Regression Analysis Comparison Table

Regression Analysis	
SPSS 26	**Python**
Simple linear	
Users Percentage vs Total Population	
Y-intercept: -109 Model Coefficient: 3.67×10^{-6} Score: 0.854	Y-intercept: -108.687 Model Coefficient: 3.674×10^{-6} Score: 0.854
Users Percentage vs Fixed Telephone Subscriptions	
Y-intercept: -24.77 Model Coefficient: 1.62×10^{-5} Score: 0.825	Y-intercept: -24.768 Model Coefficient: 1.623×10^{-5} Score: 0.825
Users Percentage vs Mobile Phone Subscriptions	
Y-intercept: -2.34 Model Coefficient: 9.36×10^{-7} Score: 0.747	Y-intercept: -2.342 Model Coefficient: 9.357×10^{-7} Score: 0.747
Users Percentage vs GDP per Capita (current US_$)	
Y-intercept: -10.19 Model Coefficient: 0.00841 Score: 0.301	Y-intercept: -10.192 Model Coefficient: 0.00841 Score: 0.301

SPSS 26	Python
Multiple linear	
Y-intercept: -2.363 Total_population: 4.024×10^{-7} Fixed_telephone_subscriptions: 6.301×10^{-6} Mobile_phone_subscriptions: 1.141×10^{-6} GDP_per_capita_current_US_Dollar: -0.011	Y-intercept: 14.383 Total_population: -2.316×10^{-7} Fixed_telephone_subscriptions: 7.847×10^{-6} Mobile_phone_subscriptions: 1.242×10^{-6} GDP_per_capita_current_US_Dollar: -0.011
Predicted Percentage of Internet users out of the total population in Algeria	
SPSS 26	
$Y = -2.363 + 4.024 \times 10^{-7} (x_1) + 6.301 \times 10^{-6} (x_2) + 1.141 \times 10^{-6} (x_3) - 0.011 (x_4)$	
Python	
$Y = 14.383 - 2.316 \times 10^{-7} (x_1) + 7.847 \times 10^{-6} (x_2) + 1.242 \times 10^{-6} (x_3) - 0.011 (x_4)$	