

# Augmented Dickey-Fuller Unit Root Test on ST\_BELGIUM

|  |             |                       |             |           |
|--|-------------|-----------------------|-------------|-----------|
| Null Hypothesis: ST_BELGIUM has a unit root  |             |                       |             |           |
| Exogenous: Constant                          |             |                       |             |           |
| Lag Length: 1 (Fixed)                        |             |                       |             |           |
|  |             |                       | t-Statistic | Prob.*    |
| Augmented Dickey-Fuller test statistic       |             |                       | -2.221785   | 0.1988    |
| Test critical values:                        | 1% level    |                       | -3.439384   |           |
|  | 5% level    |                       | -2.865417   |           |
|  | 10% level   |                       | -2.568891   |           |
| *Mackinnon (1996) one-sided p-values.        |             |                       |             |           |
| Augmented Dickey-Fuller Test Equation        |             |                       |             |           |
| Dependent Variable: D(ST_BELGIUM)            |             |                       |             |           |
| Method: Least Squares                        |             |                       |             |           |
| Date: 07/22/19 Time: 01:05                   |             |                       |             |           |
| Sample (adjusted): 1960M03 2018M12           |             |                       |             |           |
| Included observations: 706 after adjustments |             |                       |             |           |
| Variable                                     | Coefficient | Std. Error            | t-Statistic | Prob.     |
| ST_BELGIUM(-1)                               | -0.008814   | 0.003967              | -2.221785   | 0.0266    |
| D(ST_BELGIUM(-1))                            | 0.315349    | 0.035750              | 8.821013    | 0.0000    |
| C  | 0.031813    | 0.014494              | 2.194973    | 0.0285    |
| R-squared                                    | 0.103445    | Mean dependent var    |             | -0.000488 |
| Adjusted R-squared                           | 0.100894    | S.D. dependent var    |             | 0.023122  |
| S.E. of regression                           | 0.021925    | Akaike info criterion |             | -4.798165 |
| Sum squared resid                            | 0.337927    | Schwarz criterion     |             | -4.778790 |
| Log likelihood                               | 1696.752    | Hannan-Quinn criter.  |             | -4.790678 |
| F-statistic                                  | 40.55619    | Durbin-Watson stat    |             | 1.963657  |
| Prob(F-statistic)                            | 0.000000    |                       |             |           |