

Structure changes in economics of Russia

There were observed data sets of currency rates between RUB and USD in the period of World Finance Crisis and the current crisis in Russia. To determine the fact of presence of structure changes in economics we will build the models of the processes presented by time series of exchange rate volatility.

According to the Bank of Russia - the rate changes daily.

In the period of WFC model parameters are:

$$\alpha = 0.1282676 \pm 1.96 \cdot 0.0201896$$

$$\beta = 0.8650602 \pm 1.96 \cdot 0.0180100$$

In the period of current crisis model parameters are:

$$\alpha = 0.293523 \pm 1.96 \cdot 0.086310$$

$$\beta = 0.625477 \pm 1.96 \cdot 0.102631$$