**Crosstabs**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 28-JUN-2024 14:36:13 |
| Comments |  |  |
| Input | Data | /Users/helgegeurtjacobusmoes/Desktop/Thesis/Thesis Data copy/SPSS/Data\_SPSS.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1000 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table. |
| Syntax |  | CROSSTABS /TABLES=UpdatedAIAct BY UpdatedRisk /FORMAT=AVALUE TABLES /STATISTICS=CHISQ PHI CORR GAMMA D BTAU /CELLS=COUNT TOTAL /COUNT ROUND CELL. |
| Resources | Processor Time | 00:00:00.02 |
| Elapsed Time | 00:00:00.00 |
| Dimensions Requested | 2 |
| Cells Available | 524245 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Case Processing Summary** |  |  |  |  |  |  |
|  | Cases |  |  |  |  |  |
| Valid |  | Missing |  | Total |  |
| N | Percent | N | Percent | N | Percent |
| Updated AI Act \* Updated Risk | 1000 | 100.0% | 0 | 0.0% | 1000 | 100.0% |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Updated AI Act \* Updated Risk Crosstabulation** |  |  |  |  |  |  |  |
|  |  |  | Updated Risk |  |  |  | Total |
|  |  | 0 | 1 | 2 | 3 |
| Updated AI Act | 0 | Count | 332 | 25 | 20 | 16 | 393 |
| % of Total | 33.2% | 2.5% | 2.0% | 1.6% | 39.3% |
| 1 | Count | 128 | 32 | 33 | 22 | 215 |
| % of Total | 12.8% | 3.2% | 3.3% | 2.2% | 21.5% |
| 2 | Count | 145 | 44 | 69 | 37 | 295 |
| % of Total | 14.5% | 4.4% | 6.9% | 3.7% | 29.5% |
| 3 | Count | 24 | 7 | 21 | 45 | 97 |
| % of Total | 2.4% | 0.7% | 2.1% | 4.5% | 9.7% |
| Total |  | Count | 629 | 108 | 143 | 120 | 1000 |
|  | % of Total | 62.9% | 10.8% | 14.3% | 12.0% | 100.0% |

|  |  |  |  |
| --- | --- | --- | --- |
| **Chi-Square Tests** |  |  |  |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 238.086a | 9 | <.001 |
| Likelihood Ratio | 214.326 | 9 | <.001 |
| Linear-by-Linear Association | 177.793 | 1 | <.001 |
| N of Valid Cases | 1000 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 10.48. |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Directional Measures** |  |  |  |  |  |  |
|  |  |  | Value | Asymptotic Standard Errora | Approximate Tb | Approximate Significance |
| Ordinal by Ordinal | Somers' d | Symmetric | .369 | .025 | 14.048 | <.001 |
| Updated AI Act Dependent | .417 | .028 | 14.048 | <.001 |
| Updated Risk Dependent | .331 | .023 | 14.048 | <.001 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| a. Not assuming the null hypothesis. |  |  |  |  |  |  |
| b. Using the asymptotic standard error assuming the null hypothesis. |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Symmetric Measures** |  |  |  |  |  |
|  |  | Value | Asymptotic Standard Errora | Approximate Tb | Approximate Significance |
| Nominal by Nominal | Phi | .488 |  |  | <.001 |
| Cramer's V | .282 |  |  | <.001 |
| Ordinal by Ordinal | Kendall's tau-b | .372 | .025 | 14.048 | <.001 |
| Gamma | .550 | .033 | 14.048 | <.001 |
| Spearman Correlation | .417 | .028 | 14.499 | <.001c |
| Interval by Interval | Pearson's R | .422 | .029 | 14.699 | <.001c |
| N of Valid Cases |  | 1000 |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| a. Not assuming the null hypothesis. |  |  |  |  |  |
| b. Using the asymptotic standard error assuming the null hypothesis. |  |  |  |  |  |
| c. Based on normal approximation. |  |  |  |  |  |

**Logistic Regression**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 26-JUN-2024 11:35:00 |
| Comments |  |  |
| Input | Data | /Users/helgegeurtjacobusmoes/Desktop/Thesis Data/Data\_SPSS.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1000 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing |
| Syntax |  | LOGISTIC REGRESSION VARIABLES Q5RiskPresence /METHOD=ENTER AIAct\_Continuous Year Topic\_1 Topic\_2 Topic\_3 Topic\_4 Topic\_5 Topic\_6 Topic\_7 Topic\_8 Topic\_9 Outlet\_Broadsheet Outlet\_Tabloid /CONTRAST (Topic\_1)=Indicator(1) /CONTRAST (Topic\_2)=Indicator(1) /CONTRAST (Topic\_3)=Indicator(1) /CONTRAST (Topic\_4)=Indicator(1) /CONTRAST (Topic\_5)=Indicator(1) /CONTRAST (Topic\_6)=Indicator(1) /CONTRAST (Topic\_7)=Indicator(1) /CONTRAST (Topic\_8)=Indicator(1) /CONTRAST (Topic\_9)=Indicator(1) /CONTRAST (Outlet\_Broadsheet)=Indicator(1) /CONTRAST (Outlet\_Tabloid)=Indicator(1) /SAVE=PRED PGROUP /PRINT=GOODFIT CI(95) /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5). |
| Resources | Processor Time | 00:00:00.06 |
| Elapsed Time | 00:00:00.00 |
| Variables Created or Modified | PRE\_4 | Predicted probability |
| PGR\_4 | Predicted group |

|  |  |  |  |
| --- | --- | --- | --- |
| **Case Processing Summary** |  |  |  |
| Unweighted Casesa |  | N | Percent |
| Selected Cases | Included in Analysis | 1000 | 100.0 |
| Missing Cases | 0 | .0 |
| Total | 1000 | 100.0 |
| Unselected Cases |  | 0 | .0 |
| Total |  | 1000 | 100.0 |

|  |  |  |  |
| --- | --- | --- | --- |
| a. If weight is in effect, see classification table for the total number of cases. |  |  |  |

|  |  |
| --- | --- |
| **Dependent Variable Encoding** |  |
| Original Value | Internal Value |
| 0 | 0 |
| 1 | 1 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Categorical Variables Codings** |  |  |  |
|  |  | Frequency | Parameter coding |
|  | (1) |
| Tabloid | 0 | 688 | .000 |
| 1 | 312 | 1.000 |
| Business | 0 | 900 | .000 |
| 1 | 100 | 1.000 |
| Economy | 0 | 898 | .000 |
| 1 | 102 | 1.000 |
| Healthcare | 0 | 895 | .000 |
| 1 | 105 | 1.000 |
| Art | 0 | 905 | .000 |
| 1 | 95 | 1.000 |
| Law | 0 | 898 | .000 |
| 1 | 102 | 1.000 |
| Media | 0 | 900 | .000 |
| 1 | 100 | 1.000 |
| Broadsheet | 0 | 487 | .000 |
| 1 | 513 | 1.000 |
| Environment | 0 | 901 | .000 |
| 1 | 99 | 1.000 |
| Education | 0 | 908 | .000 |
| 1 | 92 | 1.000 |
| Politics | 0 | 898 | .000 |
| 1 | 102 | 1.000 |

**Block 0: Beginning Block**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Classification Table**a,b |  |  |  |  |  |
|  | Observed |  | Predicted |  |  |
|  | Q5 - Risk Presence |  | Percentage Correct |
|  | 0 | 1 |
| Step 0 | Q5 - Risk Presence | 0 | 0 | 407 | .0 |
| 1 | 0 | 593 | 100.0 |
| Overall Percentage |  |  |  | 59.3 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| a. Constant is included in the model. |  |  |  |  |  |
| b. The cut value is .500 |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variables in the Equation** |  |  |  |  |  |  |  |
|  |  | B | S.E. | Wald | df | Sig. | Exp(B) |
| Step 0 | Constant | .376 | .064 | 34.190 | 1 | <.001 | 1.457 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variables not in the Equation**a |  |  |  |  |  |
|  |  |  | Score | df | Sig. |
| Step 0 | Variables | AI Act | 212.801 | 1 | <.001 |
| Publication Date | 1.475 | 1 | .225 |
| Politics(1) | 1.919 | 1 | .166 |
| Business(1) | 9.414 | 1 | .002 |
| Economy(1) | 5.968 | 1 | .015 |
| Healthcare(1) | 3.012 | 1 | .083 |
| Art(1) | .021 | 1 | .884 |
| Law(1) | 25.011 | 1 | <.001 |
| Media(1) | 2.453 | 1 | .117 |
| Education(1) | 6.496 | 1 | .011 |
| Environment(1) | .340 | 1 | .560 |
| Broadsheet(1) | .024 | 1 | .876 |
| Tabloid(1) | 1.240 | 1 | .265 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| a. Residual Chi-Squares are not computed because of redundancies. |  |  |  |  |  |

**Block 1: Method = Enter**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Omnibus Tests of Model Coefficients** |  |  |  |  |
|  |  | Chi-square | df | Sig. |
| Step 1 | Step | 295.504 | 13 | <.001 |
| Block | 295.504 | 13 | <.001 |
| Model | 295.504 | 13 | <.001 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Model Summary** |  |  |  |
| Step | -2 Log likelihood | Cox & Snell R Square | Nagelkerke R Square |
| 1 | 1055.992a | .256 | .345 |

|  |  |  |  |
| --- | --- | --- | --- |
| a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001. |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Hosmer and Lemeshow Test** |  |  |  |
| Step | Chi-square | df | Sig. |
| 1 | 7.858 | 8 | .447 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Contingency Table for Hosmer and Lemeshow Test** |  |  |  |  |  |  |
|  |  | Q5 - Risk Presence = 0 |  | Q5 - Risk Presence = 1 |  | Total |
|  | Observed | Expected | Observed | Expected |
| Step 1 | 1 | 85 | 82.284 | 15 | 17.716 | 100 |
| 2 | 69 | 73.151 | 31 | 26.849 | 100 |
| 3 | 61 | 61.860 | 39 | 38.140 | 100 |
| 4 | 49 | 53.943 | 51 | 46.057 | 100 |
| 5 | 46 | 42.938 | 54 | 57.062 | 100 |
| 6 | 31 | 30.635 | 69 | 69.365 | 100 |
| 7 | 33 | 26.494 | 67 | 73.506 | 100 |
| 8 | 24 | 21.676 | 76 | 78.324 | 100 |
| 9 | 5 | 9.747 | 95 | 90.253 | 100 |
| 10 | 4 | 4.272 | 96 | 95.728 | 100 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Classification Table**a |  |  |  |  |  |
|  | Observed |  | Predicted |  |  |
|  | Q5 - Risk Presence |  | Percentage Correct |
|  | 0 | 1 |
| Step 1 | Q5 - Risk Presence | 0 | 260 | 147 | 63.9 |
| 1 | 129 | 464 | 78.2 |
| Overall Percentage |  |  |  | 72.4 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| a. The cut value is .500 |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variables in the Equation** |  |  |  |  |  |  |  |  |  |
|  |  | B | S.E. | Wald | df | Sig. | Exp(B) | 95% C.I.for EXP(B) |  |
|  | Lower | Upper |
| Step 1a | AI Act | 1.269 | .095 | 176.456 | 1 | <.001 | 3.556 | 2.949 | 4.288 |
| Publication Date | .000 | .000 | .604 | 1 | .437 | 1.000 | 1.000 | 1.000 |
| Politics(1) | 1.318 | .357 | 13.659 | 1 | <.001 | 3.737 | 1.857 | 7.518 |
| Business(1) | .623 | .345 | 3.255 | 1 | .071 | 1.864 | .948 | 3.666 |
| Economy(1) | .030 | .343 | .007 | 1 | .931 | 1.030 | .526 | 2.018 |
| Healthcare(1) | -.010 | .336 | .001 | 1 | .976 | .990 | .513 | 1.913 |
| Art(1) | 1.108 | .350 | 10.003 | 1 | .002 | 3.027 | 1.524 | 6.014 |
| Law(1) | 1.411 | .386 | 13.339 | 1 | <.001 | 4.099 | 1.923 | 8.739 |
| Media(1) | .874 | .342 | 6.529 | 1 | .011 | 2.396 | 1.226 | 4.685 |
| Education(1) | 1.632 | .372 | 19.271 | 1 | <.001 | 5.114 | 2.468 | 10.599 |
| Environment(1) | .226 | .343 | .435 | 1 | .510 | 1.254 | .640 | 2.456 |
| Broadsheet(1) | -.266 | .209 | 1.615 | 1 | .204 | .767 | .509 | 1.155 |
| Tabloid(1) | -.387 | .227 | 2.897 | 1 | .089 | .679 | .435 | 1.060 |
| Constant | 8.150 | 13.698 | .354 | 1 | .552 | 3462.968 |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| a. Variable(s) entered on step 1: AI Act, Publication Date, Politics, Business, Economy, Healthcare, Art, Law, Media, Education, Environment, Broadsheet, Tabloid. |  |  |  |  |  |  |  |  |  |

**PLUM - Ordinal Regression**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 20-JUN-2024 23:47:09 |
| Comments |  |  |
| Input | Data | /Users/helgegeurtjacobusmoes/Desktop/Thesis Data/Data\_SPSS.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1000 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on all cases with valid data for all variables in the model. |
| Syntax |  | PLUM Risk BY Topic\_1 Topic\_2 Topic\_3 Topic\_4 Topic\_5 Topic\_6 Topic\_7 Topic\_8 Topic\_9 Outlet\_Broadsheet Outlet\_Tabloid WITH AIAct\_Continuous Year /CRITERIA=CIN(95) DELTA(0) LCONVERGE(0) MXITER(100) MXSTEP(5) PCONVERGE(1.0E-6) SINGULAR(1.0E-8) /LINK=LOGIT /PRINT=FIT PARAMETER SUMMARY TPARALLEL. |
| Resources | Processor Time | 00:00:00.49 |
| Elapsed Time | 00:00:00.00 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Case Processing Summary** |  |  |  |
|  |  | N | Marginal Percentage |
| Risk | 0 | 407 | 40.7% |
| 1 | 222 | 22.2% |
| 2 | 108 | 10.8% |
| 3 | 143 | 14.3% |
| 4 | 120 | 12.0% |
| Politics | 0 | 898 | 89.8% |
| 1 | 102 | 10.2% |
| Business | 0 | 900 | 90.0% |
| 1 | 100 | 10.0% |
| Economy | 0 | 898 | 89.8% |
| 1 | 102 | 10.2% |
| Healthcare | 0 | 895 | 89.5% |
| 1 | 105 | 10.5% |
| Art | 0 | 905 | 90.5% |
| 1 | 95 | 9.5% |
| Law | 0 | 898 | 89.8% |
| 1 | 102 | 10.2% |
| Media | 0 | 900 | 90.0% |
| 1 | 100 | 10.0% |
| Education | 0 | 908 | 90.8% |
| 1 | 92 | 9.2% |
| Environment | 0 | 901 | 90.1% |
| 1 | 99 | 9.9% |
| Broadsheet | 0 | 487 | 48.7% |
| 1 | 513 | 51.3% |
| Tabloid | 0 | 688 | 68.8% |
| 1 | 312 | 31.2% |
| Valid |  | 1000 | 100.0% |
| Missing |  | 0 |  |
| Total |  | 1000 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Fitting Information** |  |  |  |  |
| Model | -2 Log Likelihood | Chi-Square | df | Sig. |
| Intercept Only | 2940.291 |  |  |  |
| Final | 2586.251 | 354.039 | 13 | <.001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Link function: Logit. |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Goodness-of-Fit** |  |  |  |
|  | Chi-Square | df | Sig. |
| Pearson | 4111.540 | 3947 | .033 |
| Deviance | 2580.706 | 3947 | 1.000 |

|  |  |  |  |
| --- | --- | --- | --- |
| Link function: Logit. |  |  |  |

|  |  |
| --- | --- |
| **Pseudo R-Square** |  |
| Cox and Snell | .298 |
| Nagelkerke | .315 |
| McFadden | .120 |

|  |  |
| --- | --- |
| Link function: Logit. |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Parameter Estimates** |  |  |  |  |  |  |  |
|  |  | Estimate | Std. Error | Wald | df | Sig. | 95% Confidence Interval |
|  | Lower Bound |
| Threshold | [Risk = 0] | -8.041 | 11.587 | .482 | 1 | .488 | -30.751 |
| [Risk = 1] | -6.854 | 11.586 | .350 | 1 | .554 | -29.562 |
| [Risk = 2] | -6.208 | 11.586 | .287 | 1 | .592 | -28.915 |
| [Risk = 3] | -5.022 | 11.585 | .188 | 1 | .665 | -27.729 |
| Location | AIAct\_Continuous | 1.091 | .070 | 244.866 | 1 | <.001 | .955 |
| Year | -5.302E-10 | 8.042E-10 | .435 | 1 | .510 | -2.106E-9 |
| [Topic\_1=0] | -.814 | .269 | 9.165 | 1 | .002 | -1.341 |
| [Topic\_1=1] | 0a | . | . | 0 | . | . |
| [Topic\_2=0] | -.251 | .283 | .788 | 1 | .375 | -.806 |
| [Topic\_2=1] | 0a | . | . | 0 | . | . |
| [Topic\_3=0] | .122 | .274 | .199 | 1 | .655 | -.414 |
| [Topic\_3=1] | 0a | . | . | 0 | . | . |
| [Topic\_4=0] | .341 | .269 | 1.607 | 1 | .205 | -.186 |
| [Topic\_4=1] | 0a | . | . | 0 | . | . |
| [Topic\_5=0] | -.887 | .277 | 10.248 | 1 | .001 | -1.431 |
| [Topic\_5=1] | 0a | . | . | 0 | . | . |
| [Topic\_6=0] | -.973 | .264 | 13.594 | 1 | <.001 | -1.490 |
| [Topic\_6=1] | 0a | . | . | 0 | . | . |
| [Topic\_7=0] | -.531 | .274 | 3.751 | 1 | .053 | -1.069 |
| [Topic\_7=1] | 0a | . | . | 0 | . | . |
| [Topic\_8=0] | -.801 | .274 | 8.524 | 1 | .004 | -1.338 |
| [Topic\_8=1] | 0a | . | . | 0 | . | . |
| [Topic\_9=0] | .444 | .275 | 2.594 | 1 | .107 | -.096 |
| [Topic\_9=1] | 0a | . | . | 0 | . | . |
| [Outlet\_Broadsheet=0] | .322 | .164 | 3.842 | 1 | .050 | 8.198E-6 |
| [Outlet\_Broadsheet=1] | 0a | . | . | 0 | . | . |
| [Outlet\_Tabloid=0] | .540 | .180 | 8.962 | 1 | .003 | .187 |
| [Outlet\_Tabloid=1] | 0a | . | . | 0 | . | . |

|  |  |  |
| --- | --- | --- |
| **Parameter Estimates** |  |  |
|  |  | 95% Confidence Interval |
|  | Upper Bound |
| Threshold | [Risk = 0] | 14.668 |
| [Risk = 1] | 15.854 |
| [Risk = 2] | 16.499 |
| [Risk = 3] | 17.684 |
| Location | AIAct\_Continuous | 1.228 |
| Year | 1.046E-9 |
| [Topic\_1=0] | -.287 |
| [Topic\_1=1] | . |
| [Topic\_2=0] | .304 |
| [Topic\_2=1] | . |
| [Topic\_3=0] | .658 |
| [Topic\_3=1] | . |
| [Topic\_4=0] | .869 |
| [Topic\_4=1] | . |
| [Topic\_5=0] | -.344 |
| [Topic\_5=1] | . |
| [Topic\_6=0] | -.456 |
| [Topic\_6=1] | . |
| [Topic\_7=0] | .006 |
| [Topic\_7=1] | . |
| [Topic\_8=0] | -.263 |
| [Topic\_8=1] | . |
| [Topic\_9=0] | .984 |
| [Topic\_9=1] | . |
| [Outlet\_Broadsheet=0] | .643 |
| [Outlet\_Broadsheet=1] | . |
| [Outlet\_Tabloid=0] | .894 |
| [Outlet\_Tabloid=1] | . |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| Link function: Logit. |  |  |
| a. This parameter is set to zero because it is redundant. |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test of Parallel Lines**a |  |  |  |  |
| Model | -2 Log Likelihood | Chi-Square | df | Sig. |
| Null Hypothesis | 2586.251 |  |  |  |
| General | 2509.232 | 77.019 | 39 | <.001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| The null hypothesis states that the location parameters (slope coefficients) are the same across response categories.a |  |  |  |  |
| a. Link function: Logit. |  |  |  |  |

**Matrix**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 15-JUN-2024 17:14:56 |
| Comments |  |  |
| Input | Active Dataset | DataSet4 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1080 |
| Syntax |  | MATRIX. get dat/variables = Coder1 Coder2 /file = \*/names = vn/missing = -9999999. compute btn = 10000. do if ( 10000 > 0). compute btn = trunc( 10000 /1000)\*1000. end if. do if ( 10000 > 0 and btn = 0). print/title = 'Number of bootstraps must be at least 1000.'. end if. compute btprob = 0. compute rw = 1. loop i = 1 to nrow(dat). compute good = 0. loop j = 1 to ncol(dat). do if (dat(i,j) <> -9999999). compute good = good + 1. end if. end loop. do if (good > 1). compute dat(rw,:) = dat(i,:). compute rw = rw+1. end if. end loop. compute dat = dat(1:(rw-1),:). compute nj = ncol(dat). compute nobj = nrow(dat). compute dat3 = dat. compute m = reshape(t(dat),(nobj\*nj),1). compute allm = nobj\*nj. compute j = 0. loop i = 1 to nrow(m). do if m(i,1) <> -9999999. compute j = j + 1. compute m(j,:)=m(i,:). end if. end loop. compute m = m(1:j,1). compute mss = nrow(m). compute mss = allm-mss. compute mtmp = m. compute mtmp(GRADE(m)) = m. compute m = mtmp. compute m2 = make(nrow(m),1,m(1,1)). compute yass = csum((m = m2))/nrow(m). do if (yass <> 1). compute des = design(m). compute uniq = ncol(des). compute coinc = make(uniq,uniq,0). compute delta = coinc. compute map = make(uniq,1,0). loop i = 1 to nrow(m). loop j = 1 to uniq. do if (des(i,j) = 1). compute map(j,1) = m(i,1). end if. end loop. end loop. loop i = 1 to nobj. loop j = 1 to nj. do if dat(i,j) <> -9999999. loop k = 1 to uniq. do if dat(i,j) = map(k,1). compute dat(i,j) = k. BREAK. end if. end loop. end if. end loop. end loop. compute datms = (dat <> -9999999). compute mu = rsum(datms). compute nprs = csum(mu&\*(mu-1))\*.5. compute btalp = make((btn+1),1,-999). loop k = 1 to nobj. compute temp = make(uniq, uniq, 0). loop i = 1 to nj. loop j = 1 to nj. do if (dat(k,i) <> -9999999 AND dat(k,j) <> -9999999 AND i <> j). compute temp(dat(k,i),dat(k,j)) = temp(dat(k,i),dat(k,j)) + (1/(mu(k,1)-1)). end if. end loop. end loop. compute coinc = coinc + temp. end loop. compute q = reshape(coinc, (nrow(coinc)\*ncol(coinc)), 1). compute q = csum(q > 0). compute nc = rsum(coinc). compute n = csum(nc). compute coinct = coinc. compute dmat = diag(coinc). compute nzero = csum(dmat > 0). compute bootm = nprs. compute nx = (dmat/n)&\*\*bootm. compute nx=rnd(btn\*csum(nx)). compute numone = 0. compute expect = coinc. loop i = 1 to uniq. loop j = 1 to uniq. do if (i = j). compute expect(i,j)=nc(i,1)\*(nc(j,1)-1)/(n-1). else if (i <> j). compute expect(i,j)=nc(i,1)\*nc(j,1)/(n-1). end if. end loop. end loop. loop z = 1 to (btn + 1). do if (z > 1). compute btalp(z,1)=1. compute rchfirst=-1. loop u = 1 to nobj. compute muloop=(mu(u,1)\*(mu(u,1)-1))/2. loop ppp= 1 to muloop. compute rchoose=trunc(uniform(1,1)\*nprs)+1. do if (ppp = 2 and rchfirst=rchoose). compute rchoose=trunc(uniform(1,1)\*nprs)+1. end if. compute rchfirst=rchoose. compute btalp(z,1)=btalp(z,1)-(er(rchoose,1)/(mu(u,1)-1)). end loop. end loop. do if (btalp(z,1) <= -1). compute btalp(z,1)=-1. end if. end if. do if (z = 1). do if ( 1 = 2). compute delta = make(uniq,uniq,0). loop i = 1 to uniq. loop j = i to uniq. do if (i <> j). compute delta(i,j) = (csum(nc(i:j,1))-(nc(i,1)/2)-(nc(j,1)/2))\*\*2. compute delta(j,i) = delta(i,j). end if. end loop. end loop. compute v = {'Ordinal'}. do if (z = 1). compute deltat = delta. end if. end if. do if ( 1 = 1). compute delta = 1-ident(uniq). compute v = {'Nominal'}. compute deltat = delta. end if. do if ( 1 = 3). loop i = 1 to uniq. loop j = i to uniq. do if (i <> j). compute delta(i,j) = (map(i,1)-map(j,1))\*\*2. compute delta(j,i) = delta(i,j). end if. end loop. end loop. compute v = {'Interval'}. compute deltat = delta. end if. do if ( 1 = 4). loop i = 1 to uniq. loop j = i to uniq. do if (i <> j). compute delta(i,j) = ((map(i,1)-map(j,1))/(map(i,1)+map(j,1)))\*\*2. compute delta(j,i) = delta(i,j). end if. end loop. end loop. compute v = {'Ratio'}. compute deltat = delta. end if. compute num = csum(rsum(delta&\*coinc)). compute den = csum(rsum(delta&\*expect)). do if (den > 0). compute alp = 1-(num/den). compute btalp(1,1)=alp. compute expdis=csum(rsum((expect&\*delta)))/n. end if. compute er=make(nprs,3,0). compute cnt=0. loop k = 1 to nrow(dat). loop i = 1 to (ncol(dat)-1). loop j = (i+1) to ncol(dat). compute v1=dat(k,i). compute v2=dat(k,j). do if (v1 <> -9999999 and v2 <> -9999999). compute cnt=cnt+1. compute er(cnt,1:2)={v1,v2}. compute er(cnt,3)=delta(v1,v2). end if. end loop. end loop. end loop. compute er=er(:,3). loop i = 1 to nprs. compute er(i,1)=(2\*er(i,1))/(expdis\*csum(mu)). end loop. end if. end loop. compute alpfirst = btalp(1,1). do if (btn > 0). compute btalp=btalp(2:nrow(btalp),1). compute btalptmp = btalp. compute btalptmp(GRADE(btalp)) = btalp. compute btalp = btalptmp. compute btalp = btalp(1:nrow(btalp),1). compute mn = csum(btalp)/btn. compute low95 = trunc(.025\*btn). compute high95 = trunc(.975\*btn)+1. compute low95 = btalp(low95,1). compute high95 = btalp(high95,1). compute median = btalp(0.50\*btn). compute q = {.9, 0; .8, 0; .7, 0; 0.67, 0; .6, 0; .5, 0}. loop i = 1 to 6. compute qcomp = (btalp < q(i,1)). compute qcomp = csum(qcomp)/btn. compute q(i,2)=qcomp. end loop. end if. do if (btalp(1,1) = -999). compute btprob = 1. end if. print/title = 'Krippendorff''s Alpha Reliability Estimate'. do if (btn = 0 or btprob = 1). compute res = {alpfirst, nobj, nj, nprs}. compute lab = {'Alpha', 'Units', 'Obsrvrs', 'Pairs'}. end if. do if (btn > 0 and btprob = 0). compute res = {alpfirst, low95, high95, nobj, nj, nprs}. compute lab = {'Alpha', 'LL95%CI', 'UL95%CI', 'Units', 'Observrs', 'Pairs'}. end if. print res/title = ' '/rnames = v/cnames = lab/format = F10.4. do if (btn > 0 and btprob = 0). print q/title = 'Probability (q) of failure to achieve an alpha of at least alphamin:'/clabels = 'alphamin' 'q'/format = F10.4. print btn/title = 'Number of bootstrap samples:'. end if. print vn/title = 'Judges used in these computations:'/format = a8. do if ( 0 = 1). print/title = '===================================================='. print coinct/title = 'Observed Coincidence Matrix'/format = F9.2. print expect/title = 'Expected Coincidence Matrix'/format = F9.2. print deltat/title = 'Delta Matrix'/format F9.2. compute tmap = t(map). print tmap/title 'Rows and columns correspond to following unit values'/format = F9.2. end if. else. print/title = 'ERROR: Input Reliability Data Matrix Exhibits No Variation.'. end if. do if (btprob = 1). print/title = 'A problem was encountered when bootstrapping, so these results are not printed'. end if. print/title = 'Examine output for SPSS errors and do not interpret if any are found'. END MATRIX. |
| Resources | Processor Time | 00:01:20.38 |
| Elapsed Time | 00:01:21.00 |

[DataSet4]

Run MATRIX procedure:Krippendorff's Alpha Reliability Estimate Alpha LL95%CI UL95%CI Units Observrs PairsNominal .8029 .7588 .8444 1080.0000 2.0000 1080.0000Probability (q) of failure to achieve an alpha of at least alphamin: alphamin q .9000 1.0000 .8000 .4179 .7000 .0000 .6700 .0000 .6000 .0000 .5000 .0000Number of bootstrap samples: 10000Judges used in these computations: Coder1 Coder2Examine output for SPSS errors and do not interpret if any are found------ END MATRIX -----

**Regression**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 25-JUN-2024 12:39:49 |
| Comments |  |  |
| Input | Data | /Users/helgegeurtjacobusmoes/Desktop/Thesis Data/Data\_SPSS.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1000 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax |  | REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT absRes /METHOD=ENTER Topic\_1 Topic\_2 Topic\_3 Topic\_4 Topic\_5 Topic\_6 Topic\_7 Topic\_8 Topic\_9 Outlet\_Broadsheet Outlet\_Tabloid Year Topic\_0 AIAct\_Continuous /SCATTERPLOT=(\*ZRESID ,\*ZPRED) /RESIDUALS NORMPROB(ZRESID). |
| Resources | Processor Time | 00:00:00.35 |
| Elapsed Time | 00:00:00.00 |
| Memory Required | 14592 bytes |
| Additional Memory Required for Residual Plots | 344 bytes |

|  |  |  |  |
| --- | --- | --- | --- |
| **Descriptive Statistics** |  |  |  |
|  | Mean | Std. Deviation | N |
| absRes | .8101 | .72086 | 1000 |
| Politics | .10 | .303 | 1000 |
| Business | .10 | .300 | 1000 |
| Economy | .10 | .303 | 1000 |
| Healthcare | .11 | .307 | 1000 |
| Art | .10 | .293 | 1000 |
| Law | .10 | .303 | 1000 |
| Media | .10 | .300 | 1000 |
| Education | .09 | .289 | 1000 |
| Environment | .10 | .299 | 1000 |
| Broadsheet | .51 | .500 | 1000 |
| Tabloid | .31 | .464 | 1000 |
| Publication Date | 14-NOV-2020 | 907 09:23:20.667 | 1000 |
| Technology | .10 | .304 | 1000 |
| AI Act | 2.10 | 1.033 | 1000 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** |  |  |  |  |  |  |  |  |
|  |  | absRes | Politics | Business | Economy | Healthcare | Art | Law |
| Pearson Correlation | absRes | 1.000 | -.077 | -.112 | .046 | .057 | -.001 | .152 |
| Politics | -.077 | 1.000 | -.112 | -.114 | -.115 | -.109 | -.114 |
| Business | -.112 | -.112 | 1.000 | -.112 | -.114 | -.108 | -.112 |
| Economy | .046 | -.114 | -.112 | 1.000 | -.115 | -.109 | -.114 |
| Healthcare | .057 | -.115 | -.114 | -.115 | 1.000 | -.111 | -.115 |
| Art | -.001 | -.109 | -.108 | -.109 | -.111 | 1.000 | -.109 |
| Law | .152 | -.114 | -.112 | -.114 | -.115 | -.109 | 1.000 |
| Media | -.059 | -.112 | -.111 | -.112 | -.114 | -.108 | -.112 |
| Education | -.076 | -.107 | -.106 | -.107 | -.109 | -.103 | -.107 |
| Environment | .018 | -.112 | -.110 | -.112 | -.114 | -.107 | -.112 |
| Broadsheet | .023 | -.015 | .005 | .004 | .001 | .002 | -.009 |
| Tabloid | .007 | .008 | .006 | .008 | -.005 | -.019 | .008 |
| Publication Date | -.010 | .004 | .072 | .041 | .003 | .097 | .038 |
| Technology | .048 | -.114 | -.113 | -.114 | -.116 | -.110 | -.114 |
| AI Act | .256 | -.041 | -.163 | -.003 | .053 | -.109 | .212 |
| Sig. (1-tailed) | absRes | . | .007 | <.001 | .071 | .037 | .486 | <.001 |
| Politics | .007 | . | .000 | .000 | .000 | .000 | .000 |
| Business | .000 | .000 | . | .000 | .000 | .000 | .000 |
| Economy | .071 | .000 | .000 | . | .000 | .000 | .000 |
| Healthcare | .037 | .000 | .000 | .000 | . | .000 | .000 |
| Art | .486 | .000 | .000 | .000 | .000 | . | .000 |
| Law | .000 | .000 | .000 | .000 | .000 | .000 | . |
| Media | .031 | .000 | .000 | .000 | .000 | .000 | .000 |
| Education | .008 | .000 | .000 | .000 | .000 | .001 | .000 |
| Environment | .290 | .000 | .000 | .000 | .000 | .000 | .000 |
| Broadsheet | .236 | .314 | .441 | .444 | .489 | .477 | .391 |
| Tabloid | .408 | .396 | .428 | .396 | .433 | .270 | .396 |
| Publication Date | .370 | .446 | .011 | .096 | .466 | .001 | .118 |
| Technology | .066 | .000 | .000 | .000 | .000 | .000 | .000 |
| AI Act | .000 | .098 | .000 | .468 | .046 | .000 | .000 |
| N | absRes | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Politics | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Business | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Economy | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Healthcare | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Art | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Law | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Media | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Education | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Environment | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Broadsheet | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Tabloid | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Publication Date | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Technology | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| AI Act | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** |  |  |  |  |  |  |  |  |
|  |  | Media | Education | Environment | Broadsheet | Tabloid | Publication Date | Technology |
| Pearson Correlation | absRes | -.059 | -.076 | .018 | .023 | .007 | -.010 | .048 |
| Politics | -.112 | -.107 | -.112 | -.015 | .008 | .004 | -.114 |
| Business | -.111 | -.106 | -.110 | .005 | .006 | .072 | -.113 |
| Economy | -.112 | -.107 | -.112 | .004 | .008 | .041 | -.114 |
| Healthcare | -.114 | -.109 | -.114 | .001 | -.005 | .003 | -.116 |
| Art | -.108 | -.103 | -.107 | .002 | -.019 | .097 | -.110 |
| Law | -.112 | -.107 | -.112 | -.009 | .008 | .038 | -.114 |
| Media | 1.000 | -.106 | -.110 | -.009 | .006 | -.084 | -.113 |
| Education | -.106 | 1.000 | -.106 | .026 | -.035 | -.011 | -.108 |
| Environment | -.110 | -.106 | 1.000 | .001 | .008 | .046 | -.112 |
| Broadsheet | -.009 | .026 | .001 | 1.000 | -.691 | -.037 | -.006 |
| Tabloid | .006 | -.035 | .008 | -.691 | 1.000 | .118 | .013 |
| Publication Date | -.084 | -.011 | .046 | -.037 | .118 | 1.000 | -.202 |
| Technology | -.113 | -.108 | -.112 | -.006 | .013 | -.202 | 1.000 |
| AI Act | -.147 | -.053 | .063 | -.004 | .011 | -.049 | .179 |
| Sig. (1-tailed) | absRes | .031 | .008 | .290 | .236 | .408 | .370 | .066 |
| Politics | .000 | .000 | .000 | .314 | .396 | .446 | .000 |
| Business | .000 | .000 | .000 | .441 | .428 | .011 | .000 |
| Economy | .000 | .000 | .000 | .444 | .396 | .096 | .000 |
| Healthcare | .000 | .000 | .000 | .489 | .433 | .466 | .000 |
| Art | .000 | .001 | .000 | .477 | .270 | .001 | .000 |
| Law | .000 | .000 | .000 | .391 | .396 | .118 | .000 |
| Media | . | .000 | .000 | .392 | .428 | .004 | .000 |
| Education | .000 | . | .000 | .203 | .134 | .364 | .000 |
| Environment | .000 | .000 | . | .482 | .400 | .074 | .000 |
| Broadsheet | .392 | .203 | .482 | . | .000 | .123 | .431 |
| Tabloid | .428 | .134 | .400 | .000 | . | .000 | .338 |
| Publication Date | .004 | .364 | .074 | .123 | .000 | . | .000 |
| Technology | .000 | .000 | .000 | .431 | .338 | .000 | . |
| AI Act | .000 | .047 | .023 | .445 | .369 | .062 | .000 |
| N | absRes | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Politics | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Business | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Economy | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Healthcare | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Art | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Law | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Media | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Education | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Environment | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Broadsheet | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Tabloid | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Publication Date | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Technology | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| AI Act | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

|  |  |  |
| --- | --- | --- |
| **Correlations** |  |  |
|  |  | AI Act |
| Pearson Correlation | absRes | .256 |
| Politics | -.041 |
| Business | -.163 |
| Economy | -.003 |
| Healthcare | .053 |
| Art | -.109 |
| Law | .212 |
| Media | -.147 |
| Education | -.053 |
| Environment | .063 |
| Broadsheet | -.004 |
| Tabloid | .011 |
| Publication Date | -.049 |
| Technology | .179 |
| AI Act | 1.000 |
| Sig. (1-tailed) | absRes | <.001 |
| Politics | .098 |
| Business | .000 |
| Economy | .468 |
| Healthcare | .046 |
| Art | .000 |
| Law | .000 |
| Media | .000 |
| Education | .047 |
| Environment | .023 |
| Broadsheet | .445 |
| Tabloid | .369 |
| Publication Date | .062 |
| Technology | .000 |
| AI Act | . |
| N | absRes | 1000 |
| Politics | 1000 |
| Business | 1000 |
| Economy | 1000 |
| Healthcare | 1000 |
| Art | 1000 |
| Law | 1000 |
| Media | 1000 |
| Education | 1000 |
| Environment | 1000 |
| Broadsheet | 1000 |
| Tabloid | 1000 |
| Publication Date | 1000 |
| Technology | 1000 |
| AI Act | 1000 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removed**a |  |  |  |
| Model | Variables Entered | Variables Removed | Method |
| 1 | AI Act, Economy, Broadsheet, Publication Date, Politics, Education, Healthcare, Environment, Art, Media, Law, Business, Tabloidb | . | Enter |

|  |  |  |  |
| --- | --- | --- | --- |
| a. Dependent Variable: absRes |  |  |  |
| b. Tolerance = .000 limit reached. |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary**b |  |  |  |  |  |  |  |  |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics |  |  |  |
| R Square Change | F Change | df1 | df2 |
| 1 | .307a | .094 | .082 | .69066 | .094 | 7.866 | 13 | 986 |

|  |  |
| --- | --- |
| **Model Summary**b |  |
| Model | Change Statistics |
| Sig. F Change |
| 1 | <.001 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| a. Predictors: (Constant), AI Act, Economy, Broadsheet, Publication Date, Politics, Education, Healthcare, Environment, Art, Media, Law, Business, Tabloid |  |
| b. Dependent Variable: absRes |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVA**a |  |  |  |  |  |  |
| Model |  | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 48.781 | 13 | 3.752 | 7.866 | <.001b |
| Residual | 470.336 | 986 | .477 |  |  |
| Total | 519.116 | 999 |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| a. Dependent Variable: absRes |  |  |  |  |  |  |
| b. Predictors: (Constant), AI Act, Economy, Broadsheet, Publication Date, Politics, Education, Healthcare, Environment, Art, Media, Law, Business, Tabloid |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Coefficients**a |  |  |  |  |  |  |  |
| Model |  | Unstandardized Coefficients |  | Standardized Coefficients | t | Sig. | 95.0% Confidence Interval for B |
|  | B | Std. Error | Beta | Lower Bound |
| 1 | (Constant) | 1.303 | 4.001 |  | .326 | .745 | -6.549 |
| Politics | -.163 | .099 | -.068 | -1.651 | .099 | -.356 |
| Business | -.183 | .101 | -.076 | -1.804 | .071 | -.382 |
| Economy | .083 | .099 | .035 | .840 | .401 | -.111 |
| Healthcare | .079 | .097 | .033 | .810 | .418 | -.112 |
| Art | .035 | .102 | .014 | .346 | .729 | -.165 |
| Law | .211 | .098 | .089 | 2.157 | .031 | .019 |
| Media | -.078 | .100 | -.032 | -.777 | .437 | -.274 |
| Education | -.164 | .101 | -.066 | -1.617 | .106 | -.362 |
| Environment | -.008 | .099 | -.004 | -.086 | .932 | -.203 |
| Broadsheet | .077 | .061 | .053 | 1.263 | .207 | -.042 |
| Tabloid | .064 | .066 | .041 | .966 | .334 | -.066 |
| Publication Date | -6.128E-11 | .000 | -.007 | -.211 | .833 | .000 |
| AI Act | .149 | .023 | .214 | 6.560 | <.001 | .104 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Coefficients**a |  |  |  |  |
| Model |  | 95.0% Confidence Interval for B | Collinearity Statistics |  |
|  | Upper Bound | Tolerance | VIF |
| 1 | (Constant) | 9.154 |  |  |
| Politics | .031 | .535 | 1.868 |
| Business | .016 | .515 | 1.943 |
| Economy | .276 | .536 | 1.867 |
| Healthcare | .269 | .538 | 1.860 |
| Art | .236 | .529 | 1.889 |
| Law | .403 | .544 | 1.839 |
| Media | .118 | .531 | 1.882 |
| Education | .035 | .557 | 1.796 |
| Environment | .186 | .546 | 1.830 |
| Broadsheet | .196 | .520 | 1.924 |
| Tabloid | .193 | .512 | 1.954 |
| Publication Date | .000 | .920 | 1.087 |
| AI Act | .194 | .866 | 1.155 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| a. Dependent Variable: absRes |  |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Excluded Variables**a |  |  |  |  |  |  |  |  |
| Model |  | Beta In | t | Sig. | Partial Correlation | Collinearity Statistics |  |  |
|  | Tolerance | VIF | Minimum Tolerance |
| 1 | Technology | .b | . | . | . | -4.874E-14 | -20517538165697.020 | -4.874E-14 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| a. Dependent Variable: absRes |  |  |  |  |  |  |  |  |
| b. Predictors in the Model: (Constant), AI Act, Economy, Broadsheet, Publication Date, Politics, Education, Healthcare, Environment, Art, Media, Law, Business, Tabloid |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Collinearity Diagnostics**a |  |  |  |  |  |  |  |  |  |
| Model | Dimension | Eigenvalue | Condition Index | Variance Proportions |  |  |  |  |  |
| (Constant) | Politics | Business | Economy | Healthcare | Art |
| 1 | 1 | 4.607 | 1.000 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | 1.040 | 2.105 | .00 | .02 | .00 | .00 | .00 | .03 |
| 3 | 1.017 | 2.128 | .00 | .01 | .10 | .00 | .03 | .01 |
| 4 | 1.000 | 2.146 | .00 | .08 | .08 | .11 | .01 | .13 |
| 5 | 1.000 | 2.146 | .00 | .00 | .06 | .00 | .01 | .16 |
| 6 | 1.000 | 2.146 | .00 | .01 | .12 | .18 | .13 | .02 |
| 7 | 1.000 | 2.146 | .00 | .13 | .01 | .06 | .14 | .03 |
| 8 | 1.000 | 2.146 | .00 | .04 | .03 | .00 | .06 | .00 |
| 9 | 1.000 | 2.146 | .00 | .11 | .00 | .06 | .04 | .03 |
| 10 | .961 | 2.189 | .00 | .03 | .00 | .00 | .00 | .02 |
| 11 | .177 | 5.097 | .00 | .03 | .00 | .03 | .05 | .01 |
| 12 | .148 | 5.570 | .00 | .12 | .11 | .14 | .14 | .10 |
| 13 | .049 | 9.681 | .00 | .40 | .44 | .38 | .37 | .42 |
| 14 | 1.484E-5 | 557.117 | 1.00 | .02 | .03 | .02 | .02 | .04 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Collinearity Diagnostics**a |  |  |  |  |  |  |  |  |  |
| Model | Dimension | Variance Proportions |  |  |  |  |  |  |  |
| Law | Media | Education | Environment | Broadsheet | Tabloid | Publication Date | AI Act |
| 1 | 1 | .00 | .00 | .00 | .00 | .01 | .01 | .00 | .01 |
| 2 | .03 | .00 | .15 | .01 | .05 | .10 | .00 | .00 |
| 3 | .18 | .10 | .01 | .02 | .00 | .01 | .00 | .00 |
| 4 | .01 | .01 | .01 | .05 | .00 | .00 | .00 | .00 |
| 5 | .00 | .19 | .05 | .00 | .00 | .00 | .00 | .00 |
| 6 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | .01 | .02 | .06 | .02 | .00 | .00 | .00 | .00 |
| 8 | .17 | .02 | .00 | .16 | .00 | .00 | .00 | .00 |
| 9 | .01 | .07 | .00 | .17 | .00 | .00 | .00 | .00 |
| 10 | .01 | .01 | .17 | .00 | .05 | .12 | .00 | .00 |
| 11 | .11 | .01 | .02 | .05 | .19 | .16 | .00 | .64 |
| 12 | .16 | .11 | .12 | .15 | .60 | .50 | .00 | .04 |
| 13 | .28 | .45 | .39 | .34 | .11 | .10 | .00 | .31 |
| 14 | .03 | .00 | .01 | .03 | .00 | .02 | 1.00 | .00 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| a. Dependent Variable: absRes |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Residuals Statistics**a |  |  |  |  |  |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | .4172 | 1.3491 | .8101 | .22097 | 1000 |
| Residual | -1.13528 | 3.15794 | .00000 | .68615 | 1000 |
| Std. Predicted Value | -1.778 | 2.439 | .000 | 1.000 | 1000 |
| Std. Residual | -1.644 | 4.572 | .000 | .993 | 1000 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| a. Dependent Variable: absRes |  |  |  |  |  |

**Charts**

img.eps

img.eps

**Regression**

|  |  |  |
| --- | --- | --- |
| **Notes** |  |  |
| Output Created |  | 25-JUN-2024 12:58:29 |
| Comments |  |  |
| Input | Data | /Users/helgegeurtjacobusmoes/Desktop/Thesis Data/Data\_SPSS.sav |
| Active Dataset | DataSet1 |
| Filter | <none> |
| Weight | <none> |
| Split File | <none> |
| N of Rows in Working Data File | 1000 |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| Cases Used | Statistics are based on cases with no missing values for any variable used. |
| Syntax |  | REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL CHANGE /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Difference\_Score /METHOD=ENTER Topic\_1 Topic\_2 Topic\_3 Topic\_4 Topic\_5 Topic\_6 Topic\_7 Topic\_8 Topic\_9 Outlet\_Broadsheet Outlet\_Tabloid Year Topic\_0 AIAct\_Continuous /SCATTERPLOT=(\*ZRESID ,\*ZPRED). |
| Resources | Processor Time | 00:00:00.28 |
| Elapsed Time | 00:00:00.00 |
| Memory Required | 14832 bytes |
| Additional Memory Required for Residual Plots | 16 bytes |

|  |  |  |  |
| --- | --- | --- | --- |
| **Descriptive Statistics** |  |  |  |
|  | Mean | Std. Deviation | N |
| Difference Score | .34 | 1.144 | 1000 |
| Politics | .10 | .303 | 1000 |
| Business | .10 | .300 | 1000 |
| Economy | .10 | .303 | 1000 |
| Healthcare | .11 | .307 | 1000 |
| Art | .10 | .293 | 1000 |
| Law | .10 | .303 | 1000 |
| Media | .10 | .300 | 1000 |
| Education | .09 | .289 | 1000 |
| Environment | .10 | .299 | 1000 |
| Broadsheet | .51 | .500 | 1000 |
| Tabloid | .31 | .464 | 1000 |
| Publication Date | 14-NOV-2020 | 907 09:23:20.667 | 1000 |
| Technology | .10 | .304 | 1000 |
| AI Act | 2.10 | 1.033 | 1000 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** |  |  |  |  |  |  |  |  |
|  |  | Difference Score | Politics | Business | Economy | Healthcare | Art | Law |
| Pearson Correlation | Difference Score | 1.000 | -.086 | -.071 | .032 | .129 | -.136 | -.011 |
| Politics | -.086 | 1.000 | -.112 | -.114 | -.115 | -.109 | -.114 |
| Business | -.071 | -.112 | 1.000 | -.112 | -.114 | -.108 | -.112 |
| Economy | .032 | -.114 | -.112 | 1.000 | -.115 | -.109 | -.114 |
| Healthcare | .129 | -.115 | -.114 | -.115 | 1.000 | -.111 | -.115 |
| Art | -.136 | -.109 | -.108 | -.109 | -.111 | 1.000 | -.109 |
| Law | -.011 | -.114 | -.112 | -.114 | -.115 | -.109 | 1.000 |
| Media | -.103 | -.112 | -.111 | -.112 | -.114 | -.108 | -.112 |
| Education | -.050 | -.107 | -.106 | -.107 | -.109 | -.103 | -.107 |
| Environment | .182 | -.112 | -.110 | -.112 | -.114 | -.107 | -.112 |
| Broadsheet | -.020 | -.015 | .005 | .004 | .001 | .002 | -.009 |
| Tabloid | .069 | .008 | .006 | .008 | -.005 | -.019 | .008 |
| Publication Date | .006 | .004 | .072 | .041 | .003 | .097 | .038 |
| Technology | .106 | -.114 | -.113 | -.114 | -.116 | -.110 | -.114 |
| AI Act | .501 | -.041 | -.163 | -.003 | .053 | -.109 | .212 |
| Sig. (1-tailed) | Difference Score | . | .003 | .013 | .155 | <.001 | <.001 | .361 |
| Politics | .003 | . | .000 | .000 | .000 | .000 | .000 |
| Business | .013 | .000 | . | .000 | .000 | .000 | .000 |
| Economy | .155 | .000 | .000 | . | .000 | .000 | .000 |
| Healthcare | .000 | .000 | .000 | .000 | . | .000 | .000 |
| Art | .000 | .000 | .000 | .000 | .000 | . | .000 |
| Law | .361 | .000 | .000 | .000 | .000 | .000 | . |
| Media | .001 | .000 | .000 | .000 | .000 | .000 | .000 |
| Education | .058 | .000 | .000 | .000 | .000 | .001 | .000 |
| Environment | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| Broadsheet | .263 | .314 | .441 | .444 | .489 | .477 | .391 |
| Tabloid | .015 | .396 | .428 | .396 | .433 | .270 | .396 |
| Publication Date | .430 | .446 | .011 | .096 | .466 | .001 | .118 |
| Technology | .000 | .000 | .000 | .000 | .000 | .000 | .000 |
| AI Act | .000 | .098 | .000 | .468 | .046 | .000 | .000 |
| N | Difference Score | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Politics | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Business | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Economy | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Healthcare | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Art | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Law | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Media | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Education | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Environment | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Broadsheet | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Tabloid | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Publication Date | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Technology | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| AI Act | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** |  |  |  |  |  |  |  |  |
|  |  | Media | Education | Environment | Broadsheet | Tabloid | Publication Date | Technology |
| Pearson Correlation | Difference Score | -.103 | -.050 | .182 | -.020 | .069 | .006 | .106 |
| Politics | -.112 | -.107 | -.112 | -.015 | .008 | .004 | -.114 |
| Business | -.111 | -.106 | -.110 | .005 | .006 | .072 | -.113 |
| Economy | -.112 | -.107 | -.112 | .004 | .008 | .041 | -.114 |
| Healthcare | -.114 | -.109 | -.114 | .001 | -.005 | .003 | -.116 |
| Art | -.108 | -.103 | -.107 | .002 | -.019 | .097 | -.110 |
| Law | -.112 | -.107 | -.112 | -.009 | .008 | .038 | -.114 |
| Media | 1.000 | -.106 | -.110 | -.009 | .006 | -.084 | -.113 |
| Education | -.106 | 1.000 | -.106 | .026 | -.035 | -.011 | -.108 |
| Environment | -.110 | -.106 | 1.000 | .001 | .008 | .046 | -.112 |
| Broadsheet | -.009 | .026 | .001 | 1.000 | -.691 | -.037 | -.006 |
| Tabloid | .006 | -.035 | .008 | -.691 | 1.000 | .118 | .013 |
| Publication Date | -.084 | -.011 | .046 | -.037 | .118 | 1.000 | -.202 |
| Technology | -.113 | -.108 | -.112 | -.006 | .013 | -.202 | 1.000 |
| AI Act | -.147 | -.053 | .063 | -.004 | .011 | -.049 | .179 |
| Sig. (1-tailed) | Difference Score | <.001 | .058 | <.001 | .263 | .015 | .430 | <.001 |
| Politics | .000 | .000 | .000 | .314 | .396 | .446 | .000 |
| Business | .000 | .000 | .000 | .441 | .428 | .011 | .000 |
| Economy | .000 | .000 | .000 | .444 | .396 | .096 | .000 |
| Healthcare | .000 | .000 | .000 | .489 | .433 | .466 | .000 |
| Art | .000 | .001 | .000 | .477 | .270 | .001 | .000 |
| Law | .000 | .000 | .000 | .391 | .396 | .118 | .000 |
| Media | . | .000 | .000 | .392 | .428 | .004 | .000 |
| Education | .000 | . | .000 | .203 | .134 | .364 | .000 |
| Environment | .000 | .000 | . | .482 | .400 | .074 | .000 |
| Broadsheet | .392 | .203 | .482 | . | .000 | .123 | .431 |
| Tabloid | .428 | .134 | .400 | .000 | . | .000 | .338 |
| Publication Date | .004 | .364 | .074 | .123 | .000 | . | .000 |
| Technology | .000 | .000 | .000 | .431 | .338 | .000 | . |
| AI Act | .000 | .047 | .023 | .445 | .369 | .062 | .000 |
| N | Difference Score | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Politics | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Business | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Economy | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Healthcare | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Art | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Law | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Media | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Education | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Environment | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Broadsheet | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Tabloid | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Publication Date | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Technology | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| AI Act | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

|  |  |  |
| --- | --- | --- |
| **Correlations** |  |  |
|  |  | AI Act |
| Pearson Correlation | Difference Score | .501 |
| Politics | -.041 |
| Business | -.163 |
| Economy | -.003 |
| Healthcare | .053 |
| Art | -.109 |
| Law | .212 |
| Media | -.147 |
| Education | -.053 |
| Environment | .063 |
| Broadsheet | -.004 |
| Tabloid | .011 |
| Publication Date | -.049 |
| Technology | .179 |
| AI Act | 1.000 |
| Sig. (1-tailed) | Difference Score | <.001 |
| Politics | .098 |
| Business | .000 |
| Economy | .468 |
| Healthcare | .046 |
| Art | .000 |
| Law | .000 |
| Media | .000 |
| Education | .047 |
| Environment | .023 |
| Broadsheet | .445 |
| Tabloid | .369 |
| Publication Date | .062 |
| Technology | .000 |
| AI Act | . |
| N | Difference Score | 1000 |
| Politics | 1000 |
| Business | 1000 |
| Economy | 1000 |
| Healthcare | 1000 |
| Art | 1000 |
| Law | 1000 |
| Media | 1000 |
| Education | 1000 |
| Environment | 1000 |
| Broadsheet | 1000 |
| Tabloid | 1000 |
| Publication Date | 1000 |
| Technology | 1000 |
| AI Act | 1000 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables Entered/Removed**a |  |  |  |
| Model | Variables Entered | Variables Removed | Method |
| 1 | AI Act, Economy, Broadsheet, Publication Date, Politics, Education, Healthcare, Environment, Art, Media, Law, Business, Tabloidb | . | Enter |

|  |  |  |  |
| --- | --- | --- | --- |
| a. Dependent Variable: Difference Score |  |  |  |
| b. Tolerance = .000 limit reached. |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Summary**b |  |  |  |  |  |  |  |  |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics |  |  |  |
| R Square Change | F Change | df1 | df2 |
| 1 | .557a | .311 | .301 | .956 | .311 | 34.166 | 13 | 986 |

|  |  |
| --- | --- |
| **Model Summary**b |  |
| Model | Change Statistics |
| Sig. F Change |
| 1 | <.001 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| a. Predictors: (Constant), AI Act, Economy, Broadsheet, Publication Date, Politics, Education, Healthcare, Environment, Art, Media, Law, Business, Tabloid |  |
| b. Dependent Variable: Difference Score |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVA**a |  |  |  |  |  |  |
| Model |  | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 405.917 | 13 | 31.224 | 34.166 | <.001b |
| Residual | 901.119 | 986 | .914 |  |  |
| Total | 1307.036 | 999 |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| a. Dependent Variable: Difference Score |  |  |  |  |  |  |
| b. Predictors: (Constant), AI Act, Economy, Broadsheet, Publication Date, Politics, Education, Healthcare, Environment, Art, Media, Law, Business, Tabloid |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Coefficients**a |  |  |  |  |  |  |  |
| Model |  | Unstandardized Coefficients |  | Standardized Coefficients | t | Sig. | 95.0% Confidence Interval for B |
|  | B | Std. Error | Beta | Lower Bound |
| 1 | (Constant) | -6.045 | 5.538 |  | -1.092 | .275 | -16.912 |
| Politics | -.300 | .137 | -.079 | -2.198 | .028 | -.568 |
| Business | -.050 | .140 | -.013 | -.355 | .723 | -.325 |
| Economy | .032 | .136 | .008 | .233 | .816 | -.236 |
| Healthcare | .268 | .134 | .072 | 1.994 | .046 | .004 |
| Art | -.367 | .142 | -.094 | -2.587 | .010 | -.645 |
| Law | -.471 | .135 | -.125 | -3.476 | <.001 | -.737 |
| Media | -.171 | .138 | -.045 | -1.239 | .216 | -.443 |
| Education | -.152 | .140 | -.038 | -1.083 | .279 | -.427 |
| Environment | .439 | .137 | .115 | 3.206 | .001 | .170 |
| Broadsheet | .095 | .084 | .042 | 1.138 | .255 | -.069 |
| Tabloid | .216 | .091 | .087 | 2.364 | .018 | .037 |
| Publication Date | 3.764E-10 | .000 | .026 | .936 | .350 | .000 |
| AI Act | .545 | .031 | .492 | 17.322 | <.001 | .483 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Coefficients**a |  |  |  |  |
| Model |  | 95.0% Confidence Interval for B | Collinearity Statistics |  |
|  | Upper Bound | Tolerance | VIF |
| 1 | (Constant) | 4.823 |  |  |
| Politics | -.032 | .535 | 1.868 |
| Business | .226 | .515 | 1.943 |
| Economy | .300 | .536 | 1.867 |
| Healthcare | .532 | .538 | 1.860 |
| Art | -.089 | .529 | 1.889 |
| Law | -.205 | .544 | 1.839 |
| Media | .100 | .531 | 1.882 |
| Education | .123 | .557 | 1.796 |
| Environment | .708 | .546 | 1.830 |
| Broadsheet | .260 | .520 | 1.924 |
| Tabloid | .395 | .512 | 1.954 |
| Publication Date | .000 | .920 | 1.087 |
| AI Act | .607 | .866 | 1.155 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| a. Dependent Variable: Difference Score |  |  |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Excluded Variables**a |  |  |  |  |  |  |  |  |
| Model |  | Beta In | t | Sig. | Partial Correlation | Collinearity Statistics |  |  |
|  | Tolerance | VIF | Minimum Tolerance |
| 1 | Technology | .b | . | . | . | -4.874E-14 | -20517538165697.020 | -4.874E-14 |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| a. Dependent Variable: Difference Score |  |  |  |  |  |  |  |  |
| b. Predictors in the Model: (Constant), AI Act, Economy, Broadsheet, Publication Date, Politics, Education, Healthcare, Environment, Art, Media, Law, Business, Tabloid |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Collinearity Diagnostics**a |  |  |  |  |  |  |  |  |  |
| Model | Dimension | Eigenvalue | Condition Index | Variance Proportions |  |  |  |  |  |
| (Constant) | Politics | Business | Economy | Healthcare | Art |
| 1 | 1 | 4.607 | 1.000 | .00 | .00 | .00 | .00 | .00 | .00 |
| 2 | 1.040 | 2.105 | .00 | .02 | .00 | .00 | .00 | .03 |
| 3 | 1.017 | 2.128 | .00 | .01 | .10 | .00 | .03 | .01 |
| 4 | 1.000 | 2.146 | .00 | .08 | .08 | .11 | .01 | .13 |
| 5 | 1.000 | 2.146 | .00 | .00 | .06 | .00 | .01 | .16 |
| 6 | 1.000 | 2.146 | .00 | .01 | .12 | .18 | .13 | .02 |
| 7 | 1.000 | 2.146 | .00 | .13 | .01 | .06 | .14 | .03 |
| 8 | 1.000 | 2.146 | .00 | .04 | .03 | .00 | .06 | .00 |
| 9 | 1.000 | 2.146 | .00 | .11 | .00 | .06 | .04 | .03 |
| 10 | .961 | 2.189 | .00 | .03 | .00 | .00 | .00 | .02 |
| 11 | .177 | 5.097 | .00 | .03 | .00 | .03 | .05 | .01 |
| 12 | .148 | 5.570 | .00 | .12 | .11 | .14 | .14 | .10 |
| 13 | .049 | 9.681 | .00 | .40 | .44 | .38 | .37 | .42 |
| 14 | 1.484E-5 | 557.117 | 1.00 | .02 | .03 | .02 | .02 | .04 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Collinearity Diagnostics**a |  |  |  |  |  |  |  |  |  |
| Model | Dimension | Variance Proportions |  |  |  |  |  |  |  |
| Law | Media | Education | Environment | Broadsheet | Tabloid | Publication Date | AI Act |
| 1 | 1 | .00 | .00 | .00 | .00 | .01 | .01 | .00 | .01 |
| 2 | .03 | .00 | .15 | .01 | .05 | .10 | .00 | .00 |
| 3 | .18 | .10 | .01 | .02 | .00 | .01 | .00 | .00 |
| 4 | .01 | .01 | .01 | .05 | .00 | .00 | .00 | .00 |
| 5 | .00 | .19 | .05 | .00 | .00 | .00 | .00 | .00 |
| 6 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | .00 |
| 7 | .01 | .02 | .06 | .02 | .00 | .00 | .00 | .00 |
| 8 | .17 | .02 | .00 | .16 | .00 | .00 | .00 | .00 |
| 9 | .01 | .07 | .00 | .17 | .00 | .00 | .00 | .00 |
| 10 | .01 | .01 | .17 | .00 | .05 | .12 | .00 | .00 |
| 11 | .11 | .01 | .02 | .05 | .19 | .16 | .00 | .64 |
| 12 | .16 | .11 | .12 | .15 | .60 | .50 | .00 | .04 |
| 13 | .28 | .45 | .39 | .34 | .11 | .10 | .00 | .31 |
| 14 | .03 | .00 | .01 | .03 | .00 | .02 | 1.00 | .00 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| a. Dependent Variable: Difference Score |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Residuals Statistics**a |  |  |  |  |  |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | -.81 | 2.01 | .34 | .637 | 1000 |
| Residual | -3.221 | 2.113 | .000 | .950 | 1000 |
| Std. Predicted Value | -1.812 | 2.613 | .000 | 1.000 | 1000 |
| Std. Residual | -3.369 | 2.211 | .000 | .993 | 1000 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| a. Dependent Variable: Difference Score |  |  |  |  |  |