V-Dem government dissemination of false information domestic (v2smgovdom) and EIU democracy score 2023

Bivariate distribution V-Dem government dissemination of false information domestic and EIU scores
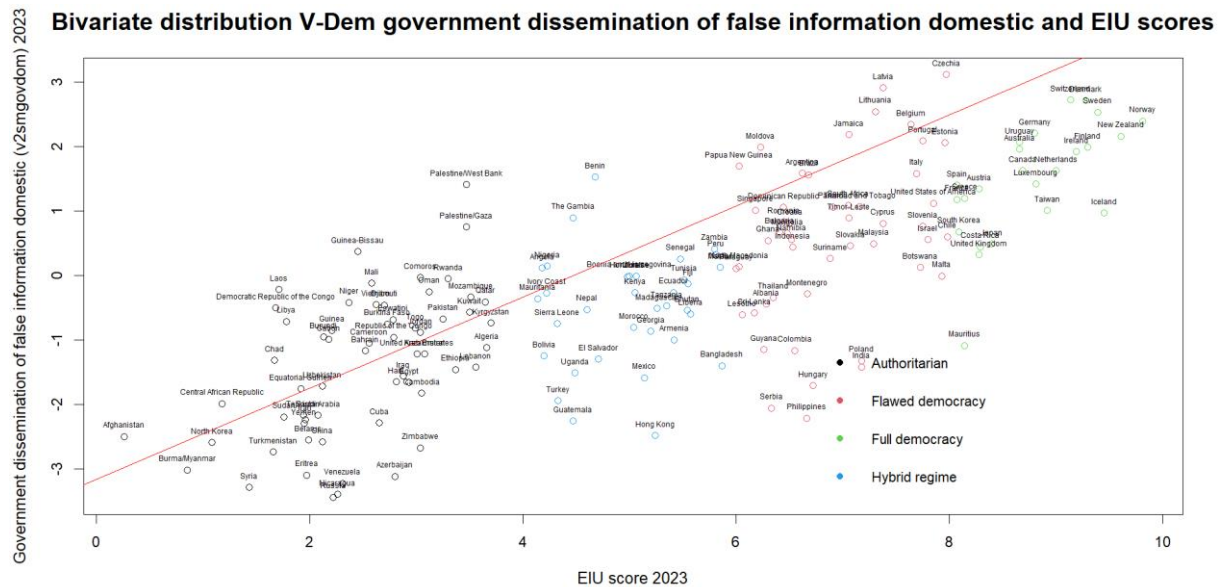
```
Call:
lm(formula = v2smgovdom ~ democracy_index + regime, data = df)

Residuals:
    Min      1Q  Median      3Q     Max
-2.6193 -0.5724  0.1264  0.5679  2.2656

Coefficients:
                        Estimate Std. Error t value Pr(>|t|)
(Intercept)             -3.1582     0.3179  -9.934  < 2e-16 ***
democracy_index          0.7054     0.1173   6.015 1.16e-08 ***
regimeFlawed democracy  -1.1351     0.5508  -2.061   0.0409 *
regimeFull democracy    -1.5612     0.7731  -2.020   0.0451 *
regimeHybrid regime     -0.8855     0.3615  -2.450   0.0154 *
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.9736 on 162 degrees of freedom
Multiple R-squared:  0.5894,  Adjusted R-squared:  0.5793
F-statistic: 58.15 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.757596077874404"
```

5.7 Bivariate distribution of V-Dem government dissemination of false information abroad (v2smgovab) and EIU democracy score 2023

Bivariate distribution V-Dem government dissemination of false information abroad and EIU scores
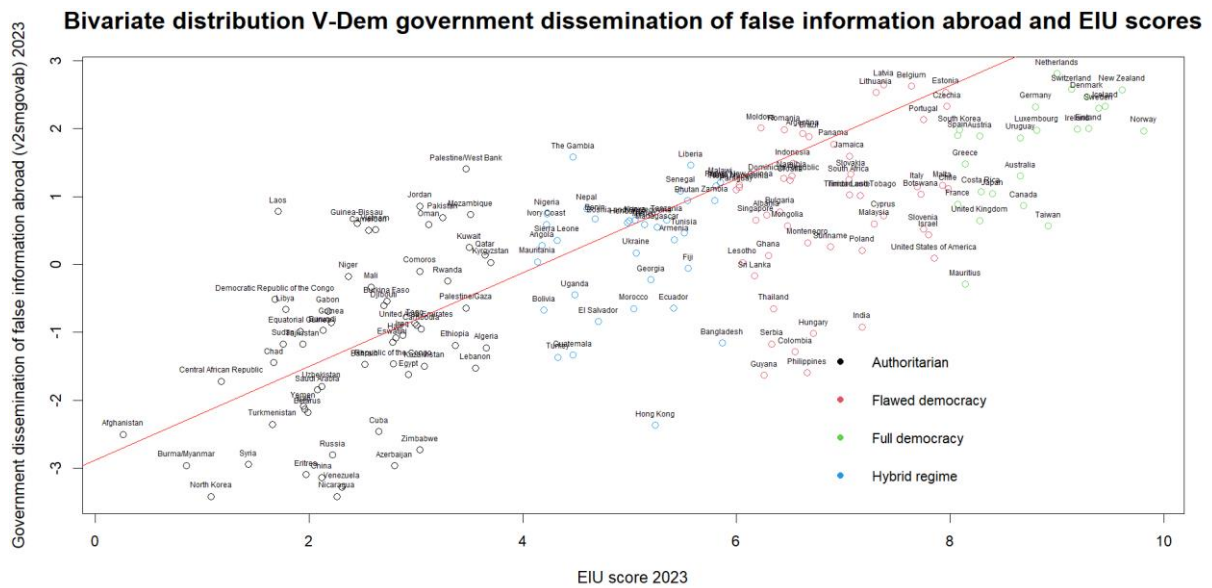
```
Call:
lm(formula = v2smgovab ~ democracy_index + regime, data = df)

Residuals:
    Min      1Q  Median      3Q     Max
-2.7303 -0.5862  0.1843  0.6794  2.4811

Coefficients:
                       Estimate Std. Error t value Pr(>|t|)
(Intercept)            -2.8761     0.3212   -8.955 7.67e-16 ***
democracy_index         0.6883     0.1185    5.810 3.23e-08 ***
regimeFlawed democracy -1.0329     0.5564   -1.856   0.0652 .
regimeFull democracy   -1.4713     0.7810   -1.884   0.0614 .
regimeHybrid regime    -0.3683     0.3652   -1.009   0.3147
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.9836 on 162 degrees of freedom
Multiple R-squared:  0.5799,  Adjusted R-squared:  0.5695
F-statistic:  55.9 on 4 and 162 DF,  p-value: < 2.2e-16

[1] "Spearman correlation coefficient: 0.74822985595465"
```

6.1 Evolution of mean values of V-Dem internet legal content (v2smregcon) per regime type for the period 2006–2023 according to the EIU democracy status

Evolution of mean values of V-Dem internet legal content
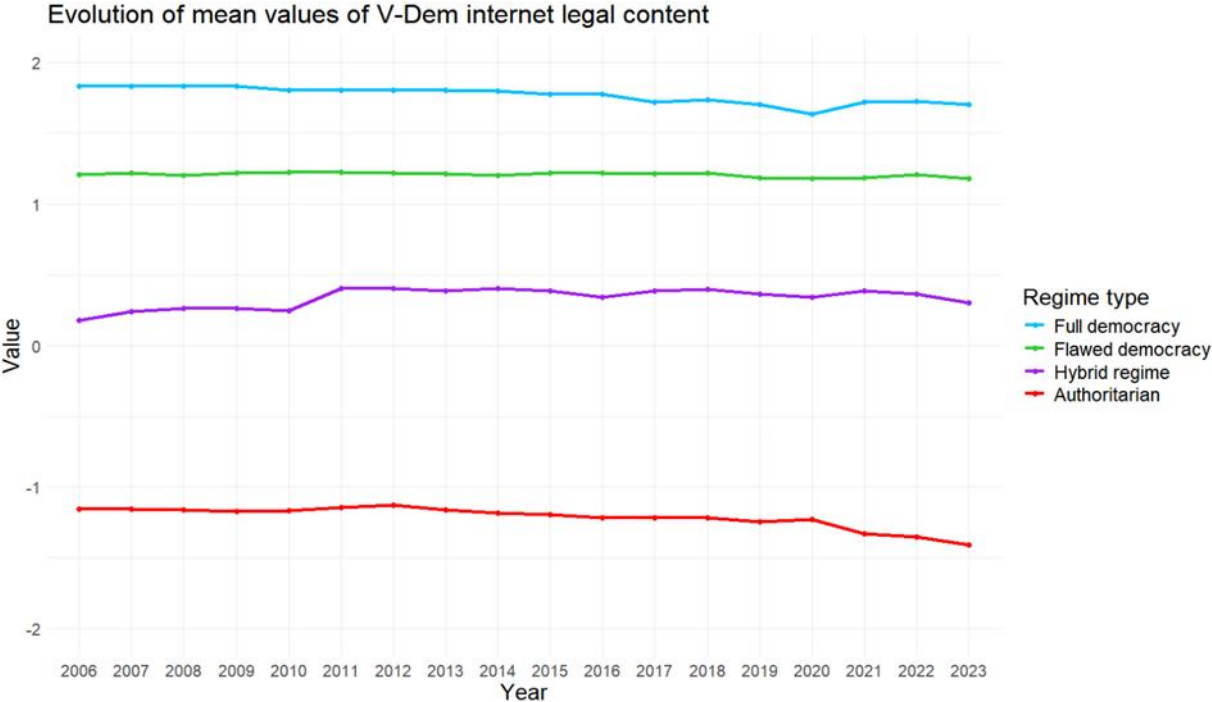
6.2 Evolution of mean values of V-Dem internet censorship effort (v2mecenefi) per regime type for the period 2006–2023 according to the EIU democracy status

Evolution of mean values of V-Dem internet censorship effort
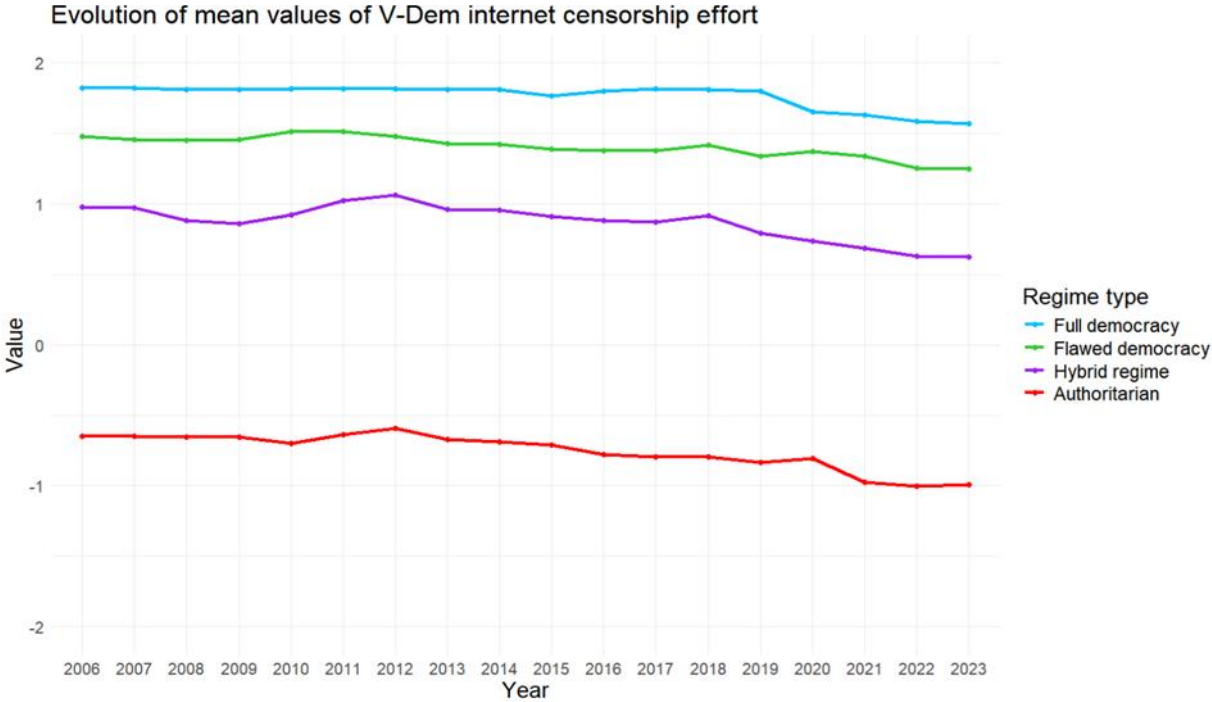
6.3 Evolution of mean values of V-Dem government social media censorship (v2smgovsmcenprc) per regime type for the years 2006–2023 according to the EIU democracy status

Evolution of mean values of V-Dem government social media censorship
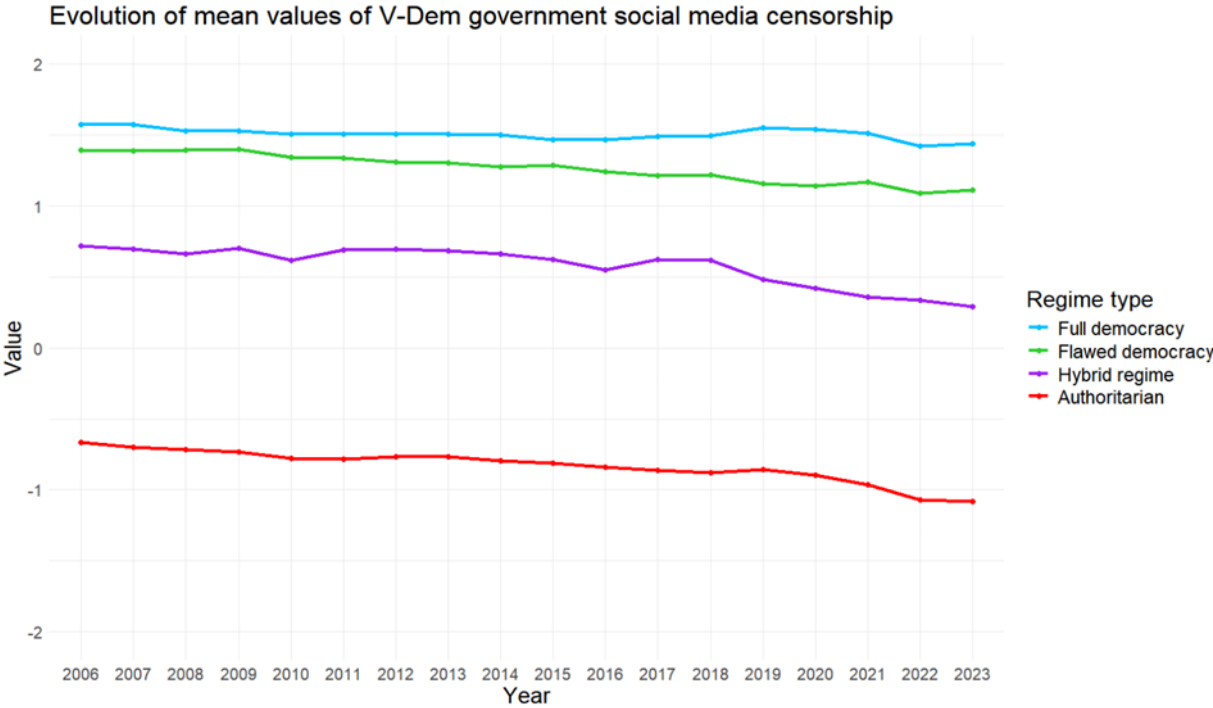
6.4 Evolution of mean values V-Dem government internet shut down in practice (v2smgovshut) per regime time in the years 2006–2023 according to the EIU democracy status

Evolution of mean values V-Dem government internet shut down in practice
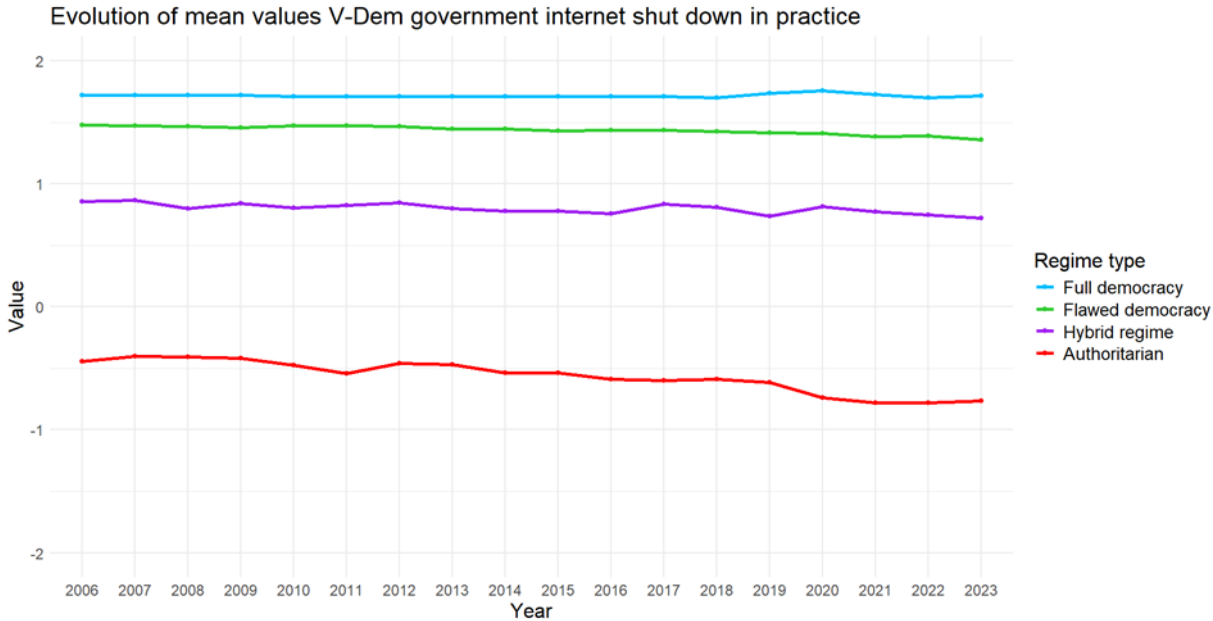
6.5 Evolution of mean values of V-Dem government social media shutdown (v2smgovsm) per regime type in the years 2006–2023 according to the EIU democracy status

Evolution of mean values of V-Dem government social media shutdown
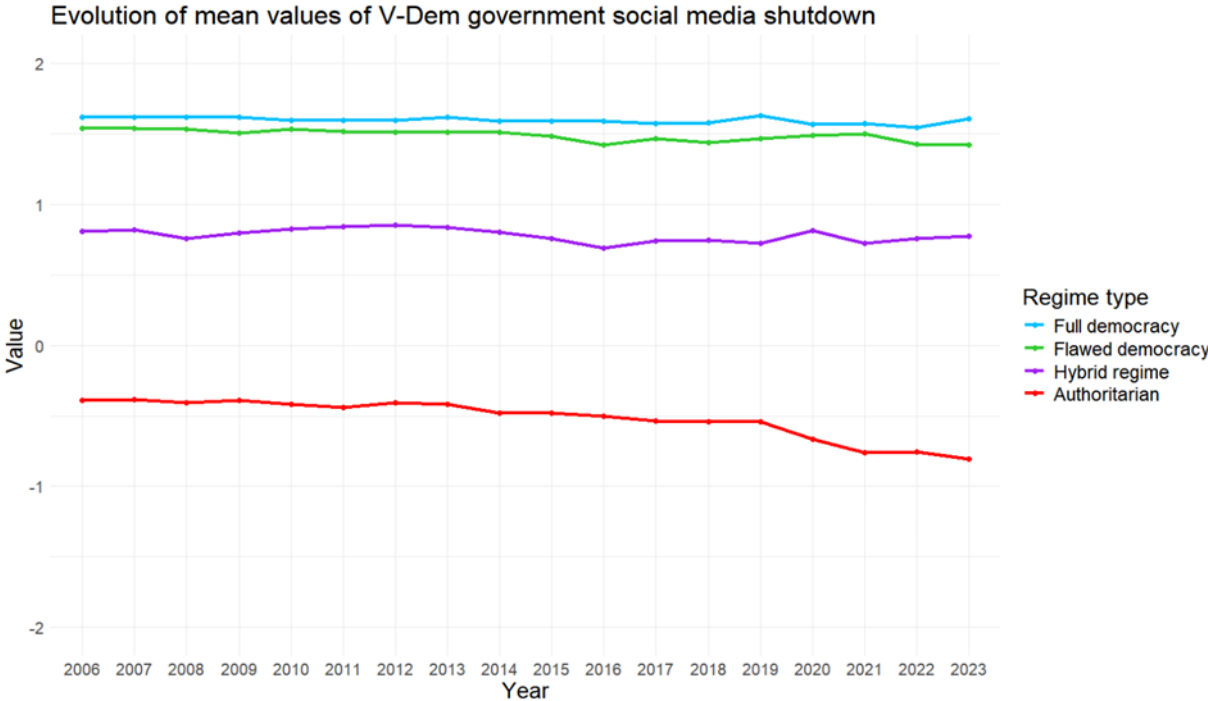
6.6 Evolution of mean values of V-Dem government dissemination of false information domestic (v2smgovdom) per regime type for the years 2006–2023 according to the EIU democracy status

Evolution of mean values of V-Dem government dissemination of false information domestic
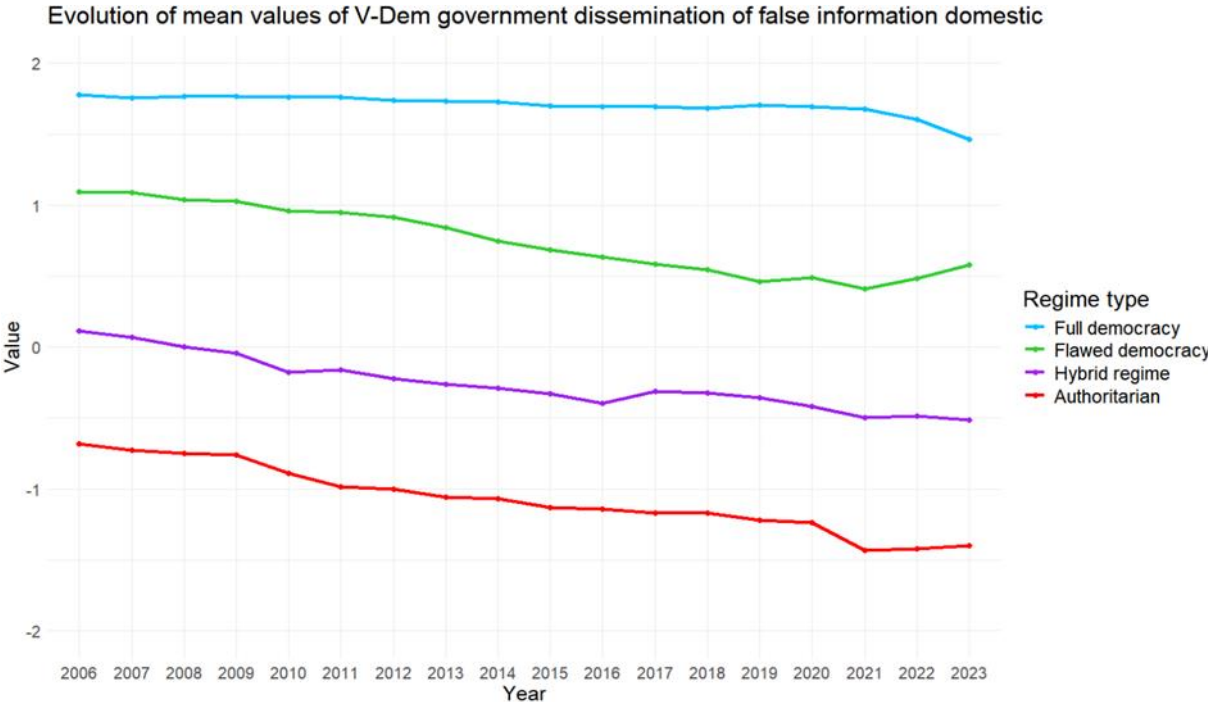
6.7 Evolution of mean values V-Dem government dissemination of false information abroad (v2smgovab) per regime type for the years 2006–2023 according to the EIU democracy status

Evolution of mean values V-Dem government dissemination of false information abroad
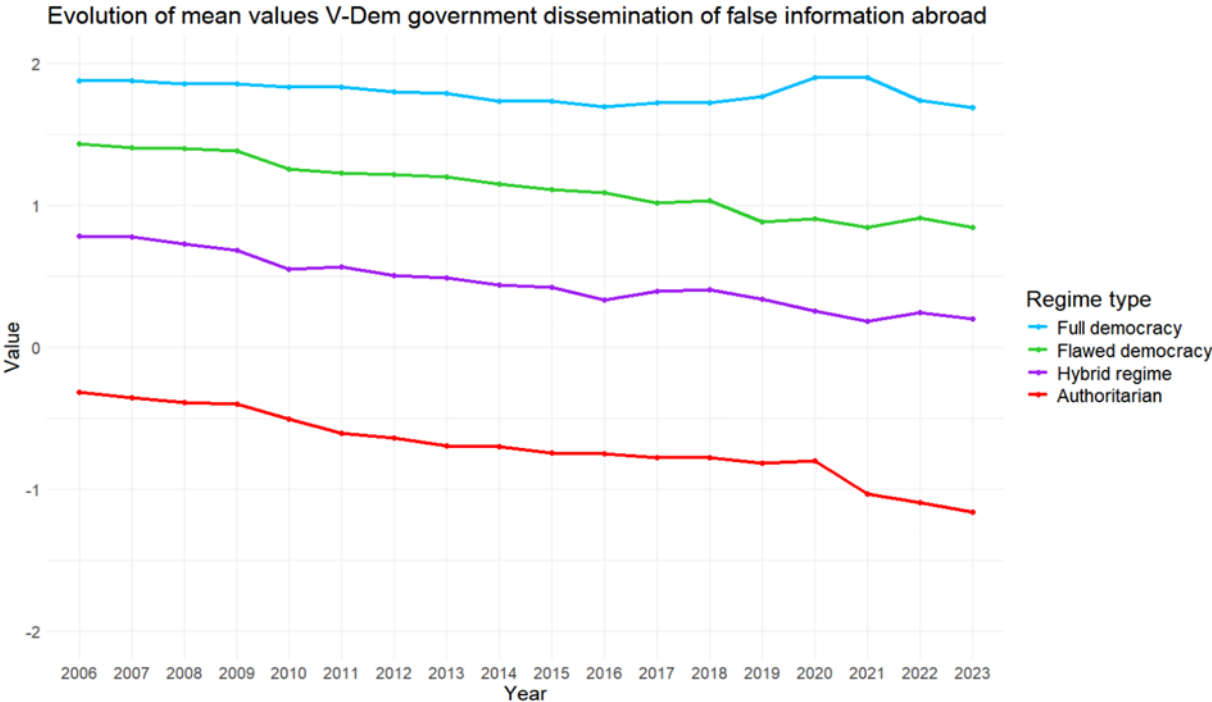
7.1 Top 30 countries with biggest decreases of assessements for (v2smregcon): Legal internet regulation content 2019-2020 and 2022-2023

Country	v2smregcon2020	Country	v2smregcon2023
Mauritania	-1.183	Cuba	-3.611
Canada	-0.993	North Korea	-3.583
Belarus	-0.92	United Arab Emirates	-3.344
Iceland	-0.81	China	-3.207
Burkina Faso	-0.737	Saudi Arabia	-3.117
South Africa	-0.603	Eritrea	-2.912
United States	-0.596	Equatorial Guinea	-2.854
Timor-Leste	-0.591	Belarus	-2.847
Bangladesh	-0.549	Oman	-2.841
Netherlands	-0.547	Qatar	-2.688
Turkmenistan	-0.413	Afghanistan	-2.581
Panama	-0.406	Syria	-2.477
Spain	-0.395	Turkmenistan	-2.473
Togo	-0.347	Jordan	-2.471
India	-0.311	Uzbekistan	-2.373
Hungary	-0.27	Cambodia	-2.362
Uruguay	-0.265	Djibouti	-2.335
Haiti	-0.262	Tajikistan	-2.17
Armenia	-0.258	Venezuela	-2.139
Colombia	-0.226	Laos	-2.046
Niger	-0.22	Republic of the Congo	-2.044

Country		Country	
Honduras	-0.166	India	-2.031
Russia	-0.139	Bahrain	-1.865
Nepal	-0.111	Iran	-1.811
Zimbabwe	-0.1	Rwanda	-1.81
Iran	-0.097	Vietnam	-1.803
Turkey	-0.048	Nicaragua	-1.697
Ukraine	-0.032	Russia	-1.678
Georgia	-0.02	Senegal	-1.646
Kazakhstan	-0.017		

7.2 Top 30 countries with biggest decreases of assessements for (v2mecenefi): Internet censorship effort 2019-2020 and 2022-2023

Country	v2mecenefi2020	Country	v2mecenefi2023
United Kingdom	-1.092	North Korea	-4.091
Algeria	-1.032	Turkmenistan	-3.371
Liberia	-0.999	Uzbekistan	-2.766
Guinea	-0.898	Nicaragua	-2.701
Bulgaria	-0.889	Syria	-2.665
Mauritius	-0.875	Equatorial Guinea	-2.558
Albania	-0.836	Sudan	-2.337
Cuba	-0.795	China	-2.194
Spain	-0.761	United Arab Emirates	-2.086
Belarus	-0.755	Iran	-1.977
Mozambique	-0.612	Tajikistan	-1.94
Georgia	-0.602	Djibouti	-1.937
United States	-0.559	Cuba	-1.92
El Salvador	-0.548	Belarus	-1.907
Tanzania	-0.443	Bangladesh	-1.897
Croatia	-0.397	Eswatini	-1.871
Latvia	-0.396	Burma/Myanmar	-1.811
Sri Lanka	-0.378	Oman	-1.675
Togo	-0.372	Guinea	-1.615
United Arab Emirates	-0.32	Republic of the Congo	-1.507
Burundi	-0.308	Ethiopia	-1.465
Senegal	-0.246	Algeria	-1.395
Bolivia	-0.227	Yemen	-1.377
Mongolia	-0.166	Russia	-1.37
Bangladesh	-0.15	Eritrea	-1.367
Qatar	-0.142	Afghanistan	-1.16
Central African Republic	-0.116	Venezuela	-1.142
Ukraine	-0.037	Saudi Arabia	-1.114
Afghanistan	0	Combodia	-1.109
		Kazakhstan	-1.097
Argentina	0		

7.3 Top 30 countries with biggest decreases of assessements for (v2smgovsmcenprc): Government social media censorship in practice 2019-2020 and 2022-2023

Country	v2smgovsmcenprc2020	Country	v2smgovsmcenprc2023
Guinea	-3.152	North Korea	-4.796
Belarus	-0.993	Bangladesh	-3.44
Armenia	-0.867	Turkmenistan	-3.344
Romania	-0.797	Burma/Myanmar	-2.809
Côte d'Ivoire	-0.796	China	-2.71
Czechia	-0.611	Guinea	-2.595
Timor-Leste	-0.528	Eritrea	-2.536
Mauritius	-0.522	Nicaragua	-2.406
Kenya	-0.481	Afghanistan	-2.333
Honduras	-0.458	United Arab Emirates	-2.129
Brazil	-0.456	Iran	-2.001
El Salvador	-0.438	Russia	-1.931
Kyrgyzstan	-0.368	Syria	-1.742
Madagascar	-0.368	Uzbekistan	-1.704
Bhutan	-0.348	Qatar	-1.672
India	-0.322	Tajikistan	-1.637
Ethiopia	-0.29	Ethiopia	-1.616
Cyprus	-0.286	Rwanda	-1.545
Colombia	-0.256	Djibouti	-1.517
Fiji	-0.216	Vietnam	-1.448
Venezuela	-0.208	Jordan	-1.388
Bangladesh	-0.195	Cameroon	-1.362
Azerbaijan	-0.192	Sudan	-1.362
Thailand	-0.175	Equatorial Guinea	-1.447
Morocco	-0.116	Yemen	-1.443
Kazakhstan	-0.108	Turkey	-1.345
Nigeria	-0.098	Kuwait	-1.267
Georgia	-0.09	Kazakhstan	-1.258
Serbia	-0.086	Algeria	-1.241
Ukraine	-0.076		

7.4 Top 25 countries with strongest increases of internet control from 2019 to 2023

Legal internet regulation content		Social media censorship		Internet censorship effort		Internet shut down		Social media shut down		Dissemination of false information domestic		Dissemination of false information abroad	
Afghanistan	-2.71	Burma/ Myanmar	-2.70	Burma/ Myanmar	-2.34	Belarus	-3.42	Russia	-3.09	Burma/ Myanmar	-3.87	Burma/ Myanmar	-3.76
El Salvador	-2.10	Afghanistan	-2.42	Hong Kong	-2.04	Senegal	-2.2	Belarus	-2.68	Belarus	-2.81	Belarus	-2.88
Belarus	-1.76	Belarus	-2.14	Senegal	-1.93	Mongolia	-1.92	Burma/ Myanmar	-2.23	Costa Rica	-2.13	Guyana	-2.5
Hong Kong	-1.66	Guinea	-1.76	Belarus	-1.58	Guinea	-1.88	Senegal	-2.19	Nicaragua	-1.78	Nicaragua	-2.17
Nicaragua	-1.19	Hong Kong	-1.50	Ethiopia	-1.48	Eswatini	-1.47	Eswatini	-1.91	Armenia	-1.62	Central African Republic	-1.91
Burkina Faso	-1.19	Angola	-1.35	Afghanistan	-1.47	Ukraine	-1.38	Guinea	-1.67	Burkina Faso	-1.51	Haiti	-1.82
Trinidad and Tobago	-1.13	Moldova	-1.20	Guinea	-1.40	Mali	-1.36	United States of America	-1.40	Zimbabwe	-1.42	Azerbaijan	-1.33
Senegal	-0.851	South Korea	-1.14	Burkina Faso	-1.31	Sudan	-1.23	Mongolia	-1.33	Mali	-1.38	Slovenia	-1.23
Armenia	-0.677	Chile	-1.14	Central African Republic	-1.19	Burma/ Myanmar	-1.16	Colombia	-0.97	South Korea	-1.38	Zimbabwe	-1.18
Sri Lanka	-0.66	Palestine/ Gaza	-1.13	United Kingdom	-1.12	Fiji	-1.12	Nicaragua	-0.967	Slovakia	-1.28	Guinea	-1.16
Jordan	-0.646	Russia	-1.10	Russia	-1.12	Panama	-1.02	Ethiopia	-0.954	Guatemala	-1.19	Eritrea	-1.15
Turkmenistan	-0.601	Nicaragua	-1.08	Finland	-1.07	Slovakia	-0.958	Sudan	-0.932	Ghana	-1.15	Mali	-1.14
Hungary	-0.598	Kyrgyzstan	-1.06	Liberia	-1.07	Serbia	-0.914	Chile	-0.929	Peru	-1.14	Guatemala	-1.09
Guinea	-0.57	Bangladesh	-0.977	Mongolia	-1.02	Uganda	-0.907	Mali	-0.88	Haiti	-1.14	Burkina Faso	-1.08
Israel	-0.561	Armenia	-0.966	Sudan	-0.967	Afghanistan	-0.899	Nigeria	-0.861	Botswana	-1.12	Slovakia	-1.08

United States of America	-0.52	Guinea-Bissau	-0.962	Mauritius	-0.964	United States of America	-0.877	Ireland	-0.854	Afghanistan	-1.11	Lebanon	-1.07
Kuwait	-0.478	Mongolia	-0.835	Kyrgyzstan	-0.958	Cuba	-0.864	Eritrea	-0.837	Sudan	-1.01	Cyprus	-0.976
Vietnam	-0.467	Suriname	-0.834	Moldova	-0.956	Russia	-0.859	Burkina Faso	-0.808	Iceland	-0.926	Costa Rica	-0.954
India	-0.442	Senegal	-0.805	Latvia	-0.951	Czechia	-0.734	Malaysia	-0.8	Netherlands	-0.911	Peru	-0.95
Suriname	-0.439	Palestine/West Bank	-0.767	Ivory Coast	-0.912	Iran	-0.709	Uganda	-0.777	Senegal	-0.894	Mongolia	-0.9
Timo-Leste	-0.394	Guyana	-0.673	Eswatini	-0.887	Nigeria	-0.648	Afghanistan	-0.71	Slovenia	-0.888	El Salvador	-0.879
Russia	-0.391	Peru	-0.647	Nicaragua	-0.854	Ethiopia	-0.595	Cuba	-0.643	Russia	-0.858	Russia	-0.857
Uruguay	-0.384	Guatemala	-0.627	Montenegro	-0.834	North Korea	-0.574	Algeria	-0.593	Azerbaijan	-0.784	Bulgaria	-0.846
Poland	-0.382	Ukraine	-0.623	Estonia	-0.829	Mauritius	-0.564	Namibia	-0.544	Guyana	-0.783	Afghanistan	-0.843
Rwanda	-0.38	Malaysia	-0.598	Nigeria	-0.813	Croatia	-0.555	Azerbaijan	-0.537	Finland	-0.756	Kyrgyzstan	-0.731

Legal internet regulation content

country	`2019`	`2023`	Difference
<fct>	<dbl>	<dbl>	<dbl>
1 Afghanistan	0.132	-2.58	-2.71
2 El Salvador	2.09	-0.01	-2.10
3 Belarus	-1.08	-2.85	-1.76
4 Hong Kong	0.34	-1.32	-1.66
5 Nicaragua	-0.503	-1.70	-1.19
6 Burkina Faso	1.11	-0.079	-1.19
7 Trinidad and Tobago	0.916	-0.211	-1.13
8 Senegal	-0.795	-1.65	-0.851
9 Armenia	1.68	1.01	-0.677
10 Sri Lanka	-0.077	-0.737	-0.66
11 Jordan	-1.82	-2.47	-0.646
12 Turkmenistan	-1.87	-2.47	-0.601
13 Hungary	1.53	0.929	-0.598
14 Guinea	-0.058	-0.628	-0.57
15 Israel	1.46	0.896	-0.561
16 United States of America	2.66	2.14	-0.52
17 Kuwait	-0.531	-1.01	-0.478
18 Vietnam	-1.34	-1.80	-0.467
19 India	-1.59	-2.03	-0.442
20 Suriname	1.32	0.883	-0.439
21 Timor-Leste	1.36	0.962	-0.394
22 Russia	-1.29	-1.68	-0.391
23 Uruguay	2.19	1.81	-0.384
24 Poland	1.86	1.48	-0.382
25 Rwanda	-1.43	-1.81	-0.38

Internet censorship effort

country	`2019`	`2023`	Difference
<fct>	<dbl>	<dbl>	<dbl>
1 Burma/Myanmar	0.529	-1.81	-2.34
2 Hong Kong	1.59	-0.452	-2.04
3 Senegal	1.69	-0.235	-1.93
4 Belarus	-0.329	-1.91	-1.58
5 Ethiopia	0.018	-1.46	-1.48
6 Afghanistan	0.312	-1.16	-1.47
7 Guinea	-0.211	-1.62	-1.40
8 Burkina Faso	0.779	-0.528	-1.31
9 Central African Republic	0.543	-0.651	-1.19
10 United Kingdom	1.70	0.583	-1.12
11 Russia	-0.255	-1.37	-1.12
12 Finland	2.00	0.932	-1.07
13 Liberia	1.59	0.521	-1.07
14 Mongolia	1.17	0.152	-1.02
15 Sudan	-1.37	-2.34	-0.967
16 Mauritius	1.02	0.053	-0.964
17 Kyrgyzstan	0.416	-0.542	-0.958
18 Moldova	1.01	0.058	-0.956
19 Latvia	1.90	0.946	-0.951
20 Ivory Coast	1.40	0.486	-0.912
21 Eswatini	-0.984	-1.87	-0.887
22 Nicaragua	-1.85	-2.70	-0.854
23 Montenegro	1.44	0.606	-0.834
24 Estonia	1.79	0.963	-0.829
25 Nigeria	1.30	0.485	-0.813

Social media censorship

country	`2019`	`2023`	Difference
<fct>	<dbl>	<dbl>	<dbl>
1 Burma/Myanmar	-0.107	-2.81	-2.70
2 Afghanistan	0.09	-2.33	-2.42
3 Belarus	1.58	-0.554	-2.14

```
 4  Guinea                    -0.832 -2.60      -1.76
 5  Hong Kong                  0.448 -1.05      -1.50
 6  Angola                     1.68   0.334     -1.35
 7  Moldova                    1.53   0.322     -1.20
 8  South Korea                1.76   0.618     -1.14
 9  Chile                      2.05   0.914     -1.14
10  Palestine/Gaza            -0.012 -1.14      -1.13
11  Russia                    -0.826 -1.93      -1.10
12  Nicaragua                 -1.33  -2.41      -1.08
13  Kyrgyzstan                 0.508 -0.551     -1.06
14  Bangladesh                -2.46  -3.44      -0.977
15  Armenia                    1.81   0.846     -0.966
16  Guinea-Bissau              1.91   0.946     -0.962
17  Mongolia                   1.14   0.303     -0.835
18  Suriname                   1.34   0.507     -0.834
19  Senegal                    1.46   0.659     -0.805
20  Palestine/West Bank        0.815  0.048     -0.767
21  Guyana                     0.94   0.267     -0.673
22  Peru                       1.77   1.13      -0.647
23  Guatemala                  2.21   1.58      -0.627
24  Ukraine                    0.53  -0.093     -0.623
25  Malaysia                   0.522 -0.076     -0.598
```

Internet shut down

country	`2019`	`2023`	Difference
<fct>	*<dbl>*	*<dbl>*	*<dbl>*
1 Belarus	1.68	-1.74	-3.42
2 Senegal	1.89	-0.306	-2.2
3 Mongolia	1.60	-0.322	-1.92
4 Guinea	-0.374	-2.25	-1.88
5 Eswatini	-0.277	-1.74	-1.47
6 Ukraine	0.815	-0.569	-1.38
7 Mali	0.014	-1.35	-1.36
8 Sudan	-1.95	-3.18	-1.23
9 Burma/Myanmar	-1.11	-2.27	-1.16
10 Fiji	0.969	-0.154	-1.12
11 Panama	1.81	0.791	-1.02
12 Slovakia	1.93	0.969	-0.958
13 Serbia	1.34	0.423	-0.914
14 Uganda	-0.479	-1.39	-0.907
15 Afghanistan	0.127	-0.772	-0.899
16 United States of America	1.96	1.08	-0.877
17 Cuba	-0.744	-1.61	-0.864
18 Russia	-0.177	-1.04	-0.859
19 Czechia	1.92	1.18	-0.734
20 Iran	-1.38	-2.09	-0.709
21 Nigeria	1.08	0.429	-0.648
22 Ethiopia	-1.34	-1.94	-0.595
23 North Korea	-3.49	-4.06	-0.574
24 Mauritius	0.996	0.432	-0.564
25 Croatia	1.83	1.28	-0.555

Social media shut down

country	`2019`	`2023`	Difference
<fct>	*<dbl>*	*<dbl>*	*<dbl>*
1 Russia	0.451	-2.64	-3.09
2 Belarus	1.86	-0.824	-2.68
3 Burma/Myanmar	-0.535	-2.76	-2.23
4 Senegal	2.01	-0.186	-2.19
5 Eswatini	0.235	-1.67	-1.91
6 Guinea	0.323	-1.35	-1.67
7 United States of America	1.87	0.469	-1.40
8 Mongolia	1.5	0.173	-1.33
9 Colombia	2.02	1.05	-0.97
10 Nicaragua	-0.609	-1.58	-0.967

```
11  Ethiopia                -1.20  -2.15        -0.954
12  Sudan                   -2.43  -3.36        -0.932
13  Chile                    1.95   1.02        -0.929
14  Mali                    -0.251 -1.13        -0.88
15  Nigeria                  1.58   0.718       -0.861
16  Ireland                  1.75   0.897       -0.854
17  Eritrea                 -1.92  -2.76        -0.837
18  Burkina Faso             0.653 -0.155       -0.808
19  Malaysia                 0.925  0.125       -0.8
20  Uganda                  -0.661 -1.44        -0.777
21  Afghanistan             -0.36  -1.07        -0.71
22  Cuba                    -0.734 -1.38        -0.643
23  Algeria                 -1.44  -2.03        -0.593
24  Namibia                  1.77   1.22        -0.544
25  Azerbaijan              -0.168 -0.705       -0
```

Dissemination of false information domestic

```
country                 `2019` `2023` Difference
   <fct>                 <dbl>  <dbl>      <dbl>
 1 Burma/Myanmar          0.853 -3.02      -3.87
 2 Belarus                0.258 -2.55      -2.81
 3 Costa Rica             2.57   0.44      -2.13
 4 Nicaragua             -1.61  -3.39      -1.78
 5 Armenia                0.624 -0.999     -1.62
 6 Burkina Faso           0.755 -0.756     -1.51
 7 Zimbabwe              -1.25  -2.67      -1.42
 8 Mali                   1.26  -0.125     -1.38
 9 South Korea            2.06   0.677     -1.38
10 Slovakia               1.73   0.454     -1.28
11 Guatemala             -1.06  -2.26      -1.19
12 Ghana                  1.69   0.539     -1.15
13 Peru                   1.46   0.316     -1.14
14 Haiti                 -0.509 -1.65      -1.14
15 Botswana               1.24   0.122     -1.12
16 Afghanistan           -1.39  -2.50      -1.11
17 Sudan                 -1.19  -2.19      -1.01
18 Iceland                1.89   0.966     -0.926
19 Netherlands            2.54   1.62      -0.911
20 Senegal                1.15   0.255     -0.894
21 Slovenia               1.65   0.758     -0.888
22 Russia                -2.58  -3.44      -0.858
23 Azerbaijan            -2.33  -3.12      -0.784
24 Guyana                -0.367 -1.15      -0.783
25 Finland                2.74   1.99      -0.756
```

Dissemination of false information abroad

```
  country                   `2019` `2023` Difference
   <fct>                     <dbl>  <dbl>      <dbl>
 1 Burma/Myanmar              0.808 -2.96      -3.76
 2 Belarus                    0.708 -2.18      -2.88
 3 Guyana                     0.87  -1.63      -2.5
 4 Nicaragua                 -1.24  -3.41      -2.17
 5 Central African Republic   0.195 -1.72      -1.91
 6 Haiti                      0.739 -1.08      -1.82
 7 Azerbaijan                -1.63  -2.96      -1.33
 8 Slovenia                   1.75   0.524     -1.23
 9 Zimbabwe                  -1.56  -2.73      -1.18
10 Guinea                     0.303 -0.854     -1.16
11 Eritrea                   -1.94  -3.09      -1.15
12 Mali                       0.811 -0.33      -1.14
13 Guatemala                 -0.244 -1.33      -1.09
14 Burkina Faso               0.542 -0.54      -1.08
15 Slovakia                   2.41   1.33      -1.08
16 Lebanon                   -0.454 -1.52      -1.07
17 Cyprus                     1.70   0.72      -0.976
18 Costa Rica                 2.03   1.08      -0.954
19 Peru                       2.10   1.15      -0.95
```

```
20  Mongolia              1.47   0.57      -0.9
21  El Salvador          0.039 -0.84      -0.879
22  Russia               -1.95 -2.81      -0.857
23  Bulgaria              1.62  0.777      -0.846
24  Afghanistan          -1.66 -2.50      -0.843
25  Kyrgyzstan           0.762  0.031      -0.731
```

Transparency Report Data

8 Evolution of Twitter removal requests per regime type for the years 2012–2021
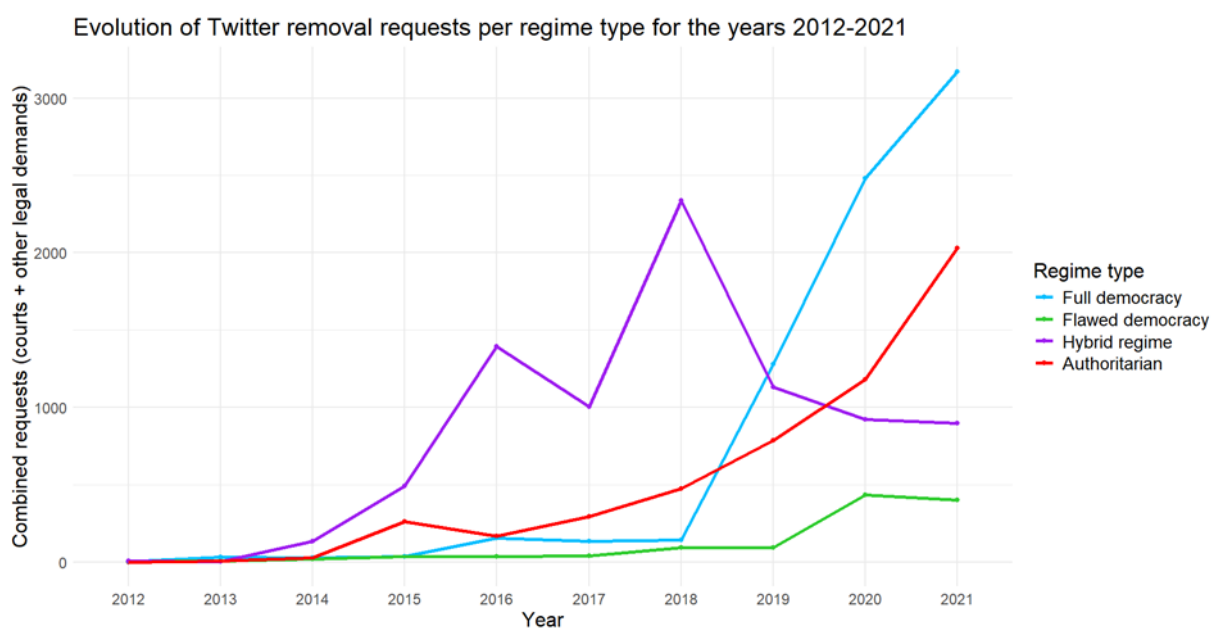
Appendix B

Freedom on the Net Reports

9.1 Bivariate distribution of FOTN and EDI scores 2023
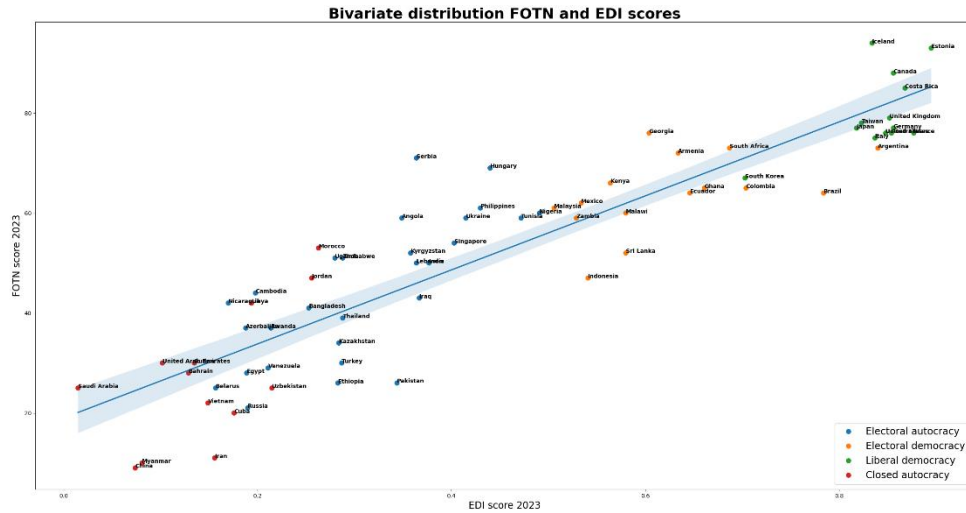
Residuals:
count   6.900000e+01
mean   -3.054602e-14
std   6.279144e-02
min   -1.269490e-01
25%   -4.194923e-02
50%   5.193792e-03
75%   3.314279e-02
max   1.709906e-01
dtype: float64

OLS Regression Results

===

Dep. Variable:	EDI_score	R-squared:	0.942
Model:	OLS	Adj. R-squared:	0.939
Method:	Least Squares	F-statistic:	261.2
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	7.15e-39
Time:	13:59:54	Log-Likelihood:	93.585
No. Observations:	69	AIC:	-177.2
Df Residuals:	64	BIC:	-166.0
Df Model:	4		
Covariance Type:	nonrobust		

===
=======================

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.0220	0.026	0.858	0.394	-0.029	0.073
C(Political_regime)[T.Electoral autocracy]	0.0770	0.025	3.114	0.003	0.028	0.126
C(Political_regime)[T.Electoral democracy]	0.3029	0.035	8.673	0.000	0.233	0.373
C(Political_regime)[T.Liberal democracy]	0.4406	0.044	10.047	0.000	0.353	0.528
FOTN_score	0.0047	0.001	6.988	0.000	0.003	0.006

===

Omnibus:	1.223	Durbin-Watson:		2.045			
Prob(Omnibus):	0.543	Jarque-Bera (JB):		0.833			
Skew:	0.265	Prob(JB):		0.659			
Kurtosis:	3.091	Cond. No.		411.			

==

Notes:

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

Spearman correlation coefficient: 0.9250781850547468

Robust regression model:

Robust linear Model Regression Results

==

Dep. Variable:	EDI_score	No. Observations:	69
Model:	RLM	Df Residuals:	64
Method:	IRLS	Df Model:	4
Norm:	HuberT		
Scale Est.:	mad		
Cov Type:	H1		
Date:	Wed, 07 Aug 2024		
Time:	13:59:54		
No. Iterations:	14		

==

	coef	std err	z	P>|z|	[0.025	0.975]
Intercept	0.0289	0.025	1.141	0.254	-0.021	0.078
C(Political_regime)[T.Electoral autocracy]	0.0754	0.024	3.090	0.002	0.028	0.123
C(Political_regime)[T.Electoral democracy]	0.2922	0.034	8.478	0.000	0.225	0.360
C(Political_regime)[T.Liberal democracy]	0.4437	0.043	10.253	0.000	0.359	0.529
FOTN_score	0.0046	0.001	6.893	0.000	0.003	0.006

==

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

9.2 Bivariate distribution of FOTN limits on content and EDI scores 2023

Bivariate distribution FOTN limits on content and EDI scores
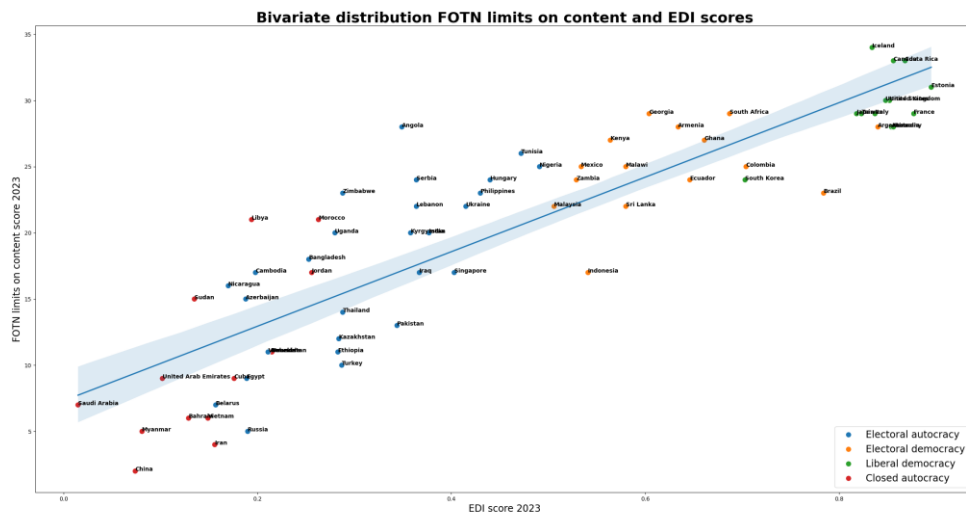
Residuals:

count   6.900000e+01

```
mean   -5.937280e-15
std     6.350725e-02
min    -1.268890e-01
25%    -4.626667e-02
50%     5.122755e-03
75%     3.950410e-02
max     1.817546e-01
dtype: float64
```

OLS Regression Results

```
==============================================================================
Dep. Variable:          EDI_score   R-squared:                    0.941
Model:                        OLS   Adj. R-squared:               0.937
Method:             Least Squares   F-statistic:                  255.0
Date:            Wed, 07 Aug 2024   Prob (F-statistic):        1.47e-38
Time:                    13:59:54   Log-Likelihood:              92.802
No. Observations:              69   AIC:                         -175.6
Df Residuals:                  64   BIC:                         -164.4
Df Model:                       4
Covariance Type:        nonrobust
================================================================================
=====================
                                    coef   std err       t    P>|t|    [0.025    0.975]
--------------------------------------------------------------------------------
Intercept                         0.0406    0.024   1.675   0.099   -0.008    0.089
C(Political_regime)[T.Electoral autocracy]  0.0858   0.024   3.502   0.001   0.037   0.135
C(Political_regime)[T.Electoral democracy]  0.3192   0.034   9.410   0.000   0.251   0.387
C(Political_regime)[T.Liberal democracy]    0.4822   0.040  12.069   0.000   0.402   0.562
FOTN_limits_on_content_score      0.0107    0.002   6.804   0.000   0.008   0.014
==============================================================================
Omnibus:                    2.094   Durbin-Watson:                2.207
Prob(Omnibus):              0.351   Jarque-Bera (JB):             1.434
Skew:                       0.325   Prob(JB):                     0.488
Kurtosis:                   3.275   Cond. No.                      145.
==============================================================================
```

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: 0.9096604138570328
Robust regression model:

Robust linear Model Regression Results

```
==============================================================================
Dep. Variable:          EDI_score   No. Observations:                69
Model:                        RLM   Df Residuals:                    64
Method:                      IRLS   Df Model:                         4
Norm:                      HuberT
Scale Est.:                   mad
Cov Type:                      H1
Date:            Wed, 07 Aug 2024
Time:                    13:59:54
No. Iterations:                19
================================================================================
=====================
                                    coef   std err       z    P>|z|    [0.025    0.975]
--------------------------------------------------------------------------------
Intercept                         0.0441    0.024   1.859   0.063   -0.002    0.091
C(Political_regime)[T.Electoral autocracy]  0.0883   0.024   3.678   0.000   0.041   0.135
C(Political_regime)[T.Electoral democracy]  0.3054   0.033   9.186   0.000   0.240   0.371
C(Political_regime)[T.Liberal democracy]    0.4850   0.039  12.384   0.000   0.408   0.562
```

FOTN_limits_on_content_score	0.0104	0.002	6.803	0.000	0.007	0.013

```
================================================================================
======================
```

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

V-Dem Data

10.1 Bivariate distribution of V-Dem internet legal regulation content (v2smregcon) and EDI score 2020

Bivariate distribution V-Dem internet legal regulation content (v2smregcon) and EDI scores
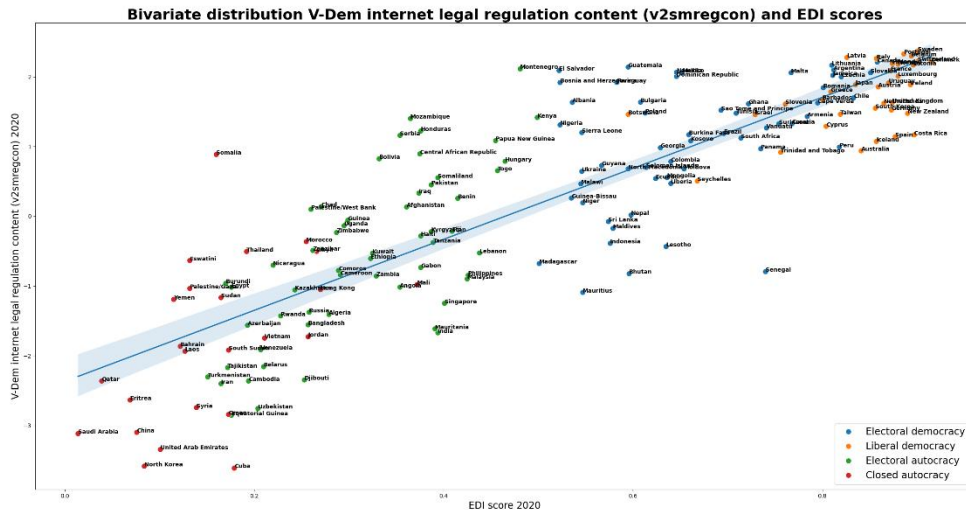
Residuals:
```
count    1.710000e+02
mean     2.986565e-16
std      7.443453e-02
min     -2.327631e-01
25%     -4.922989e-02
50%      3.891738e-03
75%      4.901394e-02
max      1.771622e-01
dtype: float64
```

OLS Regression Results

```
==============================================================================
```

Dep. Variable:	EDI_score	R-squared:	0.918
Model:	OLS	Adj. R-squared:	0.916
Method:	Least Squares	F-statistic:	462.4
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	7.77e-89
Time:	14:00:06	Log-Likelihood:	202.09
No. Observations:	171	AIC:	-394.2
Df Residuals:	166	BIC:	-378.5
Df Model:	4		
Covariance Type:	nonrobust		

```
==============================================================================
======================
```

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.2547	0.019	13.572	0.000	0.218	0.292
C(Political_regime)[T.Electoral autocracy]	0.0953	0.020	4.826	0.000	0.056	0.134
C(Political_regime)[T.Electoral democracy]	0.3504	0.025	13.959	0.000	0.301	0.400

	coef	std err	z	P>|z|	[0.025	0.975]
C(Political_regime)[T.Liberal democracy]	0.4956	0.029	17.039	0.000	0.438	0.553
v2smregcon	0.0531	0.006	8.868	0.000	0.041	0.065

Omnibus:	0.937	Durbin-Watson:	1.796
Prob(Omnibus):	0.626	Jarque-Bera (JB):	0.734
Skew:	-0.158	Prob(JB):	0.693
Kurtosis:	3.061	Cond. No.	12.3De

Notes:

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

Spearman correlation coefficient: 0.8507973766195018

Robust regression model:

Robust linear Model Regression Results

Dep. Variable:	EDI_score	No. Observations:	171
Model:	RLM	Df Residuals:	166
Method:	IRLS	Df Model:	4
Norm:	HuberT		
Scale Est.:	mad		
Cov Type:	H1		
Date:	Wed, 07 Aug 2024		
Time:	14:00:06		
No. Iterations:	19		

	coef	std err	z	P>|z|	[0.025	0.975]
Intercept	0.2588	0.019	13.772	0.000	0.222	0.296
C(Political_regime)[T.Electoral autocracy]	0.0906	0.020	4.584	0.000	0.052	0.129
C(Political_regime)[T.Electoral democracy]	0.3452	0.025	13.733	0.000	0.296	0.395
C(Political_regime)[T.Liberal democracy]	0.4904	0.029	16.835	0.000	0.433	0.547
v2smregcon	0.0566	0.006	9.440	0.000	0.045	0.068

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

10.2 Bivariate distribution of V-Dem internet censorship effort (v2mecenefi) and EDI score 2020

Bivariate distribution V-Dem internet censorship effort (v2mecenefi) and EDI scores
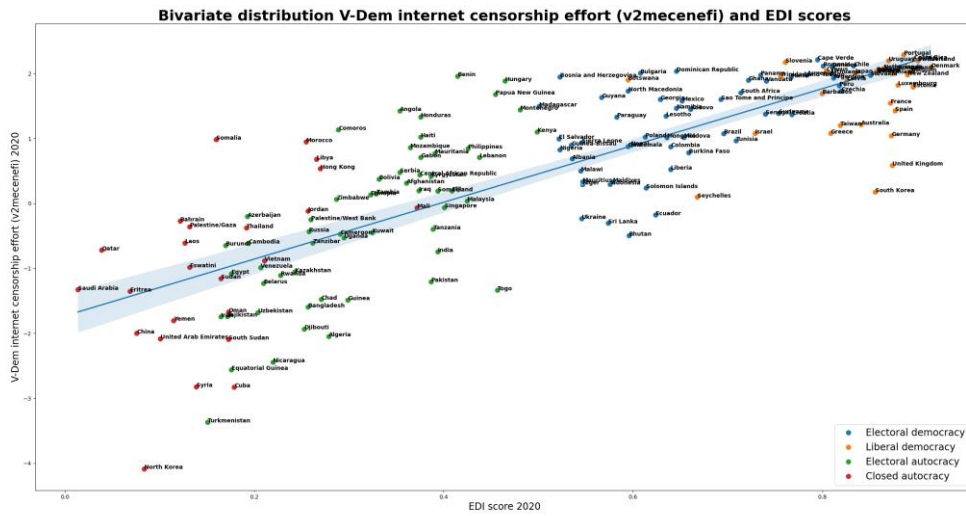
Residuals:
count   1.710000e+02
mean   -4.733056e-16
std   7.244426e-02
min   -2.571123e-01
25%   -4.507757e-02
50%   3.329544e-03
75%   4.387731e-02
max   1.980425e-01
dtype: float64

                    OLS Regression Results
==
Dep. Variable: EDI_score   R-squared: 0.922
Model: OLS   Adj. R-squared: 0.920
Method: Least Squares   F-statistic: 490.5
Date: Wed, 07 Aug 2024   Prob (F-statistic):   8.68e-91
Time: 14:00:06   Log-Likelihood: 206.73
No. Observations: 171   AIC: -403.5
Df Residuals: 166   BIC: -387.7
Df Model: 4
Covariance Type: nonrobust
==
========================
                                 coef   std err   t   P>|t| [0.025   0.975]

Intercept   0.2170   0.016   13.457   0.000   0.185   0.249
C(Political_regime)[T.Electoral autocracy]   0.1175   0.018   6.383   0.000   0.081   0.154
C(Political_regime)[T.Electoral democracy]   0.3746   0.022   16.826   0.000   0.331   0.419
C(Political_regime)[T.Liberal democracy]   0.5277   0.025   20.850   0.000   0.478   0.578
v2mecenefi   0.0565   0.006   9.606   0.000   0.045   0.068
==
Omnibus: 2.931   Durbin-Watson: 1.869
Prob(Omnibus):   0.231   Jarque-Bera (JB):   2.501
Skew: -0.225   Prob(JB):   0.286
Kurtosis: 3.385   Cond. No.   10.8
==

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: 0.8434800348610799
Robust regression model:

```
                    Robust linear Model Regression Results
==============================================================================
Dep. Variable:          EDI_score   No. Observations:              171
Model:                        RLM   Df Residuals:                  166
Method:                      IRLS   Df Model:                        4
Norm:                      HuberT
Scale Est.:                   mad
Cov Type:                      H1
Date:            Wed, 07 Aug 2024
Time:                    14:00:06
No. Iterations:                19
==============================================================================

========================
                                    coef    std err          z      P>|z|      [0.025      0.975]
------------------------------------------------------------------------------------------------
Intercept                         0.2180      0.017     12.955      0.000       0.185       0.251
C(Political_regime)[T.Electoral autocracy]    0.1159      0.019      6.032      0.000       0.078       0.154
C(Political_regime)[T.Electoral democracy]    0.3728      0.023     16.043      0.000       0.327       0.418
C(Political_regime)[T.Liberal democracy]      0.5306      0.026     20.084      0.000       0.479       0.582
v2mecenefi                        0.0577      0.006      9.403      0.000       0.046       0.070
==============================================================================

========================
```

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

10.3 Bivariate distribution of V-Dem government social media censorship (v2smgovsmcenprc) and EDI score 2020

Bivariate distribution V-Dem government social media censorship (v2smgovsmcenprc) and EDI scores

Residuals:
count   1.710000e+02
mean   -1.752984e-16
std   7.661196e-02
min   -2.315669e-01
25%   -4.783764e-02
50%   4.655040e-03

```
75%     5.530974e-02
max     1.496957e-01
dtype: float64
```

                OLS Regression Results
==
Dep. Variable: EDI_score   R-squared: 0.913
Model: OLS   Adj. R-squared: 0.911
Method: Least Squares   F-statistic: 434.2
Date: Wed, 07 Aug 2024   Prob (F-statistic):   9.27e-87
Time: 14:00:06   Log-Likelihood: 197.16
No. Observations: 171   AIC: -384.3
Df Residuals: 166   BIC: -368.6
Df Model: 4
Covariance Type: nonrobust
==
======================

                                    coef   std err   t   P>|t| [0.025   0.975]

Intercept   0.2289   0.018   12.695   0.000   0.193   0.264
C(Political_regime)[T.Electoral autocracy]   0.1108   0.020   5.579   0.000   0.072   0.150
C(Political_regime)[T.Electoral democracy]   0.3796   0.024   15.646   0.000   0.332   0.427
C(Political_regime)[T.Liberal democracy]   0.5283   0.028   18.774   0.000   0.473   0.584
v2smgovsmcenprc   0.0520   0.006   8.058   0.000   0.039   0.065
==
Omnibus: 2.718   Durbin-Watson: 1.849
Prob(Omnibus):   0.257   Jarque-Bera (JB):   2.722
Skew: -0.265   Prob(JB):   0.256
Kurtosis: 2.682   Cond. No.   10.7
==
```

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: 0.8326750264093878
Robust regression model:

```
                Robust linear Model Regression Results
==============================================================================
Dep. Variable:          EDI_score   No. Observations:         171
Model:                        RLM   Df Residuals:             166
Method:                      IRLS   Df Model:                   4
Norm:                      HuberT
Scale Est.:                   mad
Cov Type:                      H1
Date:            Wed, 07 Aug 2024
Time:                    14:00:06
No. Iterations:                20
==============================================================================
======================

                                    coef    std err      z      P>|z|    [0.025    0.975]
------------------------------------------------------------------------------
Intercept                          0.2285    0.019   11.903    0.000    0.191    0.266
C(Political_regime)[T.Electoral autocracy]   0.1109    0.021    5.249    0.000    0.070    0.152
C(Political_regime)[T.Electoral democracy]   0.3822    0.026   14.797    0.000    0.332    0.433
C(Political_regime)[T.Liberal democracy]     0.5354    0.030   17.870    0.000    0.477    0.594
v2smgovsmcenprc                    0.0515    0.007    7.496    0.000    0.038    0.065
==============================================================================
======================
```

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

10.4 Bivariate distribution of V-Dem government internet shut down in practice and (v2smgovshut) and EDI score 2020

Bivariate distribution V-Dem government internet shut down in practice (v2smgovshut) and EDI scores

Residuals:

```
count    1.710000e+02
mean     4.090295e-16
std      8.154495e-02
min     -2.482044e-01
25%     -5.899848e-02
50%      4.217211e-03
75%      5.335139e-02
max      2.313695e-01
dtype: float64
```

OLS Regression Results

Dep. Variable:	EDI_score	R-squared:	0.901
Model:	OLS	Adj. R-squared:	0.899
Method:	Least Squares	F-statistic:	378.4
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	2.89e-82
Time:	14:00:07	Log-Likelihood:	186.49
No. Observations:	171	AIC:	-363.0
Df Residuals:	166	BIC:	-347.3
Df Model:	4		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.1920	0.018	10.870	0.000	0.157	0.227
C(Political_regime)[T.Electoral autocracy]	0.1329	0.021	6.453	0.000	0.092	0.173
C(Political_regime)[T.Electoral democracy]	0.4232	0.024	17.735	0.000	0.376	0.470
C(Political_regime)[T.Liberal democracy]	0.5798	0.028	21.020	0.000	0.525	0.634
v2smgovshut	0.0398	0.006	6.151	0.000	0.027	0.053

Omnibus:	0.031	Durbin-Watson:	1.936
Prob(Omnibus):	0.985	Jarque-Bera (JB):	0.098
Skew:	0.031	Prob(JB):	0.952
Kurtosis:	2.900	Cond. No.	10.4

Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: 0.7763918247875301
Robust regression model:

```
              Robust linear Model Regression Results
==============================================================================
Dep. Variable:          EDI_score   No. Observations:          171
Model:                        RLM   Df Residuals:              166
Method:                      IRLS   Df Model:                    4
Norm:                       HuberT
Scale Est.:                    mad
Cov Type:                       H1
Date:            Wed, 07 Aug 2024
Time:                   14:00:07
No. Iterations:                 19
==============================================================================
========================
                                  coef    std err      z     P>|z|    [0.025    0.975]
------------------------------------------------------------------------------------------
Intercept                       0.1889    0.019   10.062    0.000    0.152    0.226
C(Political_regime)[T.Electoral autocracy]   0.1354   0.022    6.192   0.000   0.093   0.178
C(Political_regime)[T.Electoral democracy]   0.4214   0.025   16.622   0.000   0.372   0.471
C(Political_regime)[T.Liberal democracy]     0.5863   0.029   20.006   0.000   0.529   0.644
v2smgovshut                     0.0410    0.007    5.975    0.000    0.028    0.054
==============================================================================
========================
```

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

10.5 Bivariate distribution of V-Dem government social media shut down in practice (v2smgovsm) and EDI score 2020

Bivariate distribution V-Dem government social media shut down in practice (v2smgovsm) and EDI scores

Residuals:
count   1.710000e+02
mean   7.920889e-17
std   7.944199e-02
min   -2.550044e-01
25%   -4.810018e-02
50%   -1.928608e-03

75%   5.013753e-02
max   2.425746e-01
dtype: float64

OLS Regression Results

Dep. Variable:	EDI_score	R-squared:	0.906
Model:	OLS	Adj. R-squared:	0.904
Method:	Least Squares	F-statistic:	400.9
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	3.79e-84
Time:	14:00:07	Log-Likelihood:	190.96
No. Observations:	171	AIC:	-371.9
Df Residuals:	166	BIC:	-356.2
Df Model:	4		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.1945	0.017	11.329	0.000	0.161	0.228
C(Political_regime)[T.Electoral autocracy]	0.1292	0.020	6.431	0.000	0.090	0.169
C(Political_regime)[T.Electoral democracy]	0.4109	0.024	17.447	0.000	0.364	0.457
C(Political_regime)[T.Liberal democracy]	0.5757	0.026	21.885	0.000	0.524	0.628
v2smgovsm	0.0436	0.006	6.984	0.000	0.031	0.056

Omnibus:	0.374	Durbin-Watson:	1.895
Prob(Omnibus):	0.829	Jarque-Bera (JB):	0.130
Skew:	-0.017	Prob(JB):	0.937
Kurtosis:	3.131	Cond. No.	10.5

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: 0.7682337433275997
Robust regression model:

Robust linear Model Regression Results

Dep. Variable:	EDI_score	No. Observations:	171
Model:	RLM	Df Residuals:	166
Method:	IRLS	Df Model:	4
Norm:	HuberT		
Scale Est.:	mad		
Cov Type:	H1		
Date:	Wed, 07 Aug 2024		
Time:	14:00:07		
No. Iterations:	20		

	coef	std err	z	P>|z|	[0.025	0.975]
Intercept	0.1893	0.017	10.846	0.000	0.155	0.223
C(Political_regime)[T.Electoral autocracy]	0.1330	0.020	6.516	0.000	0.093	0.173
C(Political_regime)[T.Electoral democracy]	0.4129	0.024	17.247	0.000	0.366	0.460
C(Political_regime)[T.Liberal democracy]	0.5863	0.027	21.926	0.000	0.534	0.639
v2smgovsm	0.0445	0.006	7.021	0.000	0.032	0.057

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

10.6 Bivariate distribution of V-Dem government dissemination of false information domestic (v2smgovdom) and EDI score 2020

Bivariate distribution V-Dem government dissemination of false information domestic (v2smgovdom) and EDI scores

Residuals:

```
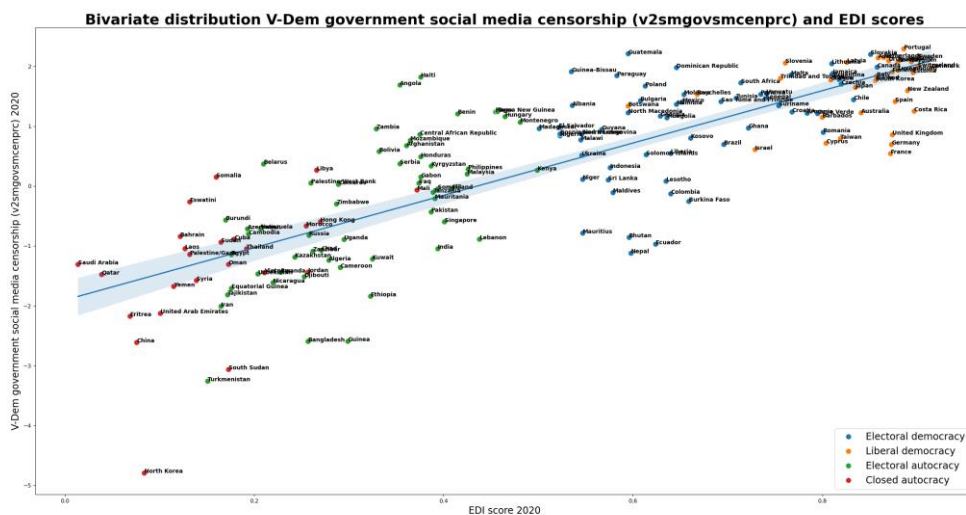count    1.710000e+02
mean    -3.700743e-17
std      7.735138e-02
min     -2.227994e-01
25%     -5.413352e-02
50%      4.135708e-03
75%      4.933776e-02
max      1.662712e-01
dtype: float64
```

                OLS Regression Results
==

Dep. Variable:	EDI_score	R-squared:	0.911
Model:	OLS	Adj. R-squared:	0.909
Method:	Least Squares	F-statistic:	425.1
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	4.56e-86
Time:	14:00:08	Log-Likelihood:	195.52
No. Observations:	171	AIC:	-381.0
Df Residuals:	166	BIC:	-365.3
Df Model:	4		
Covariance Type:	nonrobust		

==
========================

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.2242	0.018	12.438	0.000	0.189	0.260
C(Political_regime)[T.Electoral autocracy]	0.1427	0.019	7.426	0.000	0.105	0.181
C(Political_regime)[T.Electoral democracy]	0.4231	0.022	19.577	0.000	0.380	0.466
C(Political_regime)[T.Liberal democracy]	0.5408	0.028	19.543	0.000	0.486	0.595
v2smgovdom	0.0464	0.006	7.781	0.000	0.035	0.058

==

Omnibus:	0.804	Durbin-Watson:	1.957
Prob(Omnibus):	0.669	Jarque-Bera (JB):	0.920
Skew:	-0.109	Prob(JB):	0.631
Kurtosis:	2.715	Cond. No.	10.1

==

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: 0.796874690685349
Robust regression model:

```
                 Robust linear Model Regression Results
==============================================================================
Dep. Variable:          EDI_score   No. Observations:              171
Model:                        RLM   Df Residuals:                  166
Method:                      IRLS   Df Model:                        4
Norm:                      HuberT
Scale Est.:                   mad
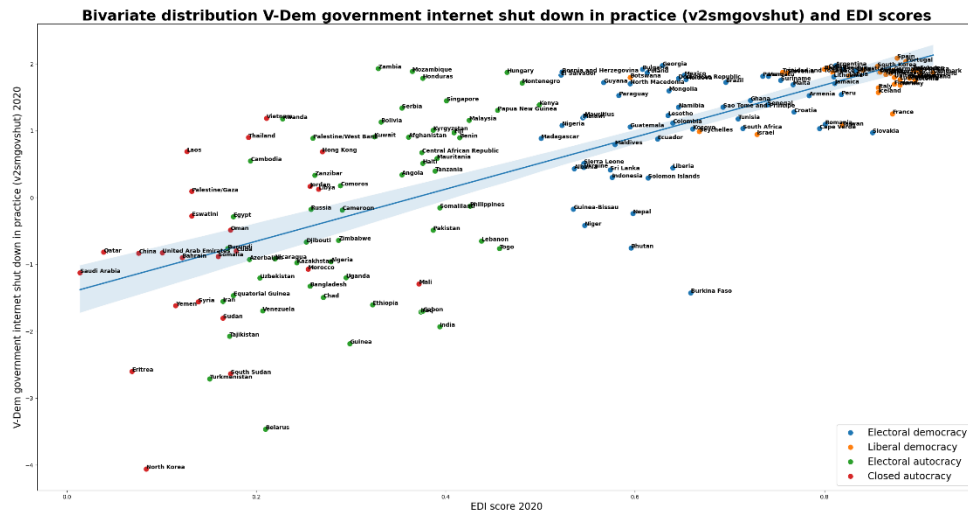Cov Type:                      H1
Date:            Wed, 07 Aug 2024
Time:                    14:00:08
No. Iterations:                18
==============================================================================
============================
                                      coef    std err        z    P>|z|     [0.025     0.975]
------------------------------------------------------------------------------------------------
Intercept                           0.2293     0.018   12.508    0.000      0.193      0.265
C(Political_regime)[T.Electoral autocracy]   0.1389   0.020    7.107    0.000      0.101      0.177
C(Political_regime)[T.Electoral democracy]   0.4137   0.022   18.828    0.000      0.371      0.457
C(Political_regime)[T.Liberal democracy]     0.5384   0.028   19.134    0.000      0.483      0.594
v2smgovdom                          0.0487     0.006    8.017    0.000      0.037      0.061
==============================================================================
============================
```

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

10.7 Bivariate distribution of V-Dem government dissemination of false information abroad (v2smgovab) and EDI score 2020

Bivariate distribution V-Dem government dissemination of false information abroad (v2smgovab) and EDI scores

Residuals:
count   1.710000e+02
mean   7.466412e-17
std   7.963244e-02
min   -2.255466e-01
25%   -5.347371e-02
50%   3.834004e-03

```
75%      4.683625e-02
max      1.750047e-01
dtype: float64
```

                    OLS Regression Results
==
Dep. Variable: EDI_score   R-squared: 0.906
Model: OLS   Adj. R-squared: 0.903
Method: Least Squares   F-statistic: 398.8
Date: Wed, 07 Aug 2024   Prob (F-statistic):   5.64e-84
Time: 14:00:08   Log-Likelihood: 190.55
No. Observations: 171   AIC: -371.1
Df Residuals: 166   BIC: -355.4
Df Model: 4
Covariance Type: nonrobust
==
======================

                                  coef   std err   t   P>|t| [0.025   0.975]

Intercept   0.2091   0.018   11.643   0.000   0.174   0.245
C(Political_regime)[T.Electoral autocracy]   0.1327   0.020   6.626   0.000   0.093   0.172
C(Political_regime)[T.Electoral democracy]   0.4128   0.024   17.551   0.000   0.366   0.459
C(Political_regime)[T.Liberal democracy]   0.5496   0.029   19.081   0.000   0.493   0.606
v2smgovab   0.0441   0.006   6.910   0.000   0.031   0.057
==
Omnibus: 0.070   Durbin-Watson: 2.048
Prob(Omnibus):   0.965   Jarque-Bera (JB):   0.207
Skew: -0.015   Prob(JB):   0.902
Kurtosis: 2.832   Cond. No.   10.5
==

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: 0.8195535955949647
Robust regression model:

            Robust linear Model Regression Results
==
Dep. Variable: EDI_score   No. Observations: 171
Model: RLM   Df Residuals: 166
Method: IRLS   Df Model: 4
Norm: HuberT
Scale Est.:   mad
Cov Type: H1
Date: Wed, 07 Aug 2024
Time: 14:00:08
No. Iterations: 21
==
======================

                                  coef   std err   z   P>|z| [0.025   0.975]

Intercept   0.2163   0.018   11.699   0.000   0.180   0.253
C(Political_regime)[T.Electoral autocracy]   0.1240   0.021   6.010   0.000   0.084   0.164
C(Political_regime)[T.Electoral democracy]   0.3976   0.024   16.423   0.000   0.350   0.445
C(Political_regime)[T.Liberal democracy]   0.5409   0.030   18.243   0.000   0.483   0.599
v2smgovab   0.0480   0.007   7.308   0.000   0.035   0.061
==
======================

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

11.1 Bivariate distribution of V-Dem internet legal regulation content (v2smregcon) and EDI score 2023

Bivariate distribution V-Dem internet legal regulation content (v2smregcon) and EDI scores

Residuals:

```
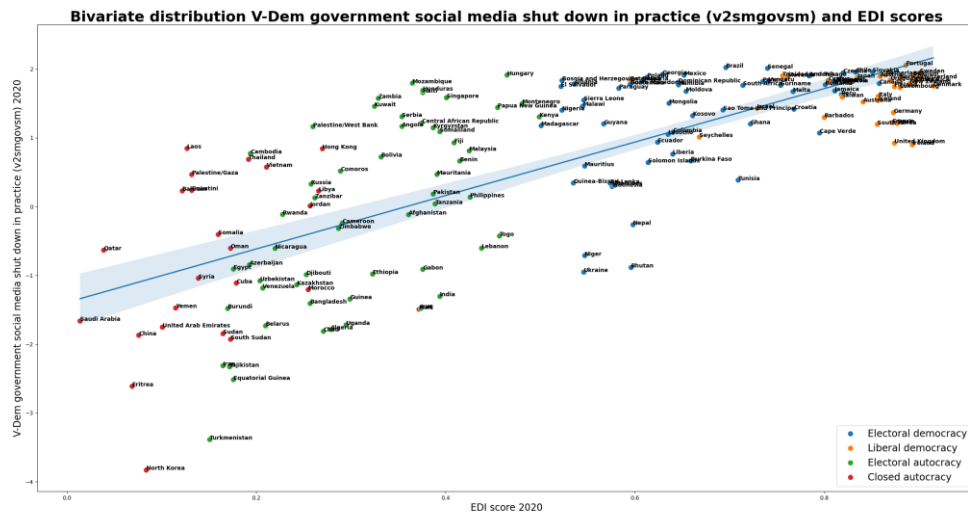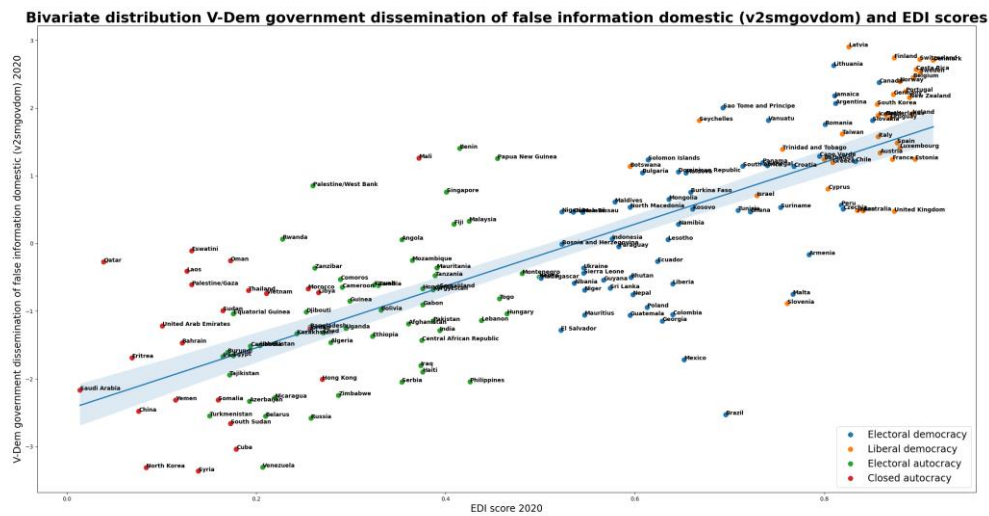count    1.710000e+02
mean     1.623133e-16
std      7.495512e-02
min     -2.034929e-01
25%     -4.264546e-02
50%     -4.142606e-03
75%      4.995242e-02
max      1.762599e-01
dtype: float64
```

OLS Regression Results

Dep. Variable:	EDI_score	R-squared:	0.918
Model:	OLS	Adj. R-squared:	0.916
Method:	Least Squares	F-statistic:	463.9
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	6.06e-89
Time:	14:00:09	Log-Likelihood:	200.90
No. Observations:	171	AIC:	-391.8
Df Residuals:	166	BIC:	-376.1
Df Model:	4		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.2478	0.016	15.150	0.000	0.215	0.280
C(Political_regime)[T.Electoral autocracy]	0.1101	0.018	6.065	0.000	0.074	0.146
C(Political_regime)[T.Electoral democracy]	0.3493	0.023	15.135	0.000	0.304	0.395
C(Political_regime)[T.Liberal democracy]	0.5022	0.027	18.507	0.000	0.449	0.556
v2smregcon	0.0521	0.006	9.054	0.000	0.041	0.063

Omnibus:	0.679	Durbin-Watson:	1.909
Prob(Omnibus):	0.712	Jarque-Bera (JB):	0.611
Skew:	-0.146	Prob(JB):	0.737
Kurtosis:	2.971	Cond. No.	11.2

Notes:

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

Spearman correlation coefficient: 0.8552359604241441

Robust regression model:

```
          Robust linear Model Regression Results
==============================================================================
Dep. Variable:       EDI_score   No. Observations:        171
Model:                     RLM   Df Residuals:            166
Method:                   IRLS   Df Model:                  4
Norm:                    HuberT
Scale Est.:                 mad
Cov Type:                    H1
Date:           Wed, 07 Aug 2024
Time:                   14:00:09
No. Iterations:              34
==============================================================================
========================
                          coef    std err      z     P>|z|    [0.025    0.975]
------------------------------------------------------------------------------
Intercept                 0.2512   0.016   15.334   0.000    0.219    0.283
C(Political_regime)[T.Electoral autocracy]   0.1042   0.018   5.732   0.000   0.069   0.140
C(Political_regime)[T.Electoral democracy]   0.3500   0.023   15.135  0.000   0.305   0.395
C(Political_regime)[T.Liberal democracy]     0.4962   0.027   18.254  0.000   0.443   0.549
v2smregcon                0.0558   0.006    9.683   0.000    0.045    0.067
==============================================================================
========================
```

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

11.2 Bivariate distribution of V-Dem internet censorship effort (v2mecenefi) and EDI score 2023

Bivariate distribution V-Dem internet censorship effort (v2mecenefi) and EDI scores

Residuals:
count   1.710000e+02
mean   7.304099e-17
std   7.425928e-02
min   -2.018229e-01
25%   -5.250018e-02
50%   2.151721e-03

75%   5.126808e-02
max   1.607555e-01
dtype: float64

OLS Regression Results

==

Dep. Variable:	EDI_score	R-squared:	0.919
Model:	OLS	Adj. R-squared:	0.917
Method:	Least Squares	F-statistic:	473.4
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	1.29e-89
Time:	14:00:09	Log-Likelihood:	202.50
No. Observations:	171	AIC:	-395.0
Df Residuals:	166	BIC:	-379.3
Df Model:	4		
Covariance Type:	nonrobust		

==

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.2179	0.014	15.061	0.000	0.189	0.246
C(Political_regime)[T.Electoral autocracy]	0.1236	0.017	7.063	0.000	0.089	0.158
C(Political_regime)[T.Electoral democracy]	0.3656	0.021	17.007	0.000	0.323	0.408
C(Political_regime)[T.Liberal democracy]	0.5387	0.024	22.432	0.000	0.491	0.586
v2mecenefi	0.0558	0.006	9.308	0.000	0.044	0.068

==

Omnibus:	1.320	Durbin-Watson:	1.782
Prob(Omnibus):	0.517	Jarque-Bera (JB):	1.390
Skew:	-0.160	Prob(JB):	0.499
Kurtosis:	2.695	Cond. No.	9.48

==

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: 0.8192487347837611
Robust regression model:

Robust linear Model Regression Results

==

Dep. Variable:	EDI_score	No. Observations:	171
Model:	RLM	Df Residuals:	166
Method:	IRLS	Df Model:	4
Norm:	HuberT		
Scale Est.:	mad		
Cov Type:	H1		
Date:	Wed, 07 Aug 2024		
Time:	14:00:09		
No. Iterations:	18		

==

	coef	std err	z	P>|z|	[0.025	0.975]
Intercept	0.2149	0.015	14.447	0.000	0.186	0.244
C(Political_regime)[T.Electoral autocracy]	0.1263	0.018	7.022	0.000	0.091	0.162
C(Political_regime)[T.Electoral democracy]	0.3727	0.022	16.861	0.000	0.329	0.416
C(Political_regime)[T.Liberal democracy]	0.5460	0.025	22.112	0.000	0.498	0.594
v2mecenefi	0.0551	0.006	8.945	0.000	0.043	0.067

==

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

11.3 Bivariate distribution of V-Dem government social media censorship (v2smgovsmcenprc) and EDI score 2023

Bivariate distribution V-Dem government social media censorship (v2smgovsmcenprc) and EDI scores

```
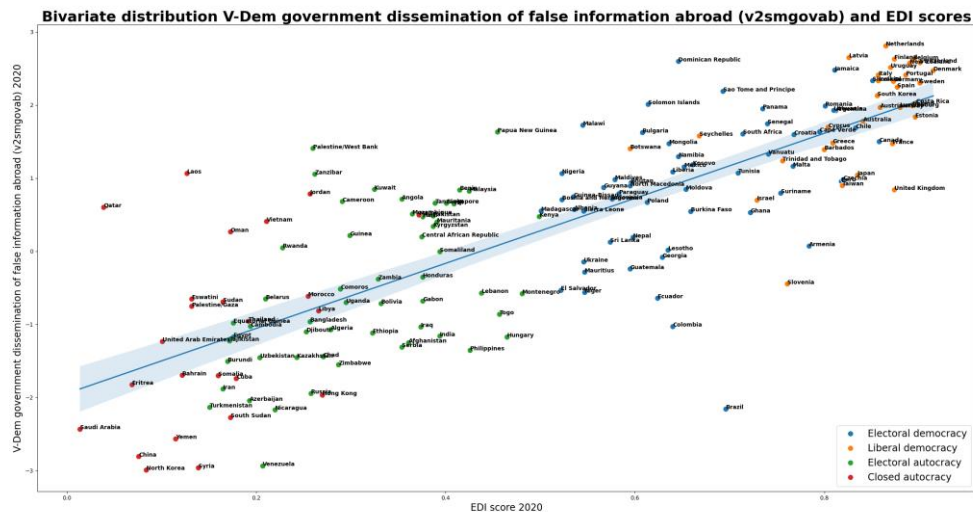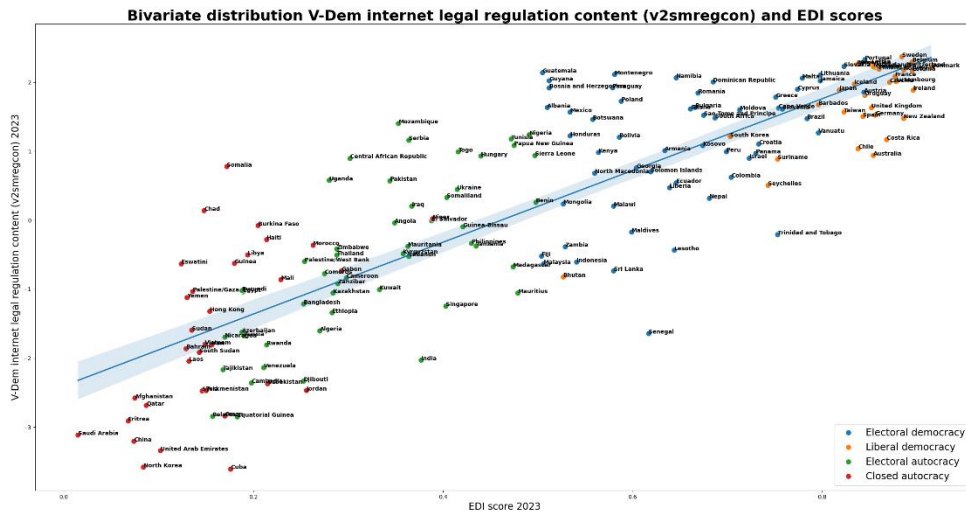Residuals:
count    1.710000e+02
mean     5.518652e-18
std      7.568934e-02
min     -1.777462e-01
25%     -4.881528e-02
50%      1.820412e-03
75%      5.634377e-02
max      1.938016e-01
dtype: float64
```

OLS Regression Results

Dep. Variable:	EDI_score	R-squared:	0.916
Model:	OLS	Adj. R-squared:	0.914
Method:	Least Squares	F-statistic:	454.2
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	3.05e-88
Time:	14:00:09	Log-Likelihood:	199.23
No. Observations:	171	AIC:	-388.5
Df Residuals:	166	BIC:	-372.8
Df Model:	4		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.2353	0.016	14.867	0.000	0.204	0.267
C(Political_regime)[T.Electoral autocracy]	0.1147	0.018	6.304	0.000	0.079	0.151
C(Political_regime)[T.Electoral democracy]	0.3600	0.023	15.859	0.000	0.315	0.405
C(Political_regime)[T.Liberal democracy]	0.5244	0.026	20.229	0.000	0.473	0.576
v2smgovsmcenprc	0.0553	0.006	8.786	0.000	0.043	0.068

Omnibus:	1.656	Durbin-Watson:	1.934
Prob(Omnibus):	0.437	Jarque-Bera (JB):	1.568
Skew:	-0.135	Prob(JB):	0.457
Kurtosis:	2.616	Cond. No.	9.67

Notes:

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

Spearman correlation coefficient: 0.8370174679896615

Robust regression model:

```
                Robust linear Model Regression Results
==============================================================================
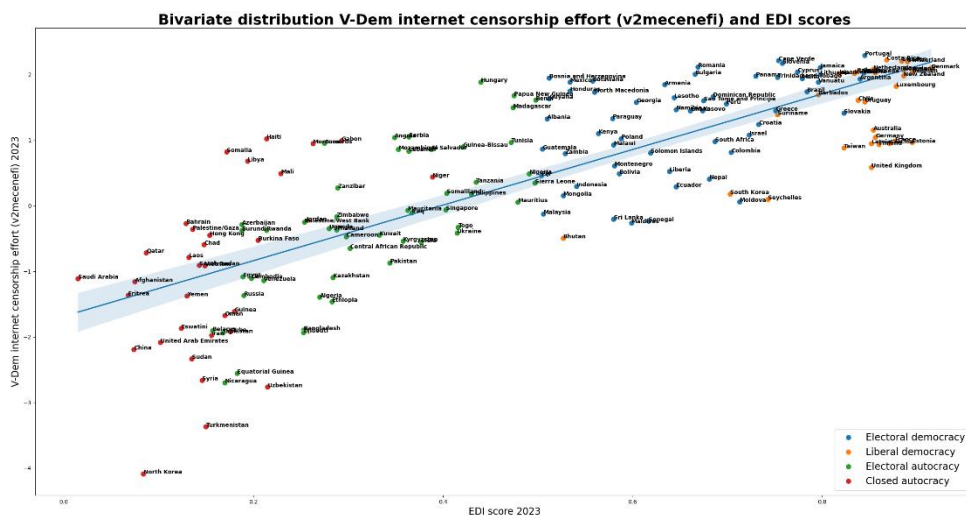Dep. Variable:          EDI_score   No. Observations:              171
Model:                        RLM   Df Residuals:                  166
Method:                      IRLS   Df Model:                        4
Norm:                      HuberT
Scale Est.:                   mad
Cov Type:                      H1
Date:           Wed, 07 Aug 2024
Time:                    14:00:10
No. Iterations:                16
==============================================================================
========================
                                    coef    std err      z     P>|z|    [0.025     0.975]
------------------------------------------------------------------------------------------
Intercept                          0.2342   0.016    14.326   0.000    0.202     0.266
C(Political_regime)[T.Electoral autocracy]   0.1164   0.019    6.192    0.000    0.080     0.153
C(Political_regime)[T.Electoral democracy]   0.3644   0.023    15.538   0.000    0.318     0.410
C(Political_regime)[T.Liberal democracy]     0.5277   0.027    19.703   0.000    0.475     0.580
v2smgovsmcenprc                    0.0554   0.007    8.515    0.000    0.043     0.068
==============================================================================
========================
```

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

11.4 Bivariate distribution of V-Dem government internet shut down in practice (v2smgovshut) and EDI score 2023

Bivariate distribution V-Dem government internet shut down in practice (v2smgovshut) and EDI scores

Residuals:

count	1.710000e+02
mean	2.217200e-16
std	8.581410e-02
min	-2.187350e-01
25%	-7.035267e-02
50%	4.027165e-03
75%	5.289428e-02

max   2.094150e-01
dtype: float64

OLS Regression Results

==
Dep. Variable:	EDI_score	R-squared:	0.892
Model:	OLS	Adj. R-squared:	0.890
Method:	Least Squares	F-statistic:	344.1
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	3.34e-79
Time:	14:00:10	Log-Likelihood:	177.77
No. Observations:	171	AIC:	-345.5
Df Residuals:	166	BIC:	-329.8
Df Model:	4		
Covariance Type:	nonrobust		

==
	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.1964	0.017	11.645	0.000	0.163	0.230
C(Political_regime)[T.Electoral autocracy]	0.1319	0.021	6.334	0.000	0.091	0.173
C(Political_regime)[T.Electoral democracy]	0.4112	0.026	15.990	0.000	0.360	0.462
C(Political_regime)[T.Liberal democracy]	0.5854	0.029	20.192	0.000	0.528	0.643
v2smgovshut	0.0344	0.007	4.815	0.000	0.020	0.049

==
Omnibus:	4.304	Durbin-Watson:	2.037
Prob(Omnibus):	0.116	Jarque-Bera (JB):	2.579
Skew:	-0.039	Prob(JB):	0.275
Kurtosis:	2.403	Cond. No.	10.3
==

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: 0.7632232639772659
Robust regression model:

Robust linear Model Regression Results

==
Dep. Variable:	EDI_score	No. Observations:	171
Model:	RLM	Df Residuals:	166
Method:	IRLS	Df Model:	4
Norm:	HuberT		
Scale Est.:	mad		
Cov Type:	H1		
Date:	Wed, 07 Aug 2024		
Time:	14:00:10		
No. Iterations:	16		

==
	coef	std err	z	P>|z|	[0.025	0.975]
Intercept	0.1911	0.018	10.476	0.000	0.155	0.227
C(Political_regime)[T.Electoral autocracy]	0.1376	0.023	6.112	0.000	0.093	0.182
C(Political_regime)[T.Electoral democracy]	0.4180	0.028	15.029	0.000	0.363	0.472
C(Political_regime)[T.Liberal democracy]	0.5983	0.031	19.082	0.000	0.537	0.660
v2smgovshut	0.0323	0.008	4.183	0.000	0.017	0.047
==

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

11.5 Bivariate distribution of V-Dem government social media shut down in practice (v2smgovsm) and EDI score 2023

Residuals:
```
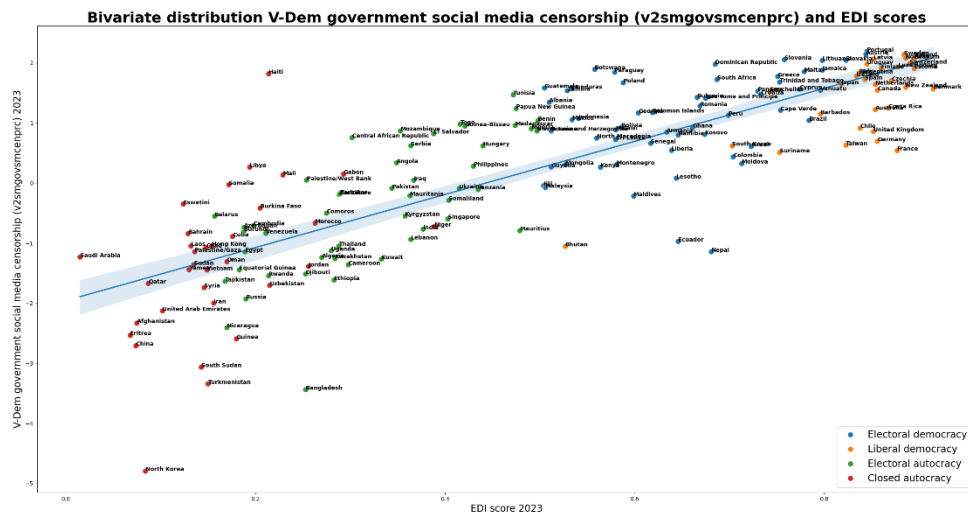count    1.710000e+02
mean     3.161863e-16
std      8.227494e-02
min     -1.995447e-01
25%     -6.927363e-02
50%      5.698090e-03
75%      5.536680e-02
max      2.248433e-01
dtype: float64
```

                    OLS Regression Results
===

Dep. Variable:	EDI_score	R-squared:	0.901
Model:	OLS	Adj. R-squared:	0.899
Method:	Least Squares	F-statistic:	378.0
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	3.10e-82
Time:	14:00:10	Log-Likelihood:	184.97
No. Observations:	171	AIC:	-359.9
Df Residuals:	166	BIC:	-344.2
Df Model:	4		
Covariance Type:	nonrobust		

===
=======================

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.2032	0.016	12.698	0.000	0.172	0.235
C(Political_regime)[T.Electoral autocracy]	0.1262	0.020	6.383	0.000	0.087	0.165
C(Political_regime)[T.Electoral democracy]	0.3904	0.025	15.875	0.000	0.342	0.439
C(Political_regime)[T.Liberal democracy]	0.5701	0.027	21.171	0.000	0.517	0.623
v2smgovsm	0.0426	0.007	6.310	0.000	0.029	0.056

===

Omnibus:	2.582	Durbin-Watson:	2.015
Prob(Omnibus):	0.275	Jarque-Bera (JB):	1.844
Skew:	-0.017	Prob(JB):	0.398
Kurtosis:	2.492	Cond. No.	10.1

===

Notes:

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

Spearman correlation coefficient: 0.774474274125811

Robust regression model:

```
                Robust linear Model Regression Results
==============================================================================
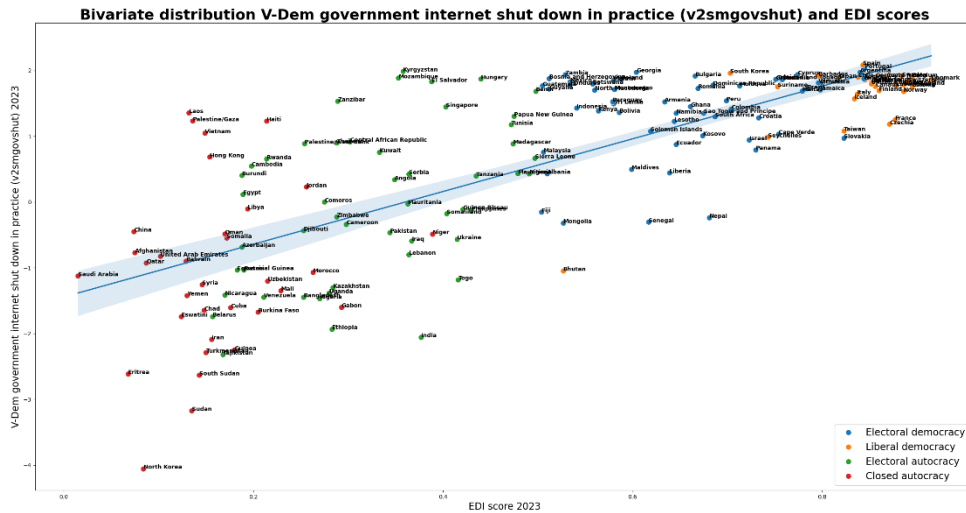Dep. Variable:          EDI_score   No. Observations:           171
Model:                        RLM   Df Residuals:               166
Method:                      IRLS   Df Model:                     4
Norm:                       HuberT
Scale Est.:                    mad
Cov Type:                       H1
Date:             Wed, 07 Aug 2024
Time:                     14:00:10
No. Iterations:                15
==============================================================================
========================
                                coef    std err      z     P>|z|    [0.025    0.975]
------------------------------------------------------------------------------------
Intercept                     0.1986     0.017   11.617    0.000    0.165    0.232
C(Political_regime)[T.Electoral autocracy]   0.1316   0.021    6.229    0.000    0.090    0.173
C(Political_regime)[T.Electoral democracy]   0.3965   0.026   15.093    0.000    0.345    0.448
C(Political_regime)[T.Liberal democracy]     0.5801   0.029   20.166    0.000    0.524    0.636
v2smgovsm                     0.0412     0.007    5.707    0.000    0.027    0.055
==============================================================================
========================
```

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

11.6 Bivariate distribution of V-Dem government dissemination of false information domestic (v2smgovdom) and EDI score 2023

Bivariate distribution V-Dem government dissemination of false information domestic (v2smgovdom) and EDI scores

Residuals:

```
count    1.710000e+02
mean     1.535484e-16
std      7.528614e-02
min     -2.040774e-01
25%     -4.745958e-02
50%     -1.205180e-04
75%      5.217507e-02
```

max   1.774095e-01
dtype: float64

OLS Regression Results

==
Dep. Variable: EDI_score   R-squared: 0.917
Model: OLS   Adj. R-squared: 0.915
Method: Least Squares   F-statistic: 459.5
Date: Wed, 07 Aug 2024   Prob (F-statistic):   1.26e-88
Time: 14:00:11   Log-Likelihood: 200.15
No. Observations: 171   AIC: -390.3
Df Residuals: 166   BIC: -374.6
Df Model: 4
Covariance Type: nonrobust
==
======================
                              coef   std err   t   P>|t| [0.025   0.975]

Intercept   0.2326   0.016   14.976   0.000   0.202   0.263
C(Political_regime)[T.Electoral autocracy]   0.1457   0.017   8.440   0.000   0.112   0.180
C(Political_regime)[T.Electoral democracy]   0.4044   0.019   20.755   0.000   0.366   0.443
C(Political_regime)[T.Liberal democracy]   0.5256   0.026   20.559   0.000   0.475   0.576
v2smgovdom   0.0500   0.006   8.933   0.000   0.039   0.061
==
Omnibus: 0.613   Durbin-Watson: 1.965
Prob(Omnibus):   0.736   Jarque-Bera (JB):   0.695
Skew: -0.137   Prob(JB):   0.706
Kurtosis: 2.852   Cond. No.   9.32
==

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: 0.8078655703867655
Robust regression model:

Robust linear Model Regression Results

==
Dep. Variable: EDI_score   No. Observations: 171
Model: RLM   Df Residuals: 166
Method: IRLS   Df Model: 4
Norm: HuberT
Scale Est.:   mad
Cov Type: H1
Date: Wed, 07 Aug 2024
Time: 14:00:11
No. Iterations: 16
==
======================
                              coef   std err   z   P>|z| [0.025   0.975]

Intercept   0.2333   0.016   14.325   0.000   0.201   0.265
C(Political_regime)[T.Electoral autocracy]   0.1451   0.018   8.020   0.000   0.110   0.181
C(Political_regime)[T.Electoral democracy]   0.4037   0.020   19.762   0.000   0.364   0.444
C(Political_regime)[T.Liberal democracy]   0.5282   0.027   19.708   0.000   0.476   0.581
v2smgovdom   0.0509   0.006   8.664   0.000   0.039   0.062
==
======================

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

11.7 Bivariate distribution of V-Dem government dissemination of false information abroad (v2smgovab) and EDI score 2023

Bivariate distribution V-Dem government dissemination of false information abroad (v2smgovab) and EDI scores

Residuals:
```
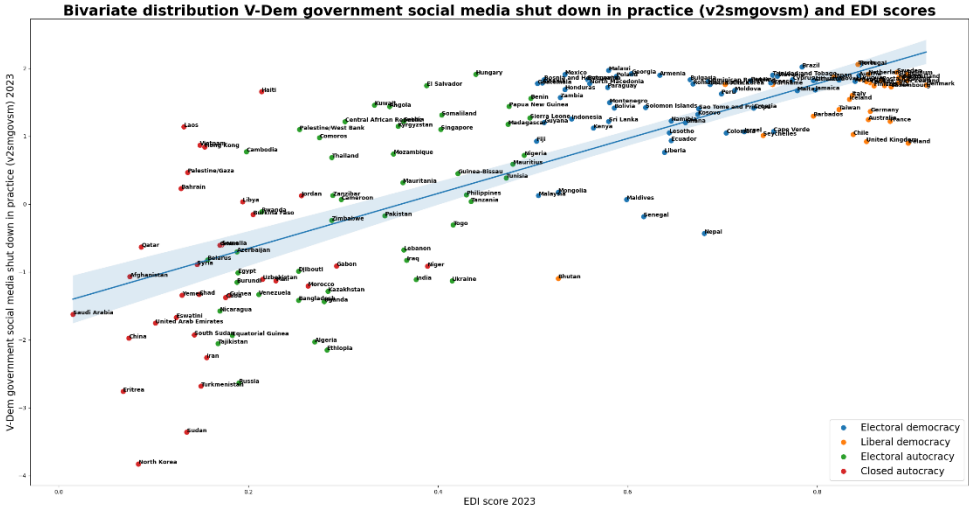count    1.710000e+02
mean    -3.174848e-16
std      7.845017e-02
min     -2.735784e-01
25%     -4.416392e-02
50%      5.360067e-03
75%      5.927974e-02
max      1.779048e-01
dtype: float64
```

OLS Regression Results

Dep. Variable:	EDI_score	R-squared:	0.910
Model:	OLS	Adj. R-squared:	0.908
Method:	Least Squares	F-statistic:	419.9
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	1.16e-85
Time:	14:00:11	Log-Likelihood:	193.11
No. Observations:	171	AIC:	-376.2
Df Residuals:	166	BIC:	-360.5
Df Model:	4		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.2191	0.016	13.911	0.000	0.188	0.250
C(Political_regime)[T.Electoral autocracy]	0.1367	0.018	7.495	0.000	0.101	0.173
C(Political_regime)[T.Electoral democracy]	0.3957	0.022	18.377	0.000	0.353	0.438
C(Political_regime)[T.Liberal democracy]	0.5376	0.027	20.037	0.000	0.485	0.591
v2smgovab	0.0468	0.006	7.770	0.000	0.035	0.059

Omnibus:	2.340	Durbin-Watson:	1.966
Prob(Omnibus):	0.310	Jarque-Bera (JB):	2.225
Skew:	-0.279	Prob(JB):	0.329
Kurtosis:	2.963	Cond. No.	9.49

Notes:

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

Spearman correlation coefficient: 0.819188568332442

Robust regression model:

```
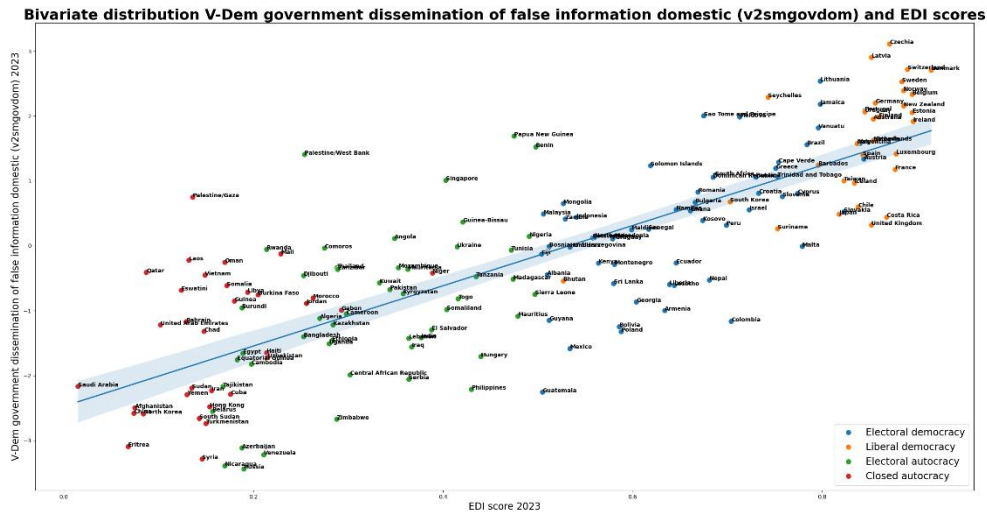                Robust linear Model Regression Results
==============================================================================
Dep. Variable:          EDI_score   No. Observations:          171
Model:                        RLM   Df Residuals:              166
Method:                      IRLS   Df Model:                    4
Norm:                      HuberT
Scale Est.:                   mad
Cov Type:                      H1
Date:           Wed, 07 Aug 2024
Time:                   14:00:11
No. Iterations:              19
==============================================================================
                                    coef    std err      z     P>|z|    [0.025    0.975]
------------------------------------------------------------------------------
Intercept                         0.2187    0.017    12.763    0.000    0.185    0.252
C(Political_regime)[T.Electoral autocracy]    0.1386    0.020    6.987    0.000    0.100    0.177
C(Political_regime)[T.Electoral democracy]    0.3953    0.023    16.879   0.000    0.349    0.441
C(Political_regime)[T.Liberal democracy]      0.5468    0.029    18.735   0.000    0.490    0.604
v2smgovab                         0.0464    0.007    7.086    0.000    0.034    0.059
==============================================================================
```

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

Appendix C

PanDem Data

In order to cover the entire period, data from the cross-sectional format (CS), which contains the maximum value of the PanDem index, was used. In terms of violations, the focus was on type 6 (Official Disinformation Campaigns) and type 7 (Restrictions on Media Freedom). In the data set of the time series format (TS), which is divided into five coding periods, the component indicators of the types are also listed. To enable a more in-depth analysis, these indicators were also taken into account in the bivariate regressions. In order to include the current values, the most recently recorded data was used (Q2 2021).

Type 6:

- Government disinformation (govdis)

Type 7:

- Media limitations (melim) (de-jure restriction)

- Limitations on media reporting about Covid-19 (merepfact) (de-facto restriction)

- Limitations on media reporting about the government response to Covid-19 (merepgov) (de-facto restriction)

- Limitations on media reporting about non-Covid-19 related news (merepoth) (de-facto restriction)

- Limitations on access to information (meinf) (de-facto restriction)

12.1 Bivariate distribution of The Pandemic Violations of Democratic Standards Index (PanDem) and EDI score 2021

```
Residuals:
count   2.740000e+02
mean    -2.475716e-16
std     9.790978e-02
min     -2.582002e-01
25%     -5.808836e-02
50%     -8.736432e-04
75%      6.090363e-02
max      4.137101e-01
dtype: float64
```

```
                OLS Regression Results
==============================================================================
Dep. Variable:       EDI_score   R-squared:                0.858
Model:                     OLS   Adj. R-squared:           0.856
Method:          Least Squares   F-statistic:              405.4
Date:         Wed, 07 Aug 2024   Prob (F-statistic):    1.45e-112
Time:                 14:00:12   Log-Likelihood:          248.41
No. Observations:          274   AIC:                     -486.8
Df Residuals:              269   BIC:                     -468.8
Df Model:                    4
Covariance Type:     nonrobust
=================================================================================
========================
                                   coef    std err      t     P>|t|    [0.025    0.975]
-------------------------------------------------------------------------------------
Intercept                        0.2630    0.021   12.442   0.000    0.221    0.305
C(Political_regime)[T.Electoral autocracy]    0.1415    0.018    7.884   0.000    0.106    0.177
C(Political_regime)[T.Electoral democracy]    0.4536    0.018   24.760   0.000    0.418    0.490
C(Political_regime)[T.Liberal democracy]      0.6142    0.023   26.378   0.000    0.568    0.660
pandem                          -0.2538    0.047   -5.364   0.000   -0.347   -0.161
==============================================================================
Omnibus:              9.236   Durbin-Watson:           1.786
Prob(Omnibus):        0.010   Jarque-Bera (JB):       11.016
Skew:                 0.307   Prob(JB):              0.00405
Kurtosis:             3.768   Cond. No.                 10.1
==============================================================================
Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: -0.5481338887955999
Robust regression model:
           Robust linear Model Regression Results
==============================================================================
Dep. Variable:       EDI_score   No. Observations:           274
Model:                     RLM   Df Residuals:               269
Method:                   IRLS   Df Model:                     4
Norm:                   HuberT
Scale Est.:                mad
Cov Type:                   H1
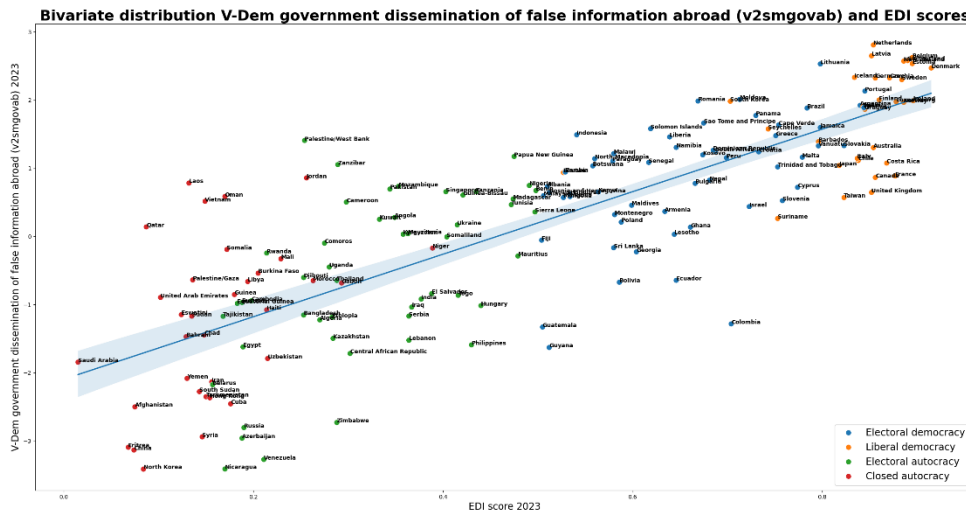```

Date:                  Wed, 07 Aug 2024
Time:                      14:00:12
No. Iterations:              19
==============================================================================
======================
                        coef    std err       z     P>|z|     [0.025    0.975]
------------------------------------------------------------------------------------------------------
Intercept                     0.2419    0.022   11.130    0.000     0.199     0.284
C(Political_regime)[T.Electoral autocracy]   0.1561    0.018    8.460    0.000     0.120     0.192
C(Political_regime)[T.Electoral democracy]   0.4676    0.019   24.834    0.000     0.431     0.505
C(Political_regime)[T.Liberal democracy]    0.6364    0.024   26.590    0.000     0.589     0.683
pandem                        -0.2302    0.049   -4.734    0.000    -0.326    -0.135
==============================================================================
======================

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.


## 12.2 Bivariate distribution of PanDem type 6 (Official disinformation campaigns) and EDI score 2021

Residuals:
count   2.740000e+02
mean   -1.851722e-16
std     1.019464e-01
min    -2.649500e-01
25%    -7.195005e-02
50%    -3.248497e-03
75%     6.457485e-02
max     4.365638e-01
dtype: float64

                    OLS Regression Results
==============================================================================
Dep. Variable:           EDI_score   R-squared:                0.846
Model:                         OLS   Adj. R-squared:           0.843
Method:              Least Squares   F-statistic:              368.7
Date:              Wed, 07 Aug 2024   Prob (F-statistic):     7.49e-108
Time:                     14:00:12   Log-Likelihood:           237.34
No. Observations:            274   AIC:                      -464.7
Df Residuals:                269   BIC:                      -446.6
Df Model:                      4
Covariance Type:          nonrobust
==============================================================================
======================
                        coef    std err       t     P>|t|     [0.025    0.975]
------------------------------------------------------------------------------------------------------
Intercept                     0.1894    0.016   12.094    0.000     0.159     0.220
C(Political_regime)[T.Electoral autocracy]   0.1507    0.019    7.963    0.000     0.113     0.188
C(Political_regime)[T.Electoral democracy]   0.4705    0.019   25.046    0.000     0.434     0.507
C(Political_regime)[T.Liberal democracy]    0.6662    0.022   30.930    0.000     0.624     0.709
Official_disinformation_campaigns      -0.0197    0.008   -2.379    0.018    -0.036    -0.003
==============================================================================
Omnibus:                     13.173   Durbin-Watson:            1.823
Prob(Omnibus):                0.001   Jarque-Bera (JB):        18.807
Skew:                         0.344   Prob(JB):               8.24e-05
Kurtosis:                     4.083   Cond. No.                 6.67
==============================================================================
Notes:

[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: -0.2580193445311092
Robust regression model:

Robust linear Model Regression Results

```
==============================================================================
Dep. Variable:          EDI_score   No. Observations:           274
Model:                        RLM   Df Residuals:               269
Method:                      IRLS   Df Model:                     4
Norm:                       HuberT
Scale Est.:                   mad
Cov Type:                      H1
Date:           Wed, 07 Aug 2024
Time:                    14:00:12
No. Iterations:                20
=========================================================================
========================
                          coef    std err       z    P>|z|    [0.025    0.975]
-------------------------------------------------------------------------------
Intercept                        0.1764   0.016   11.341   0.000   0.146   0.207
C(Political_regime)[T.Electoral autocracy]    0.1607   0.019   8.551   0.000   0.124   0.197
C(Political_regime)[T.Electoral democracy]    0.4850   0.019   26.000  0.000   0.448   0.522
C(Political_regime)[T.Liberal democracy]      0.6822   0.021   31.889  0.000   0.640   0.724
Official_disinformation_campaigns            -0.0193   0.008   -2.352  0.019  -0.035  -0.003
=========================================================================
========================
```

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

12.3 Bivariate distribution of PanDem type 7 (Restrictions on media freedom) and EDI score 2021

Residuals:
```
count    2.740000e+02
mean    -5.105405e-16
std      9.385732e-02
min     -3.281049e-01
25%     -5.824113e-02
50%     -3.907352e-03
75%      6.187426e-02
max      3.412353e-01
dtype: float64
```

OLS Regression Results

```
==============================================================================
Dep. Variable:          EDI_score   R-squared:                 0.869
Model:                        OLS   Adj. R-squared:            0.867
Method:           Least Squares   F-statistic:               447.1
Date:           Wed, 07 Aug 2024   Prob (F-statistic):     1.69e-117
Time:                    14:00:13   Log-Likelihood:           259.99
No. Observations:             274   AIC:                      -510.0
Df Residuals:                 269   BIC:                      -491.9
Df Model:                       4
Covariance Type:        nonrobust
=========================================================================
========================
                          coef    std err       t    P>|t|    [0.025    0.975]
-------------------------------------------------------------------------------
Intercept                        0.3044   0.022   14.000   0.000   0.262   0.347
```

	coef	std err	z	P>|z|	[0.025	0.975]
C(Political_regime)[T.Electoral autocracy]	0.1381	0.017	8.024	0.000	0.104	0.172
C(Political_regime)[T.Electoral democracy]	0.4288	0.018	23.566	0.000	0.393	0.465
C(Political_regime)[T.Liberal democracy]	0.5806	0.023	24.925	0.000	0.535	0.626
Restrictions_on_Media_freedom	-0.0419	0.006	-7.419	0.000	-0.053	-0.031

Omnibus:	8.146	Durbin-Watson:	1.687
Prob(Omnibus):	0.017	Jarque-Bera (JB):	9.712
Skew:	0.272	Prob(JB):	0.00778
Kurtosis:	3.745	Cond. No.	16.9

Notes:

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

Spearman correlation coefficient: -0.6911356036059788

Robust regression model:

Robust linear Model Regression Results

Dep. Variable:	EDI_score	No. Observations:	274
Model:	RLM	Df Residuals:	269
Method:	IRLS	Df Model:	4
Norm:	HuberT		
Scale Est.:	mad		
Cov Type:	H1		
Date:	Wed, 07 Aug 2024		
Time:	14:00:13		
No. Iterations:	17		

	coef	std err	z	P>|z|	[0.025	0.975]
Intercept	0.2902	0.021	13.606	0.000	0.248	0.332
C(Political_regime)[T.Electoral autocracy]	0.1451	0.017	8.594	0.000	0.112	0.178
C(Political_regime)[T.Electoral democracy]	0.4438	0.018	24.868	0.000	0.409	0.479
C(Political_regime)[T.Liberal democracy]	0.5952	0.023	26.048	0.000	0.550	0.640
Restrictions_on_Media_freedom	-0.0408	0.006	-7.376	0.000	-0.052	-0.030

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore .

12.4 Bivariate distribution of PanDem type 6 component indicator government disinformation (govdis) and EDI score 2021

Residuals:

```
count    1.440000e+02
mean    -7.979728e-17
std      8.631564e-02
min     -1.740028e-01
25%     -5.925702e-02
50%      1.107151e-03
75%      6.823502e-02
max      1.957113e-01
dtype: float64
```

OLS Regression Results

Dep. Variable:	EDI	R-squared:	0.889
Model:	OLS	Adj. R-squared:	0.886

```
Method:            Least Squares  F-statistic:              279.5
Date:        Wed, 07 Aug 2024  Prob (F-statistic):      2.14e-65
Time:            16:25:24  Log-Likelihood:              148.94
No. Observations:        144  AIC:                -287.9
Df Residuals:            139  BIC:                -273.0
Df Model:                  4
Covariance Type:       nonrobust
=================================================================================
                                           coef   std err      t     P>|t|    [0.025    0.975]
---------------------------------------------------------------------------------
Intercept                                0.1647    0.018   8.970   0.000   0.128    0.201
C(political_regime)[T.Electoral autocracy]   0.1683    0.022   7.578   0.000   0.124    0.212
C(political_regime)[T.Electoral democracy]   0.4933    0.022  21.983   0.000   0.449    0.538
C(political_regime)[T.Liberal democracy]     0.6944    0.025  27.654   0.000   0.645    0.744
govdis                                  -0.0159    0.011  -1.389   0.167  -0.038    0.007
=================================================================================
Omnibus:                  3.933  Durbin-Watson:            1.849
Prob(Omnibus):            0.140  Jarque-Bera (JB):         2.436
Skew:                     0.088  Prob(JB):                 0.296
Kurtosis:                 2.388  Cond. No.                 6.15
=================================================================================
Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: -0.12322516730091734
Robust regression model:
            Robust linear Model Regression Results
=================================================================================
Dep. Variable:            EDI   No. Observations:          144
Model:                    RLM   Df Residuals:              139
Method:                  IRLS   Df Model:                    4
Norm:                   HuberT
Scale Est.:               mad
Cov Type:                  H1
Date:          Wed, 07 Aug 2024
Time:              16:25:24
No. Iterations:             16
=================================================================================
                                           coef   std err      z     P>|z|    [0.025    0.975]
---------------------------------------------------------------------------------
Intercept                                0.1645    0.020   8.266   0.000   0.125    0.203
C(political_regime)[T.Electoral autocracy]   0.1713    0.024   7.118   0.000   0.124    0.218
C(political_regime)[T.Electoral democracy]   0.4898    0.024  20.143   0.000   0.442    0.537
C(political_regime)[T.Liberal democracy]     0.6947    0.027  25.533   0.000   0.641    0.748
govdis                                  -0.0184    0.012  -1.487   0.137  -0.043    0.006
=================================================================================
If the model instance has been used for another fit with different fit parameters, then the fit options might not be
the correct ones anymore.
```

12.5 Bivariate distribution of PanDem type 7 component indicator de jure restrictions on media (melim) and EDI score 2021

```
Residuals:
count   1.440000e+02
mean    5.801686e-17
```

```
std      8.689800e-02
min     -1.756889e-01
25%     -6.896226e-02
50%      3.127391e-03
75%      6.856111e-02
max      1.962111e-01
dtype: float64
```

                    OLS Regression Results
==
Dep. Variable: EDI   R-squared: 0.888
Model: OLS   Adj. R-squared: 0.885
Method: Least Squares   F-statistic: 275.3
Date: Wed, 07 Aug 2024   Prob (F-statistic):   5.45e-65
Time: 16:26:20   Log-Likelihood: 147.97
No. Observations: 144   AIC: -285.9
Df Residuals: 139   BIC: -271.1
Df Model: 4
Covariance Type: nonrobust
==
========================
                                    coef   std err   t   P>|t| [0.025   0.975]

Intercept   0.1608   0.019   8.377   0.000   0.123   0.199
C(political_regime)[T.Electoral autocracy]   0.1649   0.022   7.419   0.000   0.121   0.209
C(political_regime)[T.Electoral democracy]   0.4940   0.023 21.590   0.000   0.449   0.539
C(political_regime)[T.Liberal democracy]   0.6976   0.026 27.100   0.000   0.647   0.749
melim   0.0023   0.011   0.219   0.827   -0.019   0.023
==
Omnibus: 5.102   Durbin-Watson: 1.824
Prob(Omnibus):   0.078   Jarque-Bera (JB):   2.806
Skew: 0.074   Prob(JB):   0.246
Kurtosis: 2.332   Cond. No.   6.39
==

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: -0.19431490227766776
Robust regression model:

                 Robust linear Model Regression Results
==
Dep. Variable: EDI   No. Observations: 144
Model: RLM   Df Residuals: 139
Method: IRLS   Df Model: 4
Norm: HuberT
Scale Est.:   mad
Cov Type: H1
Date: Wed, 07 Aug 2024
Time: 16:26:20
No. Iterations: 20
==
========================
                                    coef   std err   z   P>|z| [0.025   0.975]

Intercept   0.1598   0.021   7.705   0.000   0.119   0.200
C(political_regime)[T.Electoral autocracy]   0.1666   0.024   6.936   0.000   0.120   0.214
C(political_regime)[T.Electoral democracy]   0.4908   0.025 19.851   0.000   0.442   0.539
C(political_regime)[T.Liberal democracy]   0.6986   0.028 25.114   0.000   0.644   0.753
melim   0.0030   0.011   0.261   0.794   -0.019   0.025
==
========================

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

12.6 Bivariate distribution of PanDem type 7 component indicator limitations on media reporting about COVID-19 (merepfact) and EDI score 2021

```
Residuals:
count   1.440000e+02
mean   -3.633282e-16
std     8.332154e-02
min    -1.618131e-01
25%    -5.810213e-02
50%     3.771757e-04
75%     5.695782e-02
max     1.971869e-01
dtype: float64
```

OLS Regression Results

Dep. Variable:	EDI	R-squared:	0.897
Model:	OLS	Adj. R-squared:	0.894
Method:	Least Squares	F-statistic:	302.5
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	1.60e-67
Time:	16:27:01	Log-Likelihood:	154.02
No. Observations:	144	AIC:	-298.0
Df Residuals:	139	BIC:	-283.2
Df Model:	4		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.2373	0.028	8.529	0.000	0.182	0.292
C(political_regime)[T.Electoral autocracy]	0.1570	0.021	7.336	0.000	0.115	0.199
C(political_regime)[T.Electoral democracy]	0.4253	0.029	14.614	0.000	0.368	0.483
C(political_regime)[T.Liberal democracy]	0.6212	0.032	19.184	0.000	0.557	0.685
merepfact	-0.0825	0.024	-3.499	0.001	-0.129	-0.036

Omnibus:	3.016	Durbin-Watson:	1.768
Prob(Omnibus):	0.221	Jarque-Bera (JB):	2.356
Skew:	0.174	Prob(JB):	0.308
Kurtosis:	2.479	Cond. No.	9.36

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: -0.7819010698596692
Robust regression model:

Robust linear Model Regression Results

Dep. Variable:	EDI	No. Observations:	144
Model:	RLM	Df Residuals:	139
Method:	IRLS	Df Model:	4
Norm:	HuberT		
Scale Est.:	mad		
Cov Type:	H1		
Date:	Wed, 07 Aug 2024		
Time:	16:27:01		

No. Iterations: 20
===
======================
                          coef   std err   z   P>|z| [0.025   0.975]

Intercept   0.2391   0.030   7.948   0.000   0.180   0.298
C(political_regime)[T.Electoral autocracy]   0.1529   0.023   6.605   0.000   0.108   0.198
C(political_regime)[T.Electoral democracy]   0.4198   0.031   13.341   0.000   0.358   0.481
C(political_regime)[T.Liberal democracy]   0.6196   0.035   17.697   0.000   0.551   0.688
merepfact   -0.0832   0.025   -3.262   0.001   -0.133   -0.033
===
======================

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

12.7 Bivariate distribution of PanDem type 7 component indicator limitations on media reporting about the government response to COVID-19 (merepgov) and EDI score 2021

Residuals:
count   1.440000e+02
mean   -1.412836e-16
std   8.461787e-02
min   -1.669921e-01
25%   -5.792651e-02
50%   -1.743889e-03
75%   5.910609e-02
max   2.038251e-01
dtype: float64

               OLS Regression Results
===
Dep. Variable: EDI   R-squared: 0.894
Model: OLS   Adj. R-squared: 0.891
Method: Least Squares   F-statistic: 292.3
Date: Wed, 07 Aug 2024   Prob (F-statistic):   1.36e-66
Time: 16:28:00   Log-Likelihood: 151.80
No. Observations: 144   AIC: -293.6
Df Residuals: 139   BIC: -278.7
Df Model: 4
Covariance Type: nonrobust
===
======================
                          coef   std err   t   P>|t| [0.025   0.975]

Intercept   0.2171   0.027   8.100   0.000   0.164   0.270
C(political_regime)[T.Electoral autocracy]   0.1603   0.022   7.392   0.000   0.117   0.203
C(political_regime)[T.Electoral democracy]   0.4475   0.028   16.252   0.000   0.393   0.502
C(political_regime)[T.Liberal democracy]   0.6437   0.031   20.677   0.000   0.582   0.705
merepgov   -0.0604   0.022   -2.764   0.006   -0.104   -0.017
===
Omnibus: 2.369   Durbin-Watson: 1.810
Prob(Omnibus):   0.306   Jarque-Bera (JB):   1.932
Skew: 0.144   Prob(JB):   0.381
Kurtosis: 2.511   Cond. No.   8.83
===
Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.

Spearman correlation coefficient: -0.7374868130625827
Robust regression model:

Robust linear Model Regression Results

```
===============================================================================
Dep. Variable:              EDI   No. Observations:          144
Model:                      RLM   Df Residuals:              139
Method:                    IRLS   Df Model:                    4
Norm:                     HuberT
Scale Est.:                 mad
Cov Type:                    H1
Date:           Wed, 07 Aug 2024
Time:                   16:28:00
No. Iterations:              21
===============================================================================
=======================
                          coef    std err       z      P>|z|     [0.025    0.975]
-------------------------------------------------------------------------------
Intercept                       0.2230    0.029    7.675    0.000    0.166    0.280
C(political_regime)[T.Electoral autocracy]    0.1578    0.024    6.713    0.000    0.112    0.204
C(political_regime)[T.Electoral democracy]    0.4378    0.030   14.667    0.000    0.379    0.496
C(political_regime)[T.Liberal democracy]      0.6382    0.034   18.912    0.000    0.572    0.704
merepgov                       -0.0657    0.024   -2.772    0.006   -0.112   -0.019
===============================================================================
=======================
```

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

12.8 Bivariate distribution of PanDem type 7 component indicator limitations on media reporting about non-COVID-19 related news (merepoth) and EDI score 2021

```
Residuals:
count    1.440000e+02
mean    -2.129855e-16
std      8.676803e-02
min     -1.780189e-01
25%     -6.535088e-02
50%      3.591822e-03
75%      6.968191e-02
max      1.964394e-01
dtype: float64
```

OLS Regression Results

```
===============================================================================
Dep. Variable:              EDI   R-squared:               0.888
Model:                      OLS   Adj. R-squared:          0.885
Method:           Least Squares   F-statistic:             276.3
Date:           Wed, 07 Aug 2024   Prob (F-statistic):    4.43e-65
Time:                   16:29:10   Log-Likelihood:         148.19
No. Observations:           144   AIC:                    -286.4
Df Residuals:               139   BIC:                    -271.5
Df Model:                     4
Covariance Type:        nonrobust
===============================================================================
=======================
                          coef    std err       t      P>|t|     [0.025    0.975]
-------------------------------------------------------------------------------
Intercept                       0.1582    0.019    8.257    0.000    0.120    0.196
C(political_regime)[T.Electoral autocracy]    0.1644    0.022    7.414    0.000    0.121    0.208
```

```
C(political_regime)[T.Electoral democracy]    0.4964    0.023    21.566    0.000    0.451    0.542
C(political_regime)[T.Liberal democracy]      0.6997    0.026    27.305    0.000    0.649    0.750
merepoth                                      0.0144    0.021    0.682     0.497   -0.027    0.056
==============================================================================
Omnibus:                5.570  Durbin-Watson:           1.801
Prob(Omnibus):          0.062  Jarque-Bera (JB):        2.932
Skew:                   0.063  Prob(JB):                0.231
Kurtosis:               2.313  Cond. No.                6.17
==============================================================================
Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: -0.2514962095940836
Robust regression model:
           Robust linear Model Regression Results
==============================================================================
Dep. Variable:            EDI   No. Observations:          144
Model:                    RLM   Df Residuals:              139
Method:                  IRLS   Df Model:                  4
Norm:                   HuberT
Scale Est.:               mad
Cov Type:                  H1
Date:           Wed, 07 Aug 2024
Time:               16:29:10
No. Iterations:            16
==================================================================================
======================
                        coef    std err      z     P>|z|    [0.025    0.975]
----------------------------------------------------------------------------------
Intercept                     0.1578    0.021    7.593    0.000    0.117    0.198
C(political_regime)[T.Electoral autocracy]    0.1668    0.024    6.935    0.000    0.120    0.214
C(political_regime)[T.Electoral democracy]    0.4924    0.025    19.730    0.000    0.444    0.541
C(political_regime)[T.Liberal democracy]      0.7002    0.028    25.196    0.000    0.646    0.755
merepoth                                      0.0130    0.023    0.567    0.570   -0.032    0.058
==================================================================================
======================
If the model instance has been used for another fit with different fit parameters, then the fit options might not be
the correct ones anymore.
```

12.9 Bivariate distribution of PanDem type 7 component indicator limitations on access to information (meinf) and EDI score 2021

```
Residuals:
count   1.440000e+02
mean    1.619075e-16
std     8.461388e-02
min    -1.645164e-01
25%    -5.780993e-02
50%    -5.945244e-03
75%     5.360839e-02
max     2.080871e-01
dtype: float64
               OLS Regression Results
==============================================================================
Dep. Variable:            EDI   R-squared:               0.894
Model:                    OLS   Adj. R-squared:          0.891
Method:         Least Squares   F-statistic:             292.3
Date:           Wed, 07 Aug 2024   Prob (F-statistic):   1.35e-66
```

```
Time:                    16:31:33  Log-Likelihood:          151.81
No. Observations:           144  AIC:                     -293.6
Df Residuals:               139  BIC:                     -278.8
Df Model:                     4
Covariance Type:        nonrobust
================================================================================
========================
                              coef    std err      t     P>|t|    [0.025    0.975]
--------------------------------------------------------------------------------
Intercept                     0.1795   0.019   9.455    0.000    0.142    0.217
C(political_regime)[T.Electoral autocracy]   0.1719   0.022   7.892   0.000   0.129   0.215
C(political_regime)[T.Electoral democracy]   0.4841   0.022   21.762   0.000   0.440   0.528
C(political_regime)[T.Liberal democracy]     0.6819   0.025   27.132   0.000   0.632   0.732
meinf                        -0.0252   0.009  -2.767    0.006   -0.043   -0.007
================================================================================
Omnibus:                     2.573  Durbin-Watson:           1.904
Prob(Omnibus):               0.276  Jarque-Bera (JB):        2.467
Skew:                        0.252  Prob(JB):                0.291
Kurtosis:                    2.605  Cond. No.                7.28
================================================================================
Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: -0.38667524774529305
Robust regression model:
              Robust linear Model Regression Results
================================================================================
Dep. Variable:               EDI   No. Observations:          144
Model:                       RLM   Df Residuals:              139
Method:                     IRLS   Df Model:                    4
Norm:                      HuberT
Scale Est.:                  mad
Cov Type:                     H1
Date:                Wed, 07 Aug 2024
Time:                    16:31:33
No. Iterations:               23
================================================================================
========================
                              coef    std err      z     P>|z|    [0.025    0.975]
--------------------------------------------------------------------------------
Intercept                     0.1829   0.020   8.996    0.000    0.143    0.223
C(political_regime)[T.Electoral autocracy]   0.1691   0.023   7.253   0.000   0.123   0.215
C(political_regime)[T.Electoral democracy]   0.4774   0.024   20.047   0.000   0.431   0.524
C(political_regime)[T.Liberal democracy]     0.6798   0.027   25.266   0.000   0.627   0.732
meinf                        -0.0306   0.010  -3.137    0.002   -0.050   -0.011
================================================================================
========================
If the model instance has been used for another fit with different fit parameters, then the fit options might not be
the correct ones anymore.
```

12.10 Bivariate distribution of PanDem type 7 component indicator verbal harassment of journalists (mevhar) and EDI score 2021

```
Residuals:
count   1.440000e+02
mean    9.251859e-18
std     8.661468e-02
min    -1.808513e-01
25%    -6.401753e-02
```

```
50%     1.778577e-03
75%     6.644675e-02
max     2.014337e-01
dtype: float64
```

                    OLS Regression Results
==
Dep. Variable: EDI   R-squared: 0.889
Model: OLS   Adj. R-squared: 0.885
Method: Least Squares   F-statistic: 277.4
Date: Wed, 07 Aug 2024   Prob (F-statistic):   3.46e-65
Time: 16:33:37   Log-Likelihood: 148.44
No. Observations: 144   AIC: -286.9
Df Residuals: 139   BIC: -272.0
Df Model: 4
Covariance Type: nonrobust
==
========================

                                    coef   std err   t   P>|t| [0.025   0.975]

Intercept   0.1640   0.018   8.895   0.000   0.128   0.200
C(political_regime)[T.Electoral autocracy]   0.1669   0.022   7.502   0.000   0.123   0.211
C(political_regime)[T.Electoral democracy]   0.4938   0.023 21.922   0.000   0.449   0.538
C(political_regime)[T.Liberal democracy]   0.6945   0.025 27.523   0.000   0.645   0.744
mevhar   -0.0233   0.024 -0.979   0.329 -0.070   0.024
==
Omnibus: 3.726   Durbin-Watson: 1.858
Prob(Omnibus):   0.155   Jarque-Bera (JB):   2.371
Skew: 0.094   Prob(JB):   0.306
Kurtosis: 2.400   Cond. No.   6.00
==

Notes:
[1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
Spearman correlation coefficient: -0.15389557134307913
Robust regression model:

              Robust linear Model Regression Results
==
Dep. Variable: EDI   No. Observations: 144
Model: RLM   Df Residuals: 139
Method: IRLS   Df Model: 4
Norm: HuberT
Scale Est.:   mad
Cov Type: H1
Date: Wed, 07 Aug 2024
Time: 16:33:37
No. Iterations: 19
==
========================

                                    coef   std err   z   P>|z| [0.025   0.975]

Intercept   0.1644   0.020   8.329   0.000   0.126   0.203
C(political_regime)[T.Electoral autocracy]   0.1688   0.024   7.087   0.000   0.122   0.215
C(political_regime)[T.Electoral democracy]   0.4896   0.024 20.299   0.000   0.442   0.537
C(political_regime)[T.Liberal democracy]   0.6940   0.027 25.686   0.000   0.641   0.747
mevhar   -0.0309   0.025 -1.214   0.225 -0.081   0.019
==
========================

If the model instance has been used for another fit with different fit parameters, then the fit options might not be
the correct ones anymore.

12.11 Bivariate distribution of PanDem type 7 component indicator physical harassment of journalists (mephar) and EDI score 2021

Residuals:
```
mean    5.100087e-16
std     8.625242e-02
min    -1.843812e-01
25%    -5.428798e-02
50%     5.901147e-04
75%     6.733483e-02
max     2.097151e-01
dtype: float64
```

                OLS Regression Results
==

Dep. Variable:	EDI	R-squared:	0.890
Model:	OLS	Adj. R-squared:	0.886
Method:	Least Squares	F-statistic:	280.0
Date:	Wed, 07 Aug 2024	Prob (F-statistic):	1.94e-65
Time:	16:35:16	Log-Likelihood:	149.04
No. Observations:	144	AIC:	-288.1
Df Residuals:	139	BIC:	-273.2
Df Model:	4		
Covariance Type:	nonrobust		

==

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	0.1650	0.018	8.987	0.000	0.129	0.201
C(political_regime)[T.Electoral autocracy]	0.1694	0.022	7.605	0.000	0.125	0.213
C(political_regime)[T.Electoral democracy]	0.4918	0.022	21.907	0.000	0.447	0.536
C(political_regime)[T.Liberal democracy]	0.6948	0.025	27.715	0.000	0.645	0.744
mephar	-0.0351	0.024	-1.462	0.146	-0.083	0.012

==

Omnibus:	2.539	Durbin-Watson:	1.897
Prob(Omnibus):	0.281	Jarque-Bera (JB):	1.912
Skew:	0.109	Prob(JB):	0.384
Kurtosis:	2.479	Cond. No.	5.99

==

Notes:

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

Spearman correlation coefficient: -0.19987818592399917

Robust regression model:

                Robust linear Model Regression Results
==

Dep. Variable:	EDI	No. Observations:	144
Model:	RLM	Df Residuals:	139
Method:	IRLS	Df Model:	4
Norm:	HuberT		
Scale Est.:	mad		
Cov Type:	H1		
Date:	Wed, 07 Aug 2024		
Time:	16:35:16		
No. Iterations:	14		

==

	coef	std err	z	P>|z|	[0.025	0.975]
Intercept	0.1658	0.020	8.483	0.000	0.128	0.204

C(political_regime)[T.Electoral autocracy]	0.1714	0.024	7.230	0.000	0.125	0.218
C(political_regime)[T.Electoral democracy]	0.4870	0.024	20.380	0.000	0.440	0.534
C(political_regime)[T.Liberal democracy]	0.6944	0.027	26.019	0.000	0.642	0.747
mephar	-0.0455	0.026	-1.781	0.075	-0.096	0.005

==
========================

If the model instance has been used for another fit with different fit parameters, then the fit options might not be the correct ones anymore.

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