## DETERMINENTS OF FINANCIAL PERFORMANCE OF BANKS: EVIDENCE FROM MICROFINANCE SECTOR OF PAKISTAN



## Muhammad Sharjeel Ayaz 01-229192-008

A thesis submitted in fulfillment of the Requirements for the award of the degree of Master of Philosophy (Management Sciences)

Department of Management Sciences

BAHRIA UNIVERSITY ISLAMABAD

SEPTEMBER 2021

## SUBMISSION FORM OF THESIS FOR HIGHER RESEARCH DEGREE BAHRIA UNIVERSITTY, ISLAMABAD

Candidate Name: <u>MUHAMMAD SHA</u>	<u>RJEEL AYAZ</u>	
I submit <u>2</u> Copies of thesis for examina	tion for the degree of <u>MPhil (MS)</u> thesis	
Titled: <b>DETERMINENTS OF FIN</b>	NANCIAL PERFORMANCE OF BANKS:	
EVIDENCE FROM MICROFINANCE SECTOR OF PAKISTAN		
Candidate Signature:	Date:	
Cartificate of Dringing Supervisor		
<u>Certificate of Principal Supervisor</u>	rincipal Supervisor for the above student, certify	
	mination and that the candidate has pursued his	
course in accordance with the Rules of	*	
Signature	Date	
	Date:	
Recommendation for Examination		
I recommend that the thesis be examine	d.	
Principal Supervisor:	Date:	
Not Recommended for Examination		
I recommend that the thesis be examine	d.	
Principal Supervisor:	Date:	
Co-Supervisor:	Date:	
Statement by the Head Faculty/Depart	ment	
	f the above named student for examination under	
the University Rules for higher degrees.		
Signature:	Date:	

#### **BAHRIA UNIVERSITY, ISLAMABAD**

#### **APPROVAL SHEET**

#### SUBMISSION OF HIGHER RESEARCH DEGREE THESIS

# Candidate's Name: MUHAMMAD SHARJEEL AYAZ Discipline: M.PHIL (MS)

Faculty/Department: MANAGEMENT STUDIES

I hereby certify that the above candidate's work, including the thesis, has been completed to my satisfaction and that the thesis is in a format and of an editorial standard recognized by the faculty/department as appropriate for examination.

Signature(s):

Principal Supervisor:

Date:

The undersigned certify that:

- 1. The candidate presented at a pre-completion seminar, an overview and synthesis of major findings of the thesis, and that the research is of a standard and extent appropriate for submission as a thesis.
- 2. 0 I have checked the candidate's thesis and its scope, format; editorial standards are recognized by the faculty/department as appropriate.

Signature(s):

Dean/Head of Faculty/Department: \_\_\_\_\_

Date: \_\_\_\_\_

## **Author's Declaration**

I, <u>MUHAMMAD SHARJEEL AYAZ</u> hereby state that my M.PHIL (MS) thesis Titled "DETERMINENTS OF FINANCIAL PERFORMANCE OF BANKS: EVIDENCE FROM MICROFINANCE SECTOR OF PAKISTAN" is my own work and has not been submitted previously by me for taking any degree from this university <u>Bahria University, Islamabad</u> or anywhere else in the country/world.

At any time if my statement is found to be incorrect even after my graduation, the University has the right to withdraw/cancel my M.PHIL (MS) degree.

Signature:

Name of scholar: MUHAMMAD SHARJEEL AYAZ

Date:

## **Plagiarism Undertaking**

I, <u>MUHAMMAD SHARJEEL AYAZ</u> solemnly declare that research work presented in the thesis titled "<u>Determinants Of Financial Performance Of Banks: Evidence From</u> <u>Microfinance Sector Of Pakistan</u>" is solely my research work with no significant contribution from any other person. Small contribution / help wherever taken has been duly acknowledged and that complete thesis has been written by me.

I understand the zero-tolerance policy of the HEC and Bahria University towards plagiarism. Therefore, I as an Author of the above titled thesis declare that no portion of my thesis has been plagiarized and any material used as reference is properly referred / cited.

I undertake that if I am found guilty of any formal plagiarism in the above titled thesis even after award of MPhil degree, the university reserves the right to withdraw / revoke my MPhil degree and that HEC and the University has the right to publish my name on the HEC / University website on which names of scholars are placed who submitted plagiarized thesis.

Scholar / Author's Sign:

Name of the Scholar: MUHAMMAD SHARJEEL AYAZ

## **Thesis Completion Certificate**

Scholar's Name: MUHAMMAD SHARJEEL AYAZ

Registration No.: 01-229192-008

#### Program of Study: M.PHIL (Management Studies) Thesis Title: DETERMINENTS OF FINANCIAL PERFORMANCE OF BANKS: EVIDENCE FROM MICROFINANCE SECTOR OF PAKISTAN.

It is to certify that the above scholar's thesis has been completed to my satisfaction and, to my belief, its standard is appropriate for submission for examination. I have also conducted plagiarism test of this thesis using HEC prescribed software and found similarity index  $\underline{13\%}$  that is within the permissible limit set by the HEC for the MPhil degree thesis. I have also found the thesis in a format recognized by the BU for the MPhil thesis.

Principal Supervisor's Signature:

Date:

Name: Dr.Qazi Abdul Subhan

#### ACKNOWLEDGEMENTS

All praises and acclamations are for Almighty ALLAH, the merciful, the benevolent, the only creator of the Universe Who bestowed mankind knowledge, wisdom and potential to unravel its secrets. After Almighty Allah, praises to Last messenger of Allah, Prophet Muhammad (Peace be upon him), who is the succorer of humanity, gem of mankind and the ruby of the universe.

First of all, I would like to express profound gratitude to my honorable supervisor, **Dr. Qazi Abdul Subhan**, for accepting me as a graduate student and giving me a wonderful opportunity to seek knowledge from him. I felt extremely fortunate to have him as my supervisor. Without his valuable suggestions, excellent guidance, exceptional efforts, remarkable insight and dynamic supervision, this project would not have been completed. The professional research skills that I learnt from him are invaluable for future endeavors. He always responded my queries and questions with great enthusiasm. His guidance and support have always been a source of encouragement for me throughout my stay at the Bahria University Islamabad (BUIC).

I express my heartiest gratitude and deep sense of honor to my affectionate, Mother **Jameela Begum** for their kind behavior and valuable support during my studies. Special pray for my father **Muhammad Mahroof** (Late) may Allah have mercy on him and grant him Jannat-ul-Firdaus (Ameen). Last but not the least; I convey my special thanks to brothers Muhammad Fazeel Ayaz, Muhammad Nabeel Ayaz and friend Abdul Staar and all those who guide and pray for my brilliant future. Without their support, encouragement, and prayers, it was impossible to achieve what I did till date.

# **DEDICATION**

To my beloved father and mother

## **TABLE OF CONTENTS**

1. INTRODU	JCTION	2
1.1. Historic	al Background	2
1.2. Problem	1 Identification	5
1.3. Objectiv	ve of the study	6
1.4. Research	h questions	6
1.5. Significa	ance of the study:	6
1.6. Scope of	f the study	7
2. LITERATUR	RE REVIEW	8
2.1. Depende	ent variables	8
2.1.1. Prof	itability	8
2.1.1.1.	Return on Assets (ROA)	9
2.1.1.2.	Return on Equity (ROE)	9
2.1.1.3.	Net Interest margin (NIM)	9
2.2. Independ	dent variables	10
2.2.1. Poor	r Asset Quality	10
2.2.2. Capi	ital Adequacy (CA)	12
2.2.3. Liqu	iidity Ratio (LR)	14
2.2.4. Ineff	ficiency Ratio (LR)	16
2.3. Signalin	ng Theory	17
2.4. Concept	tual Framework	18
3. METHODO	LOGY	19
3.1. Research	h Design	19
3.2. Populati	ion and Sampling	19
3.3. Research	h Approach and Strategy	20
3.4. Choices	of variable:	20
3.4.1. Depe	endent variable:	20
3.4.1.1.	Return on asset (ROA):	20
3.4.1.2.	Return on average asset (ROE):	21
3.4.1.3.	Net Interest Margin (NIM)	21
3.4.2. Inde	pendent variable:	22
3.4.2.1.	Poor asset quality:	22
3.4.2.2.	Capital adequacy:	22
3.4.2.3.	Liquidity ratio:	23

3.4.2.4. Inefficiency (ratio of Cost/Income)	
3.5. Sources of data:	
3.6. Population and Sampling:	
3.7. Data analysis techniques:	
3.7.1. Descriptive Analysis:	
3.7.2. Regression:	
3.7.3. Correlation:	
3.8. Model Specification:	25
3.9. Table 1: Variables and expected signs	
4. EMPIRICAL RESULTS AND DISCUSSION	
4.1. Descriptive analysis	
4.2. Correlation Analysis	
4.3. Regression Analysis	
5. CONCLUSIONS AND RECOMMENDATIONS	
5.1. Conclusion	
5.2. Recommendations	
5.3. Limitations	
5.4. Future Research Directions	41
6. References:	
APPENDIX 1	i

#### ABSTRACT

For economic segment, Microfinance banks are crucial, especially in emerging countries in which financial markets aren't very well evolved and powerful. Microfinance banking financial performance is critical meanwhile worthiness regarding sector stands strongly related with economy's worthiness, as a whole. Study has researched profitability factors regarding the Microfinance banks functioning in Pakistan, by specific emphasis on position towards the asset quality. That aspect became especially significant after the introduction of tighter banking regulatory standards. Study has involved micro level determinants of banks profitability. Over the duration 2015-2020, the research has used balanced panel data containing Six microfinance banks operating in Pakistan. Results of ROA indicates that Poor Asset Quality (PAQ), cost-to-income ratio (CIR), capital adequacy (CAR) and Liquidity ratio (LIQ) showed negative effects on financial performance. In ROE t-value and the significance value of the relevant variables indicates that Poor Asset Quality (PAQ), cost-to-income ratio (CIR), and capital adequacy (CAR) have a substantial negative effect on the financial performance. While, Liquidity ratio (LIQ), shows insignificant impact on net interest margin. In NIM Poor Asset Quality (PAQ), Liquidity ratio (LIQ), and capital adequacy (CAR) have a substantial negative effect on the financial performance. While, cost-to-income ratio (CIR), shows insignificant impact on net interest margin. Bank management, customers, investors as well as government can use the information for better decision.

**Keywords:** Poor asset quality, Capital adequacy, microfinance banks, profitability of Banks