```
Python 3.7.4 (default, Aug  9 2019, 18:34:13) [MSC v.1915 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

IPython 7.8.0 -- An enhanced Interactive Python.

In [1]: runfile('C:/Users/claire.loupias/Desktop/exercice-2.2.py', wdir='C:/Users/
claire.loupias/Desktop')
                            OLS Regression Results
==============================================================================
Dep. Variable:                  sleep   R-squared:                       0.103
Model:                            OLS   Adj. R-squared:                  0.102
Method:                 Least Squares   F-statistic:                     81.09
Date:                Wed, 26 Feb 2020   Prob (F-statistic):           1.99e-18
Time:                        11:23:52   Log-Likelihood:                -5267.1
No. Observations:                 706   AIC:                         1.054e+04
Df Residuals:                     704   BIC:                         1.055e+04
Df Model:                           1
Covariance Type:            nonrobust
==============================================================================
                 coef    std err          t      P>|t|      [0.025      0.975]
------------------------------------------------------------------------------
Intercept   3586.3770     38.912     92.165      0.000    3509.979    3662.775
totwrk        -0.1507      0.017     -9.005      0.000      -0.184      -0.118
==============================================================================
Omnibus:                       68.651   Durbin-Watson:                   1.955
Prob(Omnibus):                  0.000   Jarque-Bera (JB):              192.044
Skew:                          -0.483   Prob(JB):                     1.99e-42
Kurtosis:                       5.365   Cond. No.                     5.71e+03
==============================================================================

Warnings:
[1] Standard Errors assume that the covariance matrix of the errors is correctly
specified.
[2] The condition number is large, 5.71e+03. This might indicate that there are
strong multicollinearity or other numerical problems.
En travaillant deux heures de plus, on perd en moyenne 18.09 minutes de sommeil.

In [2]:
```