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Control of Inflation on the Road of the Accession to European Monetary Union. The Case of Albania

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Abstract

The aim of this paper is to analyze the monetary policy and inflation targeting applied by the Bank of Albania on the road to Euro adaption. There will be a comparison with the monetary policy used by the European Central Bank for the countries aiming to join the European Union and it will be shown if the Bank of Albania's monetary policy rules adapt those of the ECBs. The data of inflation and exchange rates in the Albanian economy in 2005-2013 has been used. Since the variables are non-stationary and present unit roots, Johansen's co-integration technique has been applied. This methodology has allowed for obtaining of a co-integrating relationship among variables in the long-run. The co-integration results provide evidence of a no co-integration. This indicates that inflation and exchange rate does not move together in Albania in the long-run. According to the test results, it can be said that in the long-run foreign currency does not main cause of inflation in Albania.

Keywords: Inflation, Exchange Rate, Johansen Co-integration Test, Albania

Introduction

Albania since June 2014 is an official candidate for the accession to the European Union (EU). The process to the European integration is very important and Albania's work toward it has been increasing from year to year, and since June 2014 Albania has achieved the "candidate country's status".

The aim of the study is to investigate the control of inflation and inflation targeting, the monetary policy of Albania and European Central Bank (ECB) and the adaption of the Bank of Albania's (BoA) monetary policy to ECB. Some conditions are to be fulfilled to become a member of the EU and for Albania the most important one is to control inflation on the

road to the membership of the EU, so it must maintain price stability and inflation must decrease at the required levels of EU. The history of the Albanian inflation has been through different values, it reached the highest one in 1997 because of the collapse of the famous pyramid schemes but those values have been decreasing since then. The most important financial institution, BoA always aims to maintain price stability as its primary objective and by achieving this; consequently the inflation rate must be kept at the required levels. Keeping the inflation target at this level will lead to positive effects in the road to the EU accession. Albania has to achieve the necessary degree of compliance with the membership, so it needs to fulfill these key priorities. The main objective of the ECB is to maintain price stability and it also should support the general economic policies in the EU to contribute to the achievement of the objectives. In this study the co-integration model is applied by using yearly inflation and exchange rate data for the case of Albania, in order to measure the relationship between these two variables. In the following parts it is going to be discussed the monetary policy

In the following parts it is going to be discussed the monetary policy of the BoA and the indicators that lead to a successful decision making on the road to the EMU. The trends of the inflation rates achieved by BoA are going to be observed, inflation targeting launched by BoA from different years and objectives of BoA to reach stable inflation rates. Following by the monetary policy of the ECB contribution in the achievement of the Union's objectives, the criteria that a country must conduct to adopt the EU's single currency, the inflation targeting conducted by ECB, the adaption of the BoA's monetary policy to the ECB and the achievements that BoA has reached toward EMU.

The analyses used in this paper concerns in the examination of the long run relationship between inflation and exchange rates by using Johansen co integration test.

Literature Review

Literature Review To further develop the analysis of this study, an important task is to analyze some same models which were carried out by some studies. A research study developed by Boka (2014) on the integration process of Albania to the EU attempted to present the current level of the Copenhagen criteria compliance prior to EU accession and the Maastricht convergence criteria for EMU entailed the price stability, exchange rate stability fiscal criteria and long-term interest rate criteria, which concluded that toward the integration to Europe, there should be made sustained efforts to permanently meet those criteria and assure the competitiveness of the Albanian economy in European markets in European markets.

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mid 2000. It concluded by arguing that, a move to formal inflation targeting could help promote the transparency and credibility of the monetary policy, but such a move should be introduced only when the country is ready for it. The IMF working paper on the inflation in Albania developed by Rother (2000) used a model of inflation to provide insight into the nature and extent of relative price adjustments during the transition period, and argued that some of their inflationary effects should not be resisted. It presented an econometric analysis of the impact on aggregate inflation of macroeconomic variables on one side and the skewness of the price distribution on the other. And the results showed that the continued need for relative price adjustments had put upward pressure on inflation. The inflationary impact is of an economically meaningful magnitude and, judging by the recent upward trend in the skewness of the distribution of individual price changes, likely to persist in the future. For the case of Albania, some higher inflation rate than that usually targeted in developed economies is likely optimal. In the latter, inflation targets around 2% can be justified by the effect of quality miss measurement and the desire to leave some scope for low or negative real interest rates. interest rates.

Monetary Policy of the BoA The main objective of the BoA's monetary policy according to the Law "On the Bank of Albania" is to achieve and maintain price stability, which is the greatest task that the central bank can perform to sustain the long- term economic growth of the country. The BoA details quantitative and qualitative indicators that will lead to a successful decision making in the monetary policy, it introduces the framework of instruments employed to implement the monetary policy and also presents the main instruments used in communicating the monetary policy to the public. By maintaining price stability, directly the macroeconomic balances of the country will be sustained. Specifically, achieving and maintaining price stability, means keeping low but positive inflation rates and maintaining them for long periods of time. The estimations from BoA show that the monetary policy will continue to provide a positive contribution to the Albanian economy as it targets an inflation rate approximately at 3.0% (BoA, 2015) and this estimate shows that it affects positively the level and stability of the economic growth rates. Having a low inflation rate helps maintain positive real interest rates and facilitates the convergence process with the developed economies and also gives road the achievement of the aim of joining the EU. aim of joining the EU.

Inflation and inflation targeting policy of the BoA Inflation Targeting (IT) is the policy framework which is used to manage inflation is being adapted from a major number of countries since the 1990's. Albania has been one of those countries which has had major inflation fluctuations, where inflation was reduced from 85% in 1993 to

inflation fluctuations, where inflation was reduced from 85% in 1993 to 22.6% in 1994 and after this transition years reached the lowest value of 7.8% in 1995 but this rates would not be stable for a long time, as at the end of 1997 the annual inflation rate reached 42% as a result of the pyramid schemes collapse. (Bolle & Meyer, 2013) In 1999-2000 Albania has a negative annual inflation rate that lead to a deflationary period, but in the mid of the 2001 inflation jumped to 5.6% and in 2002 reached a higher value of 7.7%. Such high values where reached as a result of a series of factors like, electricity energy crisis, political problems, slower international economic growth and introduction of the euro at the beginning of 2002. Starting from 2003 inflation progress in Albania had been under the pressure of domestic and international macroeconomic developments in which it observed that the annual inflation rate has reached stabilized values due to the BoA tolerance band. (Boka, rate has reached stabilized values due to the BoA tolerance band. (Boka,

rate has reached stabilized values due to the BoA tolerance band. (Boka, M.&Torluccio,G.,2013) Analyzing the period from 2007 to 2011 it can be observed that the average inflation rate dropped to 3.1% close to the BoA's inflation rate target. (BoA, 2013) The BoA targets a positive inflation rate to take into account the fast technological evolution of products and their qualitative improvement. Also by targeting a low value of inflation rate leads to maintaining positive real interest rates, consequently helping generate savings and financial flows in supporting investments in the economy. The BoA has launched a target inflation rate of 3.0 % because of the need for higher relative price volatility and it also helps the convergence process with the developed economies to achieve the European Union. (BoA, 2014) By comparing Albania to other transitions economies, inflation has been showing generally low rates and not far from inflation seen across EU countries. The benefits of inflation targeting in the long term are shown in

countries. The benefits of inflation targeting in the long term are shown in the way of monetary policy is entertained by adopting Euro which is a long process if considered that it will take considerable period to the conclusion of this process.

Monetary Policy of the ECB

The main objective of the ECB is to maintain price stability and of its own monetary policy according to the Treaty on the Functioning of the European Union, Article 127. It should monitor the economic policies in the Union in order to contribute to the achievement of the Union objectives. The Treaty emphasizes a crucial importance to price stability because as it is the

most important contribution of the monetary policy scoping a favorable economic environment and higher employment and also all EU member states coordinate their economic policies for the benefit of the whole EU. For a country which aims to adopt the European Union's single currency, the Euro, there are some criteria that are set in the Treaty of

Maastricht which include:

 Inflation rate not higher than 1.5% above the average rate of the three EU member states with the lowest inflation over the previous year.
National budget deficit at or lower than 3% of GDP.
National public debt must not be higher than 60% of GDP. (a country with a higher level of debt can still adopt the euro if it shows that its debt level is falling).

Long term interest rates should be no more than 2% above the rate in 4. the three EU countries with the lowest inflation over the past year.The national currency is required to enter the ERM 2 two years prior

to entry.

When the Member State's economy adopts the single currency its exchange rate is fixed and the monetary policy is transferred under the control of the ECB which conducts it independently for the entire euro area. The aim of the economic entry criteria is to ensure economic convergence, also known as the "convergence criteria" the euro candidate country has to make radical changes to national laws and rules, especially regarding its national central bank and other financial institutions to be consistent with the

national central bank and other financial institutions to be consistent with the Treaty. An important obligation is the independence of the national central bank, such as the monetary policy decided by the ECB is also independent. One of the objectives of the ECB's monetary policy is to maintain stable inflation below but close to 2% over the medium term and in order to fulfill this task bases its decisions on a two pillar monetary policy strategy and establishes them by using its operational framework. To increase economic welfare and potential growth of an economy can be achieved by maintaining stable prices on a sustained basis.

manually stable prices on a sustained basis. Some crucial benefits of the price stability are to improve transparency of the price mechanism which allows people to consume and invest more efficiently, reducing inflation which reduces real interest rates and increases probabilities to invest, avoiding unproductive activities to hedge against the negative impact of inflation and the contribute to financial stability. ECB, 2015)

Adaption of the BoA monetary policy to the ECB In order for a country to be part of the EMU, in this case Albania, has to fulfill some political and economic criteria according to the "Copenhagen Criteria" which are the set of rules that define if a country is able to join the

EU and require that a state has the institutions to preserve democratic governance and human rights, has functioning market economy, accepts the obligations and intent of the EU and has the ability to take on the obligations of membership, including adherence to the aims of political, economic and monetary union.

monetary union. One of the most important successes of the Albanian economy development is monetary stability that is measured by inflation rates and also by the volatility of exchange rates and has reached some satisfied levels. If Albania accesses to the EU, it will not become immediately a member of the euro area as it has to conduct exchange rate policy as a matter of common interest (Article 124 of the Treaty) which would exclude competitive devaluations. Entering the exchange rate mechanism systems like a pegging to other currencies, floating or a crawling fluctuation bank versus the euro would be expected. Adapting euro as the Albania's national currency would follow the application of the same criteria as for the already membership countries. A strict criterion of the Eurosystem is the independence of the national central bank which is a very important task. (EU. 2013) (EU, 2013)

(EU, 2013) The candidate status given to Albania at the General Affairs Council meeting in Luxembourg is a big step but still needs to meet some crucial priorities. But the candidate status does not mean that EU will start accession negotiations with Albania as there is required additional progress. Albania will be a member of the EU only if it demonstrates that it will be able to take its part fully and the BoA's role will be limited so it will be a member with no abrogation. Some consequences will be that Albania will have to conduct exchange rate policy as a common interest based on the "Article 124 of the Treaty" which will lead to competitive devaluations meaning fixed exchange rates to the euro with a fluctuation band (EU 2013)

rates to the euro with a fluctuation band. (EU, 2013) Introducing the Euro as the national currency will lead to the application of the same criteria as the member states which issue a maximum inflation rate and interest rates in the year before the examination, a inflation rate and interest rates in the year before the examination, a sustainable budgetary position and two years of membership of the ERM and also the independence of the national central bank is required. All these criteria must be applied strictly in order to introduce euro. But, entering the euro system in Albania has its own advantages and disadvantages, where foreign exchange inflows from emigrants will be in euro as long as they work in the euro area countries, most of foreign exchange inflows will be expressed in euro and consequently the domestic economy will exposed to the risk of the euro exchange rate to other foreign currencies also against the domestic currency ALL. (EU, 2013) Considering the price and exchange rate stability which for Albania are not methodologically in the same lines with those of EU member states,

it can be made exception only for CPI that fulfills the price stability criteria and an important task is that the monetary policy of Albania is strictly committed to attaining and maintaining price stability in the road to the EMU accession and the BoA has made successful progress in achieving this objective and it has been attaining low positive inflation rates considering the structural changes undertaken by the Albanian economy. But, despite this, the price stability criteria should not lead the country to adopt short – term measures to reduce inflation rather than structural reforms with long term benefits. Regarding the exchange rate stability it is suggested that ERM II membership will have less risky results to Albania if the exchange rate band is strengthened by stability oriented domestic economic policies. (BoA, 2014) 2014)

Albania has made progress in the road to the accession of the EU but further implementations are needed to strengthen monetary policy by including budgetary planning and public finance management. The BoA has to make further efforts in fulfilling the Copenhagen and Maastricht criteria in order to integrate to Europe and also has to guarantee the competitiveness of the Albanian economy in the European markets. An Examination of the Long Run Relationship between Inflation and Exchange Rates: Johansen Co-Integration Test

This part is organized as follows: the regression model and data specification performed in the study; descriptive statistics of the variables; Johansen co-integration tests the co-integration of inflation and exchange rate (EURO/ALL) by carrying out a univariate analysis, and lastly Granger causality test.

Model and data specification

Consider the following regression equation model performed in this study:

 $INF = \alpha + \beta_1 EX_RATE + \varepsilon$

Where α represents the intercept, β_1 represents the estimated regression coefficient, ε is the error term. The dependent variable in equation (1) is inflation (INF) and (EX_RATE) represents foreign currency. The data consist of quarterly inflation and exchange rate and obtained

from INSTAT and the BoA database (<u>http://www.insat.gov.al/;</u> <u>http://www.bankofalbania.org</u>, accessed: 18 Nov 2014) for Albania for time interval 2005Q1-2013Q4. All tests are performed by using E Views7 statistical program.

Descriptive statistics

Following graphs give graphical representations of the data. Tables and figure show descriptive statistics of the data and regression output. According to the regression output, $DINF = -0.0393859616091 + 0.0447421363466*DEX_RATE$ is the estimated regression model. Graph 2. Inflation in Albania



ex rate



Table 1. Descriptive statistics of series

	INF	EX_RATE
Mean	2.716501	132.5108
Median	2.602763	134.3946
Maximum	4.360725	149.9364
Minimum	1.054288	122.4279
Std. Dev.	0.809894	8.051973
Skewness	0.168620	0.115165
Kurtosis	2.411850	1.606980
Jarque-Bera	0.689476	2.990332
Probability	0.708406	0.224211
Sum	97.79404	4770.389
Sum Sq. Dev.	22.95747	2269.199
Observations	36	36

Table 2. Estimation equation output of regression (levels) and its representations Dependent Variable: INF Method: Least Squares Sample: 2005Q1 2013Q4 Included observations: 36

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C EX_RATE	2.326650 0.002942	2.288915 0.017243	1.016486 0.170627	0.3166 0.8655
R-squared	0.000856	Mean de	pendent var	2.716501
Adjusted R-squared	-0.028531	S.D. dep	endent var	0.809894
S.E. of regression	0.821366	Akaike ii	nfo criterion	2.498257
Sum squared resid	22.93783	Schwar	z criterion	2.586230
Log likelihood	-42.96862	Hannan-O	Quinn criter.	2.528962
F-statistic	0.029114	Durbin-	Watson stat	0.865444
Prob(F-statistic)	0.865528			

Estimation Command:

LS INF C EX_RATE **Estimation Equation:**

 $INF = C(1) + C(2)*EX_RATE$ Substituted Coefficients:





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Series: Residuals Sample 2005Q1 2013Q4 Observations 36			
Mean	-4.81e-16		
Median	-0.088631		
Maximum	1.613551		
Minimum	-1.680996		
Std. Dev.	0.809547		
Skewness	0.157392		
Kurtosis	2.413813		
Jarque-Bera	0.664057		
Probability	0.717467		

Figure 3. Normality test





Sample (adjusted): 2005Q2 2013Q4 Included observations: 35 after adjustments

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C DEX_RATE	-0.039386 0.044742	0.131337 0.049374	-0.299886 0.906190	0.7661 0.3714
R-squared Adjusted R-squared	0.024280 -0.005287	Mean de S.D. dep	pendent var bendent var	-0.020353 0.764978
S.E. of regression Sum squared resid	0.766998 19.41342 20.24864	Akaike ii Schwar	nfo criterion z criterion	2.362779 2.451656 2.202460
F-statistic Prob(F-statistic)	0.821181 0.371405	Durbin-	Watson stat	2.393400 2.253559

Estimation Command:

LS DINF C DEX_RATE

Estimation Equation:

====

 $DINF = C(1) + C(2)*DEX_RATE$

Substituted Coefficients:

DINF = -0.0393859616091 + 0.0447421363466*DEX_RATE



Johansen co-integration test

Time series data display a variety of behavior. The main reason why it is important to know whether a time series is stationary or non-stationary before one embarks on a regression analysis is that there is a danger of obtaining apparently significant regression results from unrelated data when non-stationary series are used in regression analysis. Such regressions are said to be spurious (Hill et al., 2008). Before analyzing the co-integrating relationship between variables, it is important to carry out a univariate analysis. The economic series tend to possess unit roots. The presence of unit roots in the underlying series points towards the non-stationary of the underlying series. If both the independent and the dependent variables show the presence of unit roots, the regression results do not hold much meaning. This is referred to as spurious regression, whereby the results obtained suggest that there are statistically significant relationships between the variables in the regression model, when in fact all that is obtained is the evidence of contemporaneous correlation rather than a meaningful causal relation. The problem of spurious regression is compounded by the fact that the conventional t- and F-statistics do not have standard distributions generated by stationary series; with non-stationary, there is a tendency to reject the null in both cases and this tendency increases with sample size (Gül & Acıkalın, 2008). The stationary of each series was investigated by employing the unit root tests developed by Dickey and Fuller. The test consists of regressing each series on its lagged value and lagged difference terms. The number of lag length based on the SIC information criterion.

Table 4. ADF unit root (level) and first differences test results of INF Null Hypothesis: INF has a unit root Exogenous: Constant Lag Length: 0 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dic	key-Fuller test statistic	-2.904851	0.0549
Test critical values:	1% level	-3.632900	
	5% level	-2.948404	
	10% level	-2.612874	

Null Hypothesis: INF has a unit root Exogenous: Constant, Linear Trend Lag Length: 0 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dic	key-Fuller test statistic	-2.860678	0.1868
Test critical values:	1% level	-4.243644	
	5% level	-3.544284	
	10% level	-3.204699	

Null Hypothesis: D(INF) has a unit root Exogenous: Constant Lag Length: 0 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dick	key-Fuller test statistic	-6.751106	0.0000
Test critical values:	1% level	-3.639407	
	5% level	-2.951125	
	10% level	-2.614300	

Null Hypothesis: D(INF) has a unit root Exogenous: Constant, Linear Trend Lag Length: 0 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dic	key-Fuller test statistic	-6.765350	0.0000
Test critical values:	1% level	-4.252879	
	5% level	-3.548490	
	10% level	-3.207094	

*MacKinnon (1996) one-sided p-values.

Table 5. ADF unit root (level) and first differences test results of EX_RATE

Null Hypothesis: **EX_RATE has a unit root** Exogenous: **Constant** Lag Length: 0 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dic	key-Fuller test statistic	-0.996875	0.7436
Test critical values:	1% level	-3.632900	
	5% level	-2.948404	
	10% level	-2.612874	

Null Hypothesis: **EX_RATE has a unit root** Exogenous: **Constant, Linear Trend** Lag Length: 0 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dic	key-Fuller test statistic	-1.970425	0.5966
Test critical values:	1% level	-4.243644	
	5% level	-3.544284	
	10% level	-3.204699	

Null Hypothesis: **D(EX_RATE) has a unit root** Exogenous: **Constant**

Lag Length: 0 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dic	key-Fuller test statistic	-7.977125	0.0000
Test critical values:	1% level	-3.639407	
	5% level	-2.951125	
	10% level	-2.614300	

Null Hypothesis: D(EX_RATE) has a unit root Exogenous: Constant, Linear Trend Lag Length: 0 (Automatic - based on SIC, maxlag=9)

		t-Statistic	Prob.*
Augmented Dic Test critical values:	key-Fuller test statistic 1% level 5% level 10% level	-7.857620 -4.252879 -3.548490 -3.207094	0.0000

*MacKinnon (1996) one-sided p-values.

Table 4 and 5 shows the Augmented Dickey–Fuller (ADF) test under the null hypothesis of a unit root (level) and first differences of variables of INF and EX_RATE. This table also presents the number of lag length included in the regression. The hypothesis of unit root against the stationary alternative is not rejected at all levels of INF variable with constant and linear trend. ADF test of INF variable gives unit root at all levels. Therefore, first differences of that variable are taken and it is shown that INF data are stationary now. Hence, it has been concluded that these variable are integrated of order 1. Also, ADF test result of EX_RATE variable gives unit root at all levels with constant and linear trend, and therefore taking first differences that variable is stationary and integrated of order 1.

On the basis of the above-mentioned unit root tests, performed the Johansen's co-integration test to see whether any combinations of the variables are co-integrated. Johansen (1988), Johansen and Juselius (1990) have identified co-integration analysis. This approach uses a maximum likelihood procedure that tests for the number of co-integration relationships and estimates the parameters of those co-integrating relationship.

Table 6. Johansen Co-integration Test Results

Sample (adjusted): 2005Q3 2013Q4 Included observations: 34 after adjustments Trend assumption: Linear deterministic trend Series: INF EX_RATE Lags interval (in first differences): 1 to 1

Omesticited Contegration Kalk Test (Hate)							
Hypothesized No. of CE(s)	Eigenvalue	Trace Statistic	0.05 Critical Value	Prob.*			
None At most 1	0.213472 0.032593	9.290944 1.126629	15.49471 3.841466	0.3392 0.2885			
Unrestricted Cointegration Rank Test (Maximum Eigenvalue)							
Hypothesized No. of CE(s)	Eigenvalue	Max-Eigen Statistic	0.05 Critical Value	Prob.*			
None At most 1	0.213472 0.032593	8.164315 1.126629	14.26460 3.841466	0.3622 0.2885			

Unrestricted Cointegration Rank Test (Trace)

*MacKinnon-Haug-Michelis (1999) p-values

LR test statistics and critical values are shown in Table 6. The results of both trace and max-eigen value tests suggest that there is no long-run cointegrating relationship between variables at the 5% significance level. In other words, a long-run stable relationship between variables does not exist.

Granger causality test

Table 7, presents the results of Granger causality test. The results of the co-integration test have been confirmed by Granger causality test results. Because of P values is greater 0.05, both "EX_RATE does not Granger Cause INF" and "INF does not Granger Cause EX_RATE" are accepted. Therefore, pair wise Granger causality test confirms the result of Johansen co-integration test results of no co-integration between variables in Albania in the long run.

Table 7. Pair wise Granger Causality Tests Sample: 2005Q1 2013Q4 Lags: 2

Null Hypothesis:	Obs	F-Statistic	Prob.
EX_RATE does not Granger Cause INF	34	1.23972	0.3044
INF does not Granger Cause EX_RATE		0.89313	0.4203

Conclusion

This study consisted of analyzing the monetary policy of the BoA which primary aim is to achieve and maintain price stability and maintain low but positive inflation rates for long period of times. It also introduces the framework of the instruments employed to implement the monetary policy. It was observed that the BoA targets an inflation rate of 3% as it affects positively the level and stability of the economic growth rates. Lately, inflation in Albania has been showing low rates and not far from inflation seen across EU countries and its benefits is reflected in the way BoA's monetary policy is entertained in adopting EU's single currency, the Euro.

monetary policy is entertained in adopting EU's single currency, the Euro. This thesis empirically analyses the co-integrating long-run relationship between inflation and exchange rate in Albanian economy. Since the variables are non-stationary and present unit roots, Johansen's cointegration technique has been applied. This methodology has allowed for obtaining of a co-integrating relationship among the variables in the longrun. The co-integration results provide evidence of a no co-integration. This indicates that inflation and exchange rate does not move together in Albania in the long-run. According to the test results, it can be said that in the longrun foreign currency does not main cause of inflation in Albania. The reasons of current inflation are the monetary policy applications of the BoA and its consequences in the long-run. Therefore, exchange rate (EURO/ALL) policy does not effect on the long-run Albanian inflation, and control of inflation on the road of the accession to EMU mainly depends on monetary policies and monetary aggregates of the BoA.

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