## Hetero

Heteroskedasticity Test: Breusch-Pagan-Godfrey

| | | | |
|---|---|---|---|
| F-statistic | 0.349481 | Prob. F(3,4) | 0.7929 |
| Obs*R-squared | 1.661414 | Prob. Chi-Square(3) | 0.4554 |
| Scaled explained SS | 0.235860 | Prob. Chi-Square(3) | 0.9716 |

Test Equation:
Dependent Variable: RESID^2
Method: Least Squares
Date: 03/30/24 Time: 19:30
Sample: 2015 2022
Included observations: 8

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 4040417. | 3205511. | 1.260459 | 0.2760 |
| X1 | -7.378988 | 88.83697 | -0.083062 | 0.9378 |
| X2 | -0.735217 | 209.3198 | -0.003512 | 0.9974 |
| X3 | -181.4311 | 252.1424 | -0.719558 | 0.5116 |

| | | | |
|---|---|---|---|
| R-squared | 0.207677 | Mean dependent var | 1687030. |
| Adjusted R-squared | -0.386566 | S.D. dependent var | 1921993. |
| S.E. of regression | 2263196. | Akaike info criterion | 32.40931 |
| Sum squared resid | 2.05E+13 | Schwarz criterion | 32.44903 |
| Log likelihood | -125.6372 | Hannan-Quinn criter. | 32.14141 |
| F-statistic | 0.349481 | Durbin-Watson stat | 1.352021 |
| Prob(F-statistic) | 0.792878 | | |

## Multikolinieritas

Variance Inflation Factors
Date: 03/30/24 Time: 19:27
Sample: 2015 2022
Included observations: 8

| Variable | Coefficient Variance | Uncentered VIF | Centered VIF |
|---|---|---|---|
| C | 6768666. | 16.04872 | NA |
| X1 | 0.005199 | 14.73490 | 1.330928 |
| X2 | 0.028862 | 15.36470 | 1.491758 |
| X3 | 0.041879 | 15.11628 | 1.818400 |

## Uji Autokolinearitas

Breusch-Godfrey Serial Correlation LM Test:

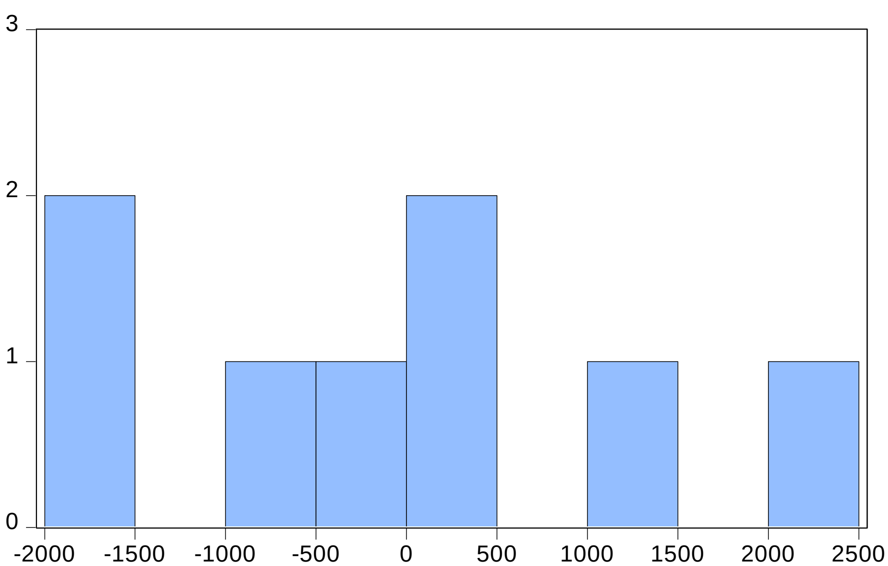
| | | | |
|---|---|---|---|
| F-statistic | 0.272292 | Prob. F(2,2) | 0.7860 |
| Obs*R-squared | 1.712135 | Prob. Chi-Square(2) | 0.4248 |

Test Equation:
Dependent Variable: RESID
Method: Least Squares
Date: 03/30/24 Time: 19:32
Sample: 2015 2022
Included observations: 8
Presample missing value lagged residuals set to zero.

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 1915.389 | 4299.920 | 0.445448 | 0.6996 |
| X1 | -0.020177 | 0.095137 | -0.212082 | 0.8517 |
| X2 | -0.105435 | 0.280194 | -0.376293 | 0.7429 |
| X3 | 0.039430 | 0.272403 | 0.144749 | 0.8982 |
| RESID(-1) | 0.082172 | 0.741421 | 0.110830 | 0.9219 |
| RESID(-2) | -0.698115 | 0.946030 | -0.737942 | 0.5374 |

| | | | |
|---|---|---|---|
| R-squared | 0.214017 | Mean dependent var | 1.65E-12 |
| Adjusted R-squared | -1.750941 | S.D. dependent var | 1388.537 |
| S.E. of regression | 2303.021 | Akaike info criterion | 18.43554 |
| Sum squared resid | 10607815 | Schwarz criterion | 18.49512 |
| Log likelihood | -67.74215 | Hannan-Quinn criter. | 18.03369 |
| F-statistic | 0.108917 | Durbin-Watson stat | 2.212786 |
| Prob(F-statistic) | 0.978811 | | |

**Normalitas**




Series: Residuals
Sample 2015 2022
Observations 8

| | |
|---|---|
| Mean | 1.65e-12 |
| Median | -14.43360 |
| Maximum | 2348.671 |
| Minimum | -1659.347 |
| Std. Dev. | 1388.537 |
| Skewness | 0.408676 |
| Kurtosis | 2.135707 |
| Jarque-Bera | 0.471689 |
| Probability | 0.789903 |

**Regresi**

Dependent Variable: Y
Method: Least Squares
Date: 03/30/24 Time: 19:03
Sample: 2015 2022
Included observations: 8

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | 4618.154 | 2601.666 | 1.775076 | 0.1505 |
| X1 | 0.101022 | 0.072102 | 1.401090 | 0.0337 |
| X2 | 0.107107 | 0.169889 | 0.630455 | 0.0463 |
| X3 | -0.237359 | 0.204645 | -1.159860 | 0.0310 |

| | | | |
|---|---|---|---|
| R-squared | 0.038127 | Mean dependent var | 6727.650 |
| Adjusted R-squared | 0.081945 | S.D. dependent var | 1765.914 |
| S.E. of regression | 1836.861 | Akaike info criterion | 18.17636 |
| Sum squared resid | 13496238 | Schwarz criterion | 18.21608 |
| Log likelihood | -68.70543 | Hannan-Quinn criter. | 17.90846 |
| F-statistic | 0.042326 | Durbin-Watson stat | 1.955925 |
| Prob(F-statistic) | 0.045465 | | |