# Regresje do predicted values

## Korupcja

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model Summaryb** | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
| 1 | .422a | .178 | .176 | 2.120 | 1.974 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 11702.937 | 26 | 450.113 | 100.173 | <.001b |
| Residual | 53947.008 | 12006 | 4.493 |  |  |
| Total | 65649.946 | 12032 |  |  |  |
| a. Dependent Variable: korupcja | | | | | | |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Coefficientsa** | | | | | | | | | | Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | | | B | Std. Error | Beta | Tolerance | VIF | | 1 | (Constant) | 7.527 | .107 |  | 70.381 | <.001 |  |  | | country=Argentyna | .964 | .104 | .095 | 9.259 | <.001 | .648 | 1.542 | | country=Australia | -.450 | .114 | -.061 | -3.934 | <.001 | .281 | 3.555 | | country=Czechy | -.621 | .091 | -.076 | -6.800 | <.001 | .551 | 1.814 | | country=Niemcy | -2.295 | .092 | -.300 | -24.875 | <.001 | .470 | 2.126 | | country=Indie | .258 | .105 | .029 | 2.450 | .014 | .476 | 2.102 | | country=Japonia | -.735 | .093 | -.080 | -7.879 | <.001 | .659 | 1.518 | | country=Libia | 1.409 | .097 | .149 | 14.548 | <.001 | .651 | 1.535 | | country=Nigeria | 1.049 | .095 | .124 | 11.016 | <.001 | .544 | 1.837 | | country=Filipiny | -.869 | .099 | -.108 | -8.814 | <.001 | .460 | 2.176 | | country=Rosja | .081 | .082 | .011 | .988 | .323 | .528 | 1.893 | | plec=Male | -.034 | .042 | -.007 | -.810 | .418 | .831 | 1.203 | | wyksztalcenie=Middle | .149 | .059 | .031 | 2.541 | .011 | .465 | 2.151 | | wyksztalcenie=Higher | -.057 | .064 | -.012 | -.881 | .378 | .379 | 2.637 | | city\_size=10 000 - 500 000 | .185 | .052 | .040 | 3.543 | <.001 | .549 | 1.823 | | city\_size=500 000 and more | -.178 | .065 | -.031 | -2.727 | .006 | .515 | 1.941 | | age=40-59 | .123 | .048 | .026 | 2.575 | .010 | .695 | 1.439 | | age=60-79 | .027 | .063 | .005 | .427 | .669 | .525 | 1.904 | | work=Employed | -.054 | .048 | -.011 | -1.112 | .266 | .733 | 1.364 | | kids=1-3 kids | .040 | .050 | .008 | .808 | .419 | .633 | 1.579 | | kids=4 and more kids | -.072 | .073 | -.011 | -.985 | .324 | .579 | 1.726 | | left\_right=Left | .161 | .052 | .029 | 3.101 | .002 | .763 | 1.311 | | left\_right=Right | .003 | .046 | .001 | .069 | .945 | .818 | 1.223 | | Australia=1.0 \* edu\_high=1.0 | -.809 | .124 | -.080 | -6.499 | <.001 | .456 | 2.195 | | Australia=1.0 \* male=1.0 | -.482 | .124 | -.043 | -3.886 | <.001 | .553 | 1.807 | | Indie=1.0 \* poglady\_left=1.0 | -1.220 | .213 | -.052 | -5.724 | <.001 | .833 | 1.201 | | Niemcy=1.0 \* age\_60\_79=1.0 | .446 | .139 | .034 | 3.203 | .001 | .600 | 1.668 | | a. Dependent Variable: korupcja | | | | | | | | |  Gospodarka  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Model Summaryb** | | | | | | | Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson | | 1 | .346a | .120 | .118 | 2.697 | 1.967 |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **ANOVAa** | | | | | | | | Model | | Sum of Squares | df | Mean Square | F | Sig. | | 1 | Regression | 11912.413 | 28 | 425.443 | 58.493 | <.001b | | Residual | 87310.595 | 12004 | 7.273 |  |  | | Total | 99223.007 | 12032 |  |  |  | | a. Dependent Variable: gospodarka | | | | | | | | |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Coefficientsa** | | | | | | | | | | | Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | | | B | Std. Error | Beta | Tolerance | VIF | | 1 | (Constant) | 4.393 | .138 |  | 31.912 | <.001 |  |  | | country=Argentyna | .796 | .132 | .064 | 6.011 | <.001 | .648 | 1.543 | | country=Australia | 1.021 | .112 | .113 | 9.078 | <.001 | .470 | 2.126 | | country=Czechy | 1.725 | .116 | .171 | 14.891 | <.001 | .554 | 1.807 | | country=Niemcy | 1.161 | .104 | .123 | 11.117 | <.001 | .595 | 1.681 | | country=Indie | 2.426 | .171 | .225 | 14.154 | <.001 | .291 | 3.440 | | country=Japonia | .536 | .119 | .048 | 4.518 | <.001 | .660 | 1.516 | | country=Libia | 1.676 | .123 | .144 | 13.597 | <.001 | .650 | 1.537 | | country=Nigeria | 2.643 | .123 | .253 | 21.537 | <.001 | .531 | 1.882 | | country=Filipiny | 1.301 | .126 | .131 | 10.362 | <.001 | .459 | 2.179 | | country=Rosja | 1.684 | .105 | .189 | 16.046 | <.001 | .528 | 1.892 | | plec=Male | .194 | .053 | .034 | 3.690 | <.001 | .873 | 1.146 | | wyksztalcenie=Middle | .335 | .074 | .056 | 4.498 | <.001 | .465 | 2.151 | | wyksztalcenie=Higher | .533 | .086 | .091 | 6.217 | <.001 | .344 | 2.909 | | city\_size=10 000 - 500 000 | -.140 | .066 | -.024 | -2.108 | .035 | .548 | 1.825 | | city\_size=500 000 and more | -.301 | .091 | -.043 | -3.317 | <.001 | .433 | 2.310 | | age=40-59 | .035 | .061 | .006 | .570 | .569 | .695 | 1.439 | | age=60-79 | -.024 | .091 | -.004 | -.263 | .793 | .411 | 2.433 | | work=Employed | .139 | .062 | .023 | 2.245 | .025 | .729 | 1.372 | | kids=1-3 kids | .187 | .064 | .032 | 2.948 | .003 | .633 | 1.580 | | kids=4 and more kids | .212 | .093 | .026 | 2.284 | .022 | .575 | 1.738 | | left\_right=Left | -.817 | .066 | -.121 | -12.358 | <.001 | .764 | 1.309 | | left\_right=Right | .439 | .066 | .071 | 6.662 | <.001 | .651 | 1.535 | | Indie=1.0 \* male=1.0 | -.390 | .188 | -.028 | -2.075 | .038 | .413 | 2.423 | | edu\_high=1.0 \* age\_60\_79=1.0 | -.207 | .123 | -.020 | -1.684 | .092 | .529 | 1.891 | | city\_more\_500000=1.0 \* poglady\_right=1.0 | .369 | .137 | .030 | 2.692 | .007 | .584 | 1.711 | | Australia=1.0 \* poglady\_right=1.0 | .829 | .184 | .048 | 4.514 | <.001 | .658 | 1.519 | | Indie=1.0 \* poglady\_left=1.0 | -1.150 | .272 | -.040 | -4.233 | <.001 | .830 | 1.205 | | Nigeria=1.0 \* age\_60\_79=1.0 | 1.421 | .398 | .032 | 3.567 | <.001 | .902 | 1.108 | | a. Dependent Variable: gospodarka | | | | | | | | | | | | | | | | |  Technologia  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Model Summaryb** | | | | | | | Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson | | 1 | .266a | .071 | .069 | 2.271 | 1.932 |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **ANOVAa** | | | | | | | | Model | | Sum of Squares | df | Mean Square | F | Sig. | | 1 | Regression | 4710.141 | 25 | 188.406 | 36.526 | <.001b | | Residual | 61934.303 | 12007 | 5.158 |  |  | | Total | 66644.444 | 12032 |  |  |  | | a. Dependent Variable: technologia | | | | | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Coefficientsa** | | | | | | | | | | | Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | | | B | Std. Error | Beta | Tolerance | VIF | | 1 | (Constant) | 6.521 | .116 |  | 56.424 | <.001 |  |  | | country=Argentyna | .114 | .140 | .011 | .817 | .414 | .410 | 2.439 | | country=Australia | .149 | .087 | .020 | 1.702 | .089 | .553 | 1.807 | | country=Czechy | -.021 | .098 | -.003 | -.216 | .829 | .550 | 1.818 | | country=Niemcy | .095 | .088 | .012 | 1.080 | .280 | .595 | 1.681 | | country=Indie | .379 | .108 | .043 | 3.507 | <.001 | .519 | 1.928 | | country=Japonia | .372 | .100 | .040 | 3.727 | <.001 | .660 | 1.516 | | country=Libia | 1.928 | .114 | .203 | 16.905 | <.001 | .539 | 1.855 | | country=Nigeria | 1.032 | .102 | .121 | 10.107 | <.001 | .544 | 1.840 | | country=Filipiny | -.173 | .106 | -.021 | -1.630 | .103 | .455 | 2.199 | | country=Rosja | .668 | .130 | .091 | 5.138 | <.001 | .244 | 4.097 | | plec=Male | .170 | .043 | .036 | 3.970 | <.001 | .937 | 1.068 | | wyksztalcenie=Middle | .182 | .065 | .037 | 2.809 | .005 | .437 | 2.287 | | wyksztalcenie=Higher | .651 | .070 | .135 | 9.297 | <.001 | .367 | 2.728 | | city\_size=10 000 - 500 000 | .000 | .056 | .000 | -.008 | .994 | .548 | 1.825 | | city\_size=500 000 and more | .224 | .070 | .039 | 3.205 | .001 | .516 | 1.937 | | age=40-59 | .087 | .051 | .018 | 1.707 | .088 | .695 | 1.439 | | age=60-79 | .092 | .065 | .016 | 1.407 | .160 | .564 | 1.772 | | work=Employed | .055 | .052 | .011 | 1.059 | .290 | .741 | 1.349 | | kids=1-3 kids | -.150 | .053 | -.031 | -2.814 | .005 | .634 | 1.578 | | kids=4 and more kids | -.147 | .078 | -.022 | -1.888 | .059 | .579 | 1.727 | | left\_right=Left | .188 | .056 | .034 | 3.343 | <.001 | .752 | 1.329 | | left\_right=Right | .427 | .050 | .084 | 8.621 | <.001 | .819 | 1.222 | | Libia=1.0 \* poglady\_left=1.0 | -.769 | .201 | -.039 | -3.834 | <.001 | .731 | 1.367 | | Rosja=1.0 \* edu\_high=1.0 | -.360 | .141 | -.042 | -2.550 | .011 | .286 | 3.497 | | Argentyna=1.0 \* edu\_mid=1.0 | .780 | .183 | .052 | 4.266 | <.001 | .519 | 1.928 | | a. Dependent Variable: technologia | | | | | | | | | |  Demokracja  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Model Summaryb** | | | | | | | Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson | | 1 | .364a | .132 | .130 | 1.972 | 1.917 |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **ANOVAa** | | | | | | | | Model | | Sum of Squares | df | Mean Square | F | Sig. | | 1 | Regression | 7111.151 | 26 | 273.506 | 70.365 | <.001b | | Residual | 46667.014 | 12006 | 3.887 |  |  | | Total | 53778.165 | 12032 |  |  |  | | a. Dependent Variable: demokracja | | | | | | |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Coefficientsa** | | | | | | | | | | | Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | | | B | Std. Error | Beta | Tolerance | VIF | | 1 | (Constant) | 7.409 | .100 |  | 73.848 | <.001 |  |  | | country=Argentyna | .665 | .097 | .073 | 6.853 | <.001 | .646 | 1.549 | | country=Australia | .567 | .086 | .085 | 6.614 | <.001 | .433 | 2.310 | | country=Czechy | -.250 | .085 | -.034 | -2.940 | .003 | .550 | 1.818 | | country=Niemcy | 1.170 | .076 | .169 | 15.335 | <.001 | .595 | 1.680 | | country=Indie | .337 | .094 | .042 | 3.576 | <.001 | .515 | 1.941 | | country=Japonia | .247 | .087 | .030 | 2.847 | .004 | .659 | 1.517 | | country=Libia | .036 | .124 | .004 | .291 | .771 | .342 | 2.923 | | country=Nigeria | .185 | .098 | .024 | 1.890 | .059 | .446 | 2.244 | | country=Filipiny | -.589 | .092 | -.081 | -6.400 | <.001 | .456 | 2.191 | | country=Rosja | -1.001 | .077 | -.153 | -13.000 | <.001 | .524 | 1.907 | | plec=Male | .074 | .037 | .018 | 1.992 | .046 | .936 | 1.069 | | wyksztalcenie=Middle | .198 | .058 | .045 | 3.394 | <.001 | .406 | 2.464 | | wyksztalcenie=Higher | .655 | .058 | .151 | 11.247 | <.001 | .399 | 2.507 | | city\_size=10 000 - 500 000 | -.014 | .050 | -.003 | -.283 | .777 | .510 | 1.960 | | city\_size=500 000 and more | .166 | .061 | .032 | 2.722 | .006 | .514 | 1.946 | | age=40-59 | .372 | .044 | .085 | 8.361 | <.001 | .695 | 1.438 | | age=60-79 | .420 | .065 | .084 | 6.465 | <.001 | .427 | 2.342 | | work=Employed | -.020 | .045 | -.004 | -.441 | .660 | .741 | 1.350 | | kids=1-3 kids | .033 | .046 | .008 | .715 | .475 | .633 | 1.579 | | kids=4 and more kids | -.083 | .068 | -.014 | -1.224 | .221 | .580 | 1.726 | | left\_right=Left | .214 | .053 | .043 | 4.052 | <.001 | .639 | 1.565 | | left\_right=Right | .471 | .043 | .103 | 10.947 | <.001 | .815 | 1.227 | | edu\_mid=1.0 \* age\_60\_79=1.0 | .320 | .088 | .043 | 3.624 | <.001 | .520 | 1.925 | | Australia=1.0 \* poglady\_left=1.0 | .314 | .126 | .027 | 2.486 | .013 | .609 | 1.643 | | Libia=1.0 \* city\_10000\_500000=1.0 | .349 | .148 | .031 | 2.361 | .018 | .419 | 2.388 | | Nigeria=1.0 \* poglady\_left=1.0 | -.601 | .150 | -.042 | -3.994 | <.001 | .662 | 1.509 | | a. Dependent Variable: demokracja | | | | | | | | | |  Satysfakcja  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Model Summaryb** | | | | | | | Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson | | 1 | .324a | .105 | .103 | 2.009 | 1.971 |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **ANOVAa** | | | | | | | | Model | | Sum of Squares | df | Mean Square | F | Sig. | | 1 | Regression | 5676.896 | 27 | 210.255 | 52.083 | <.001b | | Residual | 48463.222 | 12005 | 4.037 |  |  | | Total | 54140.118 | 12032 |  |  |  | | a. Dependent Variable: satysfakcja | | | | | | | | |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Coefficientsa** | | | | | | | | | | | Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | | | B | Std. Error | Beta | Tolerance | VIF | | 1 | (Constant) | 6.849 | .101 |  | 67.766 | <.001 |  |  | | country=Argentyna | .381 | .099 | .041 | 3.868 | <.001 | .649 | 1.540 | | country=Australia | .225 | .077 | .034 | 2.906 | .004 | .552 | 1.810 | | country=Czechy | -.195 | .086 | -.026 | -2.261 | .024 | .554 | 1.806 | | country=Niemcy | .544 | .078 | .078 | 6.992 | <.001 | .595 | 1.681 | | country=Indie | -.066 | .095 | -.008 | -.695 | .487 | .522 | 1.917 | | country=Japonia | -.641 | .088 | -.077 | -7.251 | <.001 | .659 | 1.517 | | country=Libia | .434 | .106 | .051 | 4.079 | <.001 | .484 | 2.065 | | country=Nigeria | -1.523 | .106 | -.197 | -14.304 | <.001 | .391 | 2.554 | | country=Filipiny | .069 | .093 | .009 | .738 | .461 | .460 | 2.173 | | country=Rosja | -1.130 | .094 | -.172 | -12.022 | <.001 | .366 | 2.734 | | plec=Male | -.142 | .040 | -.034 | -3.535 | <.001 | .827 | 1.210 | | wyksztalcenie=Middle | .217 | .056 | .050 | 3.886 | <.001 | .458 | 2.185 | | wyksztalcenie=Higher | .550 | .059 | .127 | 9.250 | <.001 | .397 | 2.518 | | city\_size=10 000 - 500 000 | -.177 | .050 | -.042 | -3.574 | <.001 | .548 | 1.823 | | city\_size=500 000 and more | -.118 | .062 | -.023 | -1.912 | .056 | .517 | 1.935 | | age=40-59 | -.118 | .045 | -.027 | -2.589 | .010 | .691 | 1.446 | | age=60-79 | .094 | .058 | .019 | 1.611 | .107 | .549 | 1.822 | | work=Employed | .183 | .046 | .040 | 3.991 | <.001 | .737 | 1.358 | | kids=1-3 kids | .241 | .049 | .055 | 4.964 | <.001 | .599 | 1.669 | | kids=4 and more kids | .208 | .070 | .034 | 2.965 | .003 | .559 | 1.789 | | left\_right=Left | -.203 | .048 | -.041 | -4.222 | <.001 | .801 | 1.249 | | left\_right=Right | .369 | .044 | .080 | 8.424 | <.001 | .818 | 1.223 | | Nigeria=1.0 \* kid\_1\_3=1.0 | -.313 | .141 | -.025 | -2.227 | .026 | .585 | 1.708 | | Nigeria=1.0 \* age\_60\_79=1.0 | .690 | .297 | .021 | 2.324 | .020 | .902 | 1.109 | | Libia=1.0 \* edu\_mid=1.0 | .386 | .158 | .027 | 2.448 | .014 | .629 | 1.589 | | Rosja=1.0 \* male=1.0 | .397 | .115 | .041 | 3.441 | <.001 | .531 | 1.885 | | Rosja=1.0 \* kid\_4\_more=1.0 | .822 | .296 | .025 | 2.777 | .005 | .925 | 1.081 | | a. Dependent Variable: satysfakcja | | | | | | | | | | | | | | | | | | | | | | | |