DETERMINANTS OF MARKET SUPPLY OF HONEY IN LEMU AND BILBILO DISTRICT, ARSI ZONE OF OROMIA REGIONAL STATE, ETHIOPIA

EPHREM BOKA[1], ADEM KEDIR [2], KEDIR AMARE [2]

ABSTRACT

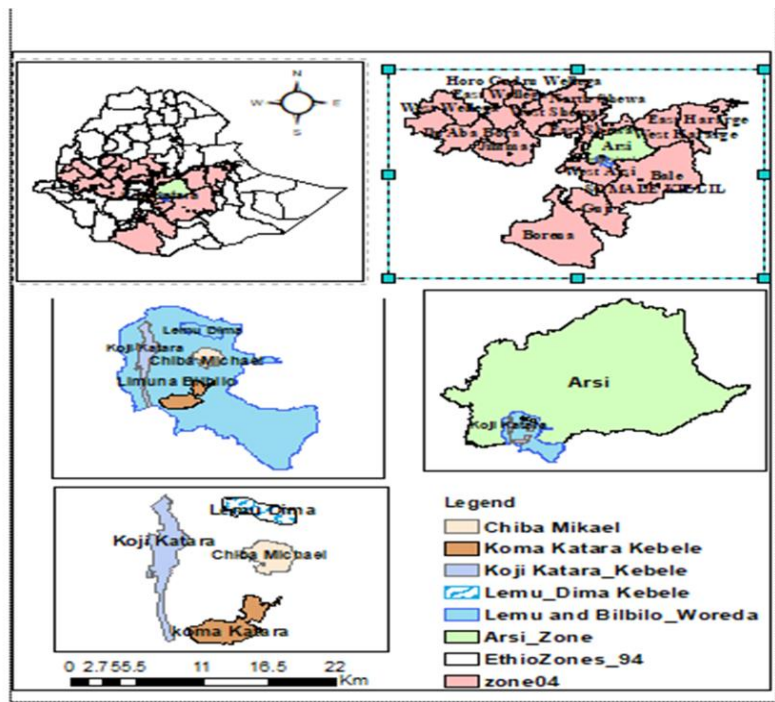## 1. INTRODUCTION

1.1. Background of the study

1.3.   Sample Size and Method of Sampling

1.4.   Data types, sources and methods of data collection

1.5.   Method of data analysis

$$\frac{N}{1+N(e)^2} \quad \cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots\cdots$$

1.5.1.   Econometric model for quantity supplied to market

r

1.5.2.   Model Specification

1.5.3.   Hypothesized   Variables   and   their definition

1.5.3.1.   Dependent variable

Y

f

Quantity   of   honey   supplied   to   the   market (QTHSSMT):

1.5.3.2.   Independent variables

n

Quantity of honey produced (QTYHP)

Access to market information (ACCMINFO):

Average price of honey in 2016/2017 (AVPRICE)

Availability of bee flora (AVBEFLR):

Honey production place HPROPLC):

Experience in beekeeping (EXPRCE):

Extracted honey supplied to market (EXTHSSM)

Family size of the household (FAMSIZE):

Total Land owned (TLNDOWND):

)

Number of extension contact in a year (NUEXCONT):

Total number of bee colonies owned (TNBCO):

Y( )				

Education level of the household EDUCLEV):

Distance to the nearest Market (DISMKT):

1.6.   Model Adequacy Checking

2.   RESULTS AND DISCUSSIONS

2.1.   Quantity of honey supplied to the market

2.2.   Types of honey supplied and access to market information

2.3.   Sales of honey to different actors

Quantity of honey produced (QTYHP)

2.4. Determinants of Honey Supply to the Market

2.4.1. Results of the multiple linear regression model

Extracted honey supplied to market (EXTHSSM)

Total land owned of the household (TLNDOWND):

Honey production place (HPROPLC):

		—	

Total numbers of Bee colonies owned (TNBCO):

Average price of honey 2017/2018 (AVPRICE

3. CONCLUSION AND RECOMMENDATIONS

3.1. Conclusions

2.4.2. Model Adequacy Checking results

3.2. Recommendations