Ramsey RESET Test
Equation: UNTITLED
Omitted Variables: Squares of fitted values
Specification: LOG(HPI) C LOG(GDP) LOG(INFLATION)
LOG(INTEREST_RATES)

| | Value | df | Probability |
|---|---|---|---|
| t-statistic | 4.787923 | 175 | 0.0000 |
| F-statistic | 22.92420 | (1, 175) | 0.0000 |
| Likelihood ratio | 22.15767 | 1 | 0.0000 |

F-test summary:

| | Sum of Sq. | df | Mean Squares |
|---|---|---|---|
| Test SSR | 0.073628 | 1 | 0.073628 |
| Restricted SSR | 0.635697 | 176 | 0.003612 |
| Unrestricted SSR | 0.562069 | 175 | 0.003212 |

LR test summary:

| | Value |
|---|---|
| Restricted LogL | 252.7301 |
| Unrestricted LogL | 263.8090 |

Unrestricted Test Equation:
Dependent Variable: LOG(HPI)
Method: Least Squares
Date: 01/08/21 Time: 17:41
Sample: 1 180
Included observations: 180

| Variable | Coefficient | Std. Error | t-Statistic | Prob. |
|---|---|---|---|---|
| C | -28.37446 | 2.985240 | -9.504917 | 0.0000 |
| LOG(GDP) | 3.594031 | 0.353956 | 10.15389 | 0.0000 |
| LOG(INFLATION) | 0.210632 | 0.030387 | 6.931550 | 0.0000 |
| LOG(INTEREST_RAT | 0.364610 | 0.033218 | 10.97644 | 0.0000 |
| FITTED^2 | -0.112268 | 0.023448 | -4.787923 | 0.0000 |

| | | | |
|---|---|---|---|
| R-squared | 0.989276 | Mean dependent var | 4.053923 |
| Adjusted R-squared | 0.989031 | S.D. dependent var | 0.541123 |
| S.E. of regression | 0.056673 | Akaike info criterion | -2.875655 |
| Sum squared resid | 0.562069 | Schwarz criterion | -2.786962 |
| Log likelihood | 263.8090 | Hannan-Quinn criter. | -2.839694 |
| F-statistic | 4036.006 | Durbin-Watson stat | 0.266068 |
| Prob(F-statistic) | 0.000000 | | |