**Graphs – Hospital Bed Increases**

A picture containing graphical user interface

Description automatically generated

**Controlling for GDP/Capita**

**Linear regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| WB\_hb\_p1000 | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| max\_cases | -.00008 | | .00007 | -1.19 | | .23528 | -.00021 | | .00005 | |  |
| gdp\_cap | .00003 | | .00001 | 2.65 | | .00951 | .00001 | | .00005 | | \*\*\* |
| Constant | 2.30096 | | .32336 | 7.12 | | 0 | 1.65845 | | 2.94346 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 3.05554 | | | SD dependent var | | | 2.15206 | |
| R-squared | | 0.08511 | | | Number of obs | | | 92.00000 | |
| F-test | | 3.93277 | | | Prob > F | | | 0.02308 | |
| Akaike crit. (AIC) | | 398.91767 | | | Bayesian crit. (BIC) | | | 406.48303 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
|  | | | | | | | | | | | |

**Linear regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| WHO\_2018\_HE\_GDP | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| max\_cases | .00023 | | .00014 | 1.62 | | .10865 | -.00005 | | .00051 | |  |
| gdp\_cap | .00002 | | .00002 | 1.39 | | .16934 | -.00001 | | .00005 | |  |
| Constant | 6.16011 | | .40872 | 15.07 | | 0 | 5.348 | | 6.97223 | | \*\*\* |
|  | | | | | | | | | | | |
| Mean dependent var | | 6.95087 | | | SD dependent var | | | 2.30938 | |
| R-squared | | 0.08220 | | | Number of obs | | | 92.00000 | |
| F-test | | 3.04889 | | | Prob > F | | | 0.05239 | |
| Akaike crit. (AIC) | | 412.19259 | | | Bayesian crit. (BIC) | | | 419.75796 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
|  | | | | | | | | | | | |

**Regressing Rate of Hospital Bed Change on Max Cases**

**Linear regression**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| rate1012 | Coef. | | St.Err. | t-value | | p-value | [95% Conf | | Interval] | | Sig |
| max\_cases | -.00002 | | .00002 | -0.87 | | .38743 | -.00007 | | .00003 | |  |
| gdp\_cap | -.00001 | | .00001 | -1.11 | | .26998 | -.00002 | | 0 | |  |
| Constant | .32882 | | .31265 | 1.05 | | .2964 | -.29429 | | .95192 | |  |
|  | | | | | | | | | | | |
| Mean dependent var | | 0.12540 | | | SD dependent var | | | 1.11356 | |
| R-squared | | 0.01542 | | | Number of obs | | | 76.00000 | |
| F-test | | 0.82180 | | | Prob > F | | | 0.44366 | |
| Akaike crit. (AIC) | | 235.83957 | | | Bayesian crit. (BIC) | | | 242.83177 | |
| *\*\*\* p<.01, \*\* p<.05, \* p<.1* | | | | | | | | | | | |
|  | | | | | | | | | | | |