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In [94]: 0 'H:/GitHub/Bachelor/LinearRegression.py'
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In [95]: 'Perform the multiple linear regression' 'H:/GitHub/Bachelor/LinearRegression.py'
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#### OLS Regression Results

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Dep. Variable:          WASO      R-squared:          0.099
Model:                  OLS      Adj. R-squared:       0.063
Method:                 Least Squares      F-statistic:       2.768
Date:                  Thu, 19 Oct 2023      Prob (F-statistic):    0.00634
Time:                  13:06:11      Log-Likelihood:      -287.92
No. Observations:      211      AIC:              593.8
Df Residuals:          202      BIC:              624.0
Df Model:               8
Covariance Type:       nonrobust
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	coef	std err	t	P> t	[0.025	0.975]
const	8.5e-17	0.067	1.28e-15	1.000	-0.131	0.131
TIR (%)	0.1341	0.086	1.554	0.122	-0.036	0.304
TAR (%)	-0.1265	0.109	-1.162	0.246	-0.341	0.088
TBR (%)	-0.0157	0.122	-0.128	0.898	-0.257	0.226
mean	0.1831	0.650	0.282	0.779	-1.099	1.466
std	0.0600	0.310	0.194	0.847	-0.551	0.671
median	-0.0690	0.467	-0.148	0.883	-0.990	0.852
min	-0.1376	0.149	-0.921	0.358	-0.432	0.157
max	-0.0149	0.128	-0.117	0.907	-0.267	0.237
cv	0.0643	0.317	0.203	0.839	-0.560	0.688
delta IG	0.0834	0.111	0.750	0.454	-0.136	0.303

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Omnibus:                22.419      Durbin-Watson:          1.480
Prob(Omnibus):           0.000      Jarque-Bera (JB):       26.521
Skew:                    0.779      Prob(JB):               1.74e-06
Kurtosis:                3.769      Cond. No.               1.13e+16
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#### Notes:

- [1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
- [2] The smallest eigenvalue is 8.42e-30. This might indicate that there are strong multicollinearity problems or that the design matrix is singular.

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In [96]:
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