

UNIVERSITI TEKNOLOGI MARA

THE CHINA'S MACROECONOMIC IMPACT TOWARDS THE GLOBAL METAL PRICES

MUHAMMAD KEMAL MUZAMMEL BIN MUSTAFA KEMAL

2020971865

Final Year Project submitted in fulfilment of the requirements for degree of Bachelor of Business Administration (Hons) Investment Management

Faculty of Business and Management

FEBRUARY 2022

ABSTRACT

This research paper explores if the relationship of China macroeconomic would significantly impact the commodity prices. The SVAR model has been used in this research paper in other to evaluate the relationship between China macroeconomics and commodity prices. In the literature review of this paper, it was provided with previous literature that tells the previous research paper analysis either there is significant impact or not between the China macroeconomics and commodity prices.

Table of Contents

AUT	i	
ABS	ii	
LIST	v	
LIST	vi	
LIST OF EQUATION		vii
СНА	PTER ONE INTRODUCTION	1
1.1	Introduction	1
1.2	Background of the study	2
1.3	Problem statement	3
1.4	Research questions	3
1.5	Research objectives	4
1.6	Significance of the study	4
1.7	Scope of the study	5
1.8	Limitations of the study	5
CHAPTER TWO LITERATURE REVIEW		7
2.1	Overview	7
2.2	Iron Ore	7
2.3	Aluminum	7
2.4	China Consumer Price Index	8
2.5	China Producer Price Index	8
2.6	China Import Price Index	8
2.7	China Money Supply Growth	9
2.8	Theoretical/ Research Framework	9
СНА	10	
3.1	Introduction	10
3.2	Sampling	10
		iii

3.3	Data Collection	10
3.4	Dependent Variables	11
3.5	Independent Variables	11
3.6	Hypothesis Statement	12
3.7	Research Methodology	12
СНА	PTER FOUR ANALYSIS AND RESULT	13
4.1	Descriptive Analysis	13
4.2	Correlation Analysis	16
4.3	4.3 Regression Analysis	19
4.4	Heteroskedasticity Analysis	25
СНА	PTER FIVE CONCLUSION AND RECOMMENDATION	26
5.1	Introduction	26
5.2	Conclusion and Main Finding	26
5.3	Limitation of Study	27
5.4	Recommendation	28
СНА	PTER SIX REFERENCES	29
Appendices		31

CHAPTER ONE INTRODUCTION

1.1 Introduction

Recently, China is known as the world largest importer group of commodities and highly dependence on imported commodities. China also known as the second largest economy and largest holder of foreign reserves. In addition, China is also has become a big player in commodity markets (Klotz, Lin, and Hsu, 2014). Due to this matter, commodity market is exposed to China's macroeconomic development (Hamilton, 2009). Today, Asia was acknowledged as the largest user globally of every industrial metal (Fernandez, 2018). In Asia, China was noted as the biggest consumer followed by Japan, South Korea, and India (Fernandez, 2018).

Other than that, London Metals Exchange (LME) traded metal in 2011 recorded that China control about 39.96% Aluminum, 50.18% lead, 33.66% zinc, 42.47% tin and 13.88 gold (BGS, 2013). However, in 2012, China recognized as major producer of 22 out of 41 elements and elements group that are economic value (BGS, 2012). According to Pitfield, 2010, stated that the country is just not the biggest producer but also the main consumer for many metals and minerals.

According to Liao, Qian, and Xu in 2018, China has become the main importer and buyer of major commodities. In addition, it is about 40% and 12.58% of oil consumption and copper worldwide in 2015 according to International Copper Study Group (ICGS) and Energy Information Administration (EIA). Due to higher demand, China plays a big role in global commodities (Liao, Qian, and Xu, 2018).