FISCAL DEFICIT, ECONOMIC DEVELOPMENT AND FOREIGN DIRECT INVESTMENT IN NIGERIA

OMEIRE, MERCY CHIDERA 21PAF02296 B.Sc Economics, Micheal Okpara University of Agriculture, Umudike

FISCAL DEFICIT, ECONOMIC DEVELOPMENT AND FOREIGN DIRECT INVESTMENT IN NIGERIA

 \mathbf{BY}

OMEIRE, MERCY CHIDERA 21PAF02296 B.Sc Economics, Micheal Okpara University of Agriculture, Umudike

A DISSERTATION SUBMITTED TO THE SCHOOL OF POSTGRADUATE STUDIES IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF MASTERS OF SCIENCE (M.Sc) IN ECONOMICS FROM THE DEPARTMENT OF ECONOMICS AND DEVELOPMENT STUDIES, COLLEGE OF MANAGEMENT AND SOCIAL SCIENCES, COVENANT UNIVERSITY, OTA, OGUN STATE, NIGERIA

ACCEPTANCE

This is to attest that this dissertation is accepted in partial fulfillment of the requirements for the award of the degree of Master of Science in Economics in the Department of Economics and Development Studies, College of Management and Social Sciences, Covenant University, Ota, Nigeria.

Miss Adefunke F. Oyinloye (Secretary, School of Postgraduate Studies)

Signature and Date

Prof. Akan B. Williams (Dean, School of Postgraduate Studies)

Signature and Date

DECLARATION

I, OMEIRE MERCY CHIDERA (21PAF02296) declare that this research was carried out by me under the supervision of Dr. Okorie Uchechukwu of the Department of Economics and Development Studies, College of Management and Social Sciences, Covenant University, Ota, Nigeria. I attest that the dissertation has not been presented either wholly or partially for the award of any degree elsewhere. All sources of data and scholarly information used in this dissertation are duly acknowledged.

OMEIRE, MERCY CHIDERA

Signature and Date

CERTIFICATION

We certify that this dissertation titled "FISCAL DEFICIT, ECONOMIC DEVELOPMENT AND FOREIGN DIRECT INVESTMENT IN NIGERIA" is an original research work carried out by OMEIRE, MERCY CHIDERA (21PAF02296) in the Department of Economics and Development Studies, College of Management and Social Sciences, Covenant University, Ota, Ogun State, under the supervision of Dr. Okorie Uchechukwu. We have examined and found this work acceptable as part of the requirements for the award of Master of Science in Economics.

Dr. Okorie Uchechukwu (Supervisor)

Signature and Date

Prof. Evans Osabuohien (Head of Department)

Signature and Date

Prof. Risikat O. Dauda (External Examiner)

Signature and Date

Prof. Akan B. Williams (Dean, School of Postgraduate Studies)

Signature and Date

DEDICATION

This dissertation is dedicated the Lord God Almighty. It is also dedicated to my Parents and siblings who supported and prayed for me.

ACKNOWLEDGEMENT

With sincere gratitude, I want to thank my Father God Almighty, for his grace, wisdom and mighty hand that helped me through to the completion of this programme.

I also want to appreciate the Chancellor and Chairman of Board of Regents. Covenant University, Dr David Oyedepo for creating this academic and spiritual platform. I also want to sincerely appreciate the Vice Chairman, Prof. Abiodun H. Adebayo, the Dean of Postgraduate studies, Prof Akan B. Williams, the Head of Department of Economics and Development studies Prof Evans Osabuohien for following through with the vision of Covenant University being among the top ten Universities in the World. May God Almighty immensely reward all your effort.

My appreciation goes to my Supervisor Dr Okorie Uchechukwu, for the mentorship through the dissertation process. Further, to the amazing lecturers in my department: Prof P. Alege, Dr Okudua, Dr. G. Obindah Gershon, and Dr. E Urhie. Special thanks to Dr Oluwarotimi A. Owolabi, Dr Matthew, Dr Oladosun, I say a wholesome thank you.

To my friends, Blessing, David, Olive, your prayers and support are highly esteemed and my colleagues, Mark and Aisha for your support all through the project. I appreciate you all.

Finally, to my dearly beloved Parents Pst H.N Omeire and Mrs Rose Omeire. I am highly grateful for your amiable support through my education, God bless you richly. To my brother Godsman who played a major financial role during this programme, I appreciate you and to my sweet sisters Faith and Praise who supported me, I love you so much.

TABLE OF CONTENTS

CONT	ENTS		PAGES
COVE	R PAGI	E	i
TITLE	E PAGE		ii
ACCE	PTANC	E	iii
DECL	ARATI(ON	iv
CERT	IFICAT	ION	v
DEDIC	CATION	1	vi
ACKN	OWLE	DGEMENT	vii
TABL	E OF CO	ONTENTS	viii
LIST (OF TAB	LES	X
LIST (OF FIGU	URES	xii
LIST (OF ABB	REVIATIONS	xiii
ABST	RACT		xiv
CHAP 1.1		NE: INTRODUCTION round of the Study	1 1
1.1	U	nent of the Research Problem	6
1.3		ch Questions	9
1.4		tive of the Study	9
1.5	·	rch Hypotheses	9
1.6		Ficance of the Study	10
1.7	· ·	of the Study	10
1.8	•	tional Definition of Terms	11
		VO: LITERATURE REVIEW	13
2.1	Pream		13
2.2	•	ptual Review	13
2.3		cal Review	20
	2.3.1	Internalization Theory	20
	2.3.2	Capital Market Theory	21
	2.3.3	Product life Cycle Theory	22
	2.3.4	Eclectic Paradigm	23
	2.3.5	Institutional Fitness Theory	25
	2.3.6	Investment Development Path	26

2.4	Empirical Studies		
2.5	Summary of Gaps Identified in the Literature		37
2.6	Stylized Facts		48
	2.6.1	Fiscal Deficit, Fiscal Revenue and Fiscal Expenditure of Nigeria	48
	2.6.2	Fiscal Deficit and FDI Inflow of Nigeria	50
	2.6.3	Fiscal Deficit and GDP Per Capita of Nigeria	53
	2.6.4	FDI inflow and GDP Per Capita of Nigeria	54
	2.6.6	Net FDI Inflow and Human Development Index	57
CHAP 3.1	TER TH	IREE: METHODOLOGY	60
3.2		ch Design	60
3.3		etical framework	60
3.4	Model Specification		63
3.6	Definition and Measurement of variables		68
3.7	Source	of Data	70
CHAP 4.1	TER FO Preaml	OUR: RESULTS AND DISCUSSION	71 71
4.2	Data Presentation and Analysis		71
4.3	Test of Hypotheses		75
4.4		sion of Results	88
СНАР	TER FI	VE: CONCLUSION AND RECOMMENDATION	92
5.3	Conclu	ision	93
5.4	Recom	mendation	94
5.5	Contril	butions to Knowledge	94
5.6	Limita	tions to the study	95
5.7	Sugges	stions for further studies	95
REFE!	RENCES	S	96 105

LIST OF FIGURES

FIGURES	TITLE OF FIGURES	PAGES
Figure 2.1: Instit	utional fitness pyramid	25
Figure 2.2: Inves	stment Development path	28
Figure 2.3: Trend 1990 to 2021	d of Fiscal Deficit, Fiscal Revenue and fiscal expenditure of Nig	eria from 49
Figure 2.4: Trend to 2021	d of Net FDI inflow (% of GDP) and fiscal deficit of Nigeria from	m 1990 50
Figure 2.5: Trend 1990 to 2021	d of Net FDI inflow (in billion Naira) and fiscal deficit of Nigeri	a from 52
Figure 2.7: Trend	d of Net FDI inflow and GDP per Capita of Nigeria from 1990-2	2021 54
Figure 2.8: Trend Nigeria from 199	d of Net FDI inflow as a percentage of GDP and GDP per Capita 90-2021	a of 55
2.6.5	Fiscal Deficit and Human Development Index	56
Figure 2.9: Trend 2021	d of Fiscal Deficit and Human Development Index in Nigeria fro	om 1990- 56
Figure 2.10: Tren 1990-2021	nd of Net FDI Inflow and Human Development Index in Nigeria	from 57
C	nd of Net FDI Inflow as percentage of GDP and Human Develop a from 1990-2021	oment 58
Figure 3.1: Fisca	l Deficit –FDI Inflow Link Schema	62
Figure 4.2a: Plot	of Cumulative Sum (CUSUM) for Effect of Fiscal Deficit on Fl	DI 81
Figure 4.2b: Plot on FDI	of Cumulative Sum of Squares (CUSUMSQ) for Effect of Fisca	al Deficit 82
Table 4.8: Summ	nary of ARDL Results for Effect of Fiscal Deficit-HDI Interaction	on on FDI
to Nigeria		84

Table 4.9 Breusch-Godfrey Serial Correlation LM Test Result for ARDL Residual for			
Effect of Fiscal Deficit-HDI Interaction on FDI to Nigeria	85		
Figure 4.3: ARDL Residual Normality Test Diagram for the effect of Fiscal Deficit-HDI			
interaction on FDI to Nigeria	87		
Figure 4.4a: Plot of Cumulative Sum (CUSUM) for Hypothesis Two	88		
Figure 4.4b: Plot of cumulative Sum of Square (CUSUMSQ) for Hypothesis Two	88		

LIST OF TABLES

TABLES TITLE OF TABLES	PAGES
Table 2.1: Summary of Selected Empirical Literature	39
Table 4.1. Descriptive Statistics of Variables	71
Table 4.2 Summary of the Correlation Result	73
Table 4.3: Summary of Augmented Dickey-Fuller Unit Root Test Results	73
Table 4.4a: Summary of ARDL Bounds Test Results for Effect of Fiscal D to Nigeria	Deficit on FDI 74
Table 4.4b: Summary of ARDL Bounds Test Results for Effect of Fiscal I Interaction on FDI to Nigeria	Deficit-HDI 75
Table 4.5: Summary of ARDL Results for Effect of Fiscal Deficit on FDI to	o Nigeria 77
Table 4.6: Breusch-Godfrey Serial Correlation LM Test for ARDL Residua Fiscal Deficit on FDI to Nigeria	l for Effect of 79
Table 4.7: Heteroskedasticity Test: Breusch- Pagan Godfrey for ARDL Res Effect of Fiscal Deficit on FDI to Nigeria	sidual for 80
Table 4.10 Breusch- Pagan Godfrey Heteroskedasticity Test Result for the Fiscal Deficit-HDI interaction on FDI to Nigeria	effect of 86

LIST OF ABBREVIATIONS

FDI: Foreign Direct Investment

GDP: Gross Domestic Product

IMF: International Monetary Funds

MNC: Multinational Corporation

OECD: Organization of Economic Co-operation and Development

OLI: Ownership, Location and Internalization

UNCTAD: United Nations Conference on Trade and Development

WDI: World Development Indicator

WHO: World Trade Organization

ABSTRACT

This study aimed at analyzing the effect of fiscal deficit on FDI as well as the interaction of fiscal deficit and economic development on FDI. The variables explored in this study are FDI as dependent variable, Fiscal deficit and HDI being a proxy for economic development. The analysis relied on annual time series data from the Central Bank of Nigeria (CBN) and World Development Indicators (WDI) for the period 1990 to 2021. Employing the Autoregressive Distributed Lag (ARDL) framework. The findings of the study were that Fiscal deficit had a positive and statistically insignificant effect on FDI inflow to Nigeria but not in the long run. Further, HDI one period lagged and three period lagged were significant for FDI in the short run while HDI had a negative and statistically significant effect on FDI inflow in the Long run. Fiscal expenditure was negative and significant in both the short run and long run in bringing about a decline in FDI inflow to Nigeria. This present study concludes that fiscal deficit affects FDI negatively in Nigeria while HDI also adversely affects FDI inflow to Nigeria. However, Fiscal deficit interaction with economic development has no significant effect on FDI inflow to Nigeria. As a result, government must ensure better management of spending as well as judicious spending of revenues on economic development initiatives in order to ensure a well-managed fiscal deficit that can engender increased rates of FDI inflow to Nigeria and will disincentives FDI outflows from Nigeria.

Keywords: Foreign Direct Investment inflow, fiscal deficit, economic development Nigeria