|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | | |
|  | | Overall Jokl Rank | Coastline (Km) (2018) | Temperature (1901-2016 [C]) | GDP (US Billion Dollar) | Elevation (Feet) | Status of Women | Democracy Index | Population |
| Pearson Correlation | Overall Jokl Rank | 1.000 | .333 | -.413 | .774 | -.110 | .400 | .305 | .348 |
| Coastline (Km) (2018) | .333 | 1.000 | -.302 | .177 | -.057 | .213 | .238 | .099 |
| Temperature (1901-2016 [C]) | -.413 | -.302 | 1.000 | -.213 | -.245 | -.579 | -.401 | -.016 |
| GDP (US Billion Dollar) | .774 | .177 | -.213 | 1.000 | .008 | .176 | .106 | .570 |
| Elevation (Feet) | -.110 | -.057 | -.245 | .008 | 1.000 | -.197 | -.220 | .111 |
| Status of Women | .400 | .213 | -.579 | .176 | -.197 | 1.000 | .732 | -.092 |
| Democracy Index | .305 | .238 | -.401 | .106 | -.220 | .732 | 1.000 | -.067 |
| Population | .348 | .099 | -.016 | .570 | .111 | -.092 | -.067 | 1.000 |
| Sig. (1-tailed) | Overall Jokl Rank | . | .000 | .000 | .000 | .090 | .000 | .000 | .000 |
| Coastline (Km) (2018) | .000 | . | .000 | .015 | .244 | .005 | .002 | .115 |
| Temperature (1901-2016 [C]) | .000 | .000 | . | .005 | .001 | .000 | .000 | .422 |
| GDP (US Billion Dollar) | .000 | .015 | .005 | . | .460 | .016 | .099 | .000 |
| Elevation (Feet) | .090 | .244 | .001 | .460 | . | .008 | .003 | .089 |
| Status of Women | .000 | .005 | .000 | .016 | .008 | . | .000 | .132 |
| Democracy Index | .000 | .002 | .000 | .099 | .003 | .000 | . | .209 |
| Population | .000 | .115 | .422 | .000 | .089 | .132 | .209 | . |
| N | Overall Jokl Rank | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 |
| Coastline (Km) (2018) | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 |
| Temperature (1901-2016 [C]) | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 |
| GDP (US Billion Dollar) | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 |
| Elevation (Feet) | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 |
| Status of Women | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 |
| Democracy Index | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 |
| Population | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 25750825.444 | 7 | 3678689.349 | 51.644 | .000b |
| Residual | 10043696.403 | 141 | 71231.889 |  |  |
| Total | 35794521.847 | 148 |  |  |  |
| a. Dependent Variable: Overall Jokl Rank | | | | | | |
| b. Predictors: (Constant), Population, Temperature (1901-2016 [C]), Elevation (Feet), Coastline (Km) (2018), Democracy Index, GDP (US Billion Dollar), Status of Women | | | | | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model Summaryb** | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
| 1 | .848a | .719 | .705 | 266.893029850760230 | 2.162 |
| a. Predictors: (Constant), Population, Temperature (1901-2016 [C]), Elevation (Feet), Coastline (Km) (2018), Democracy Index, GDP (US Billion Dollar), Status of Women | | | | | |
| b. Dependent Variable: Overall Jokl Rank | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
| B | Std. Error | Beta | Tolerance | VIF |
| 1 | (Constant) | 130.275 | 279.479 |  | .466 | .642 |  |  |
| Coastline (Km) (2018) | .003 | .001 | .119 | 2.472 | .015 | .861 | 1.161 |
| Temperature (1901-2016 [C]) | -11.441 | 3.728 | -.196 | -3.069 | .003 | .489 | 2.046 |
| GDP (US Billion Dollar) | .164 | .013 | .729 | 12.736 | .000 | .608 | 1.644 |
| Elevation (Feet) | -.035 | .014 | -.129 | -2.480 | .014 | .740 | 1.352 |
| Status of Women | 376.666 | 365.147 | .080 | 1.032 | .304 | .330 | 3.028 |
| Democracy Index | 6.797 | 14.989 | .030 | .453 | .651 | .450 | 2.222 |
| Population | -1.721E-7 | .000 | -.059 | -1.041 | .300 | .629 | 1.590 |
| a. Dependent Variable: Overall Jokl Rank | | | | | | | | |

