|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | | |
|  | | Cycling | Coastline (Km) (2018) | Temperature (1901-2016 [C]) | GDP (US Billion Dollar) | Elevation (Feet) | Status of Women | Democracy Index | Population |
| Pearson Correlation | Cycling | 1.000 | .121 | -.181 | .224 | -.201 | .343 | .294 | -.030 |
| Coastline (Km) (2018) | .121 | 1.000 | -.425 | .116 | .013 | .190 | .193 | .053 |
| Temperature (1901-2016 [C]) | -.181 | -.425 | 1.000 | -.142 | .162 | -.549 | -.153 | -.080 |
| GDP (US Billion Dollar) | .224 | .116 | -.142 | 1.000 | .167 | .021 | -.077 | .698 |
| Elevation (Feet) | -.201 | .013 | .162 | .167 | 1.000 | -.315 | -.328 | .469 |
| Status of Women | .343 | .190 | -.549 | .021 | -.315 | 1.000 | .701 | -.215 |
| Democracy Index | .294 | .193 | -.153 | -.077 | -.328 | .701 | 1.000 | -.344 |
| Population | -.030 | .053 | -.080 | .698 | .469 | -.215 | -.344 | 1.000 |
| Sig. (1-tailed) | Cycling | . | .197 | .100 | .055 | .077 | .006 | .017 | .418 |
| Coastline (Km) (2018) | .197 | . | .001 | .206 | .463 | .088 | .085 | .354 |
| Temperature (1901-2016 [C]) | .100 | .001 | . | .158 | .125 | .000 | .139 | .287 |
| GDP (US Billion Dollar) | .055 | .206 | .158 | . | .118 | .443 | .295 | .000 |
| Elevation (Feet) | .077 | .463 | .125 | .118 | . | .011 | .009 | .000 |
| Status of Women | .006 | .088 | .000 | .443 | .011 | . | .000 | .063 |
| Democracy Index | .017 | .085 | .139 | .295 | .009 | .000 | . | .006 |
| Population | .418 | .354 | .287 | .000 | .000 | .063 | .006 | . |
| N | Cycling | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| Coastline (Km) (2018) | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| Temperature (1901-2016 [C]) | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| GDP (US Billion Dollar) | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| Elevation (Feet) | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| Status of Women | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| Democracy Index | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| Population | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model Summaryb** | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
| 1 | .448a | .201 | .074 | 105.429140653895420 | 2.472 |
| a. Predictors: (Constant), Population, Coastline (Km) (2018), Status of Women, Elevation (Feet), Temperature (1901-2016 [C]), GDP (US Billion Dollar), Democracy Index | | | | | |
| b. Dependent Variable: Cycling | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
| B | Std. Error | Beta | Tolerance | VIF |
| 1 | (Constant) | -218.632 | 292.725 |  | -.747 | .459 |  |  |
| Coastline (Km) (2018) | .000 | .001 | .044 | .281 | .780 | .735 | 1.361 |
| Temperature (1901-2016 [C]) | .399 | 3.022 | .027 | .132 | .895 | .447 | 2.235 |
| GDP (US Billion Dollar) | .011 | .006 | .345 | 1.726 | .091 | .455 | 2.200 |
| Elevation (Feet) | -.008 | .014 | -.097 | -.591 | .558 | .678 | 1.475 |
| Status of Women | 360.337 | 397.990 | .228 | .905 | .370 | .287 | 3.484 |
| Democracy Index | 3.978 | 12.043 | .073 | .330 | .743 | .374 | 2.677 |
| Population | -8.141E-8 | .000 | -.151 | -.656 | .516 | .342 | 2.923 |
| a. Dependent Variable: Cycling | | | | | | | | |

