# UNIVERSITI TEKNOLOGI MARA

# ASSESSING FRAUD RISK FACTORS OF ASSET MISAPPROPRIATION IN IRANIAN BANKS: FRAUD DIAMOND THEORY

## **ELHAM HADY NIA**

Thesis submitted in fulfillment of the requirements for the degree of **Master of Science** 

**Faculty of Accountancy** 

August 2017

### **ABSTRACT**

The case of asset misappropriation (AM) in the Iranian Banking Industry has been at alarming rate since the last decade. It has caused many banks to collapse, and many investors and depositors funds were trapped. In fact, it has prevented many banks from achieving their goals and many businesses went into liquidation. Since the last few decades, asset misappropriation is prevalent especially in financial service industry. In addition, employee fraud is the most prevalent type of fraud experienced by organizations. Therefore, the main purpose of this study is to provide a more in depth view on the reasons of assets perpetrations conducted by bank employees in Iran. The exploratory study adopts quantitative methods to reach a better grasp of the reasons of why bank staffs commit fraud at work. The sample size of the current research is comprised of 200 bank managers and employees from top three banks in the banking industry of Iran, namely Bank Melli Iran, Bank Saderat Iran and Bank Tejarat Iran. All the respondents were chosen based on the stratified selection method among those who have two in common characteristics, firstly, being informed about details of fraud in the banking industry of Iran, and secondly being decision maker. The result of the paper enhanced the existing literature further in understanding the concept of fraud and assets misappropriation in Iran. Findings are useful for policy makers, managers at banking system and practitioners to improve safety of banking mechanisms in Iran. Managerial implication and suggestions for future research are also included.

### **ACKNOWLEDGEMENT**

First and foremost, praise to Almighty Allah who granted me stringent, patience and ability to accomplish this challenging journey. I would like to express my gratitude to my supervisor, Assoc Prof. Dr. Jamaliah Said for the useful comments, remarks and engagement through the learning process of this master thesis. Furthermore, I would like to thank Dr. Soheil Kazemian for all help and the full support on the way. Also, I like to thank the participants in my survey, who have willingly shared their precious time and their knowledge.

I would like to thank my husband Ali Gerami, who have supported me throughout entire process, both by keeping me harmonious and helping me putting pieces together. I will be grateful forever for your love.

# TABLE OF CONTENTS

					Page		
CONFIRMATION BY PANEL OF EXAMINERS					ii		
AU	THOR'S DECLA	RATION			iii		
AB	STRACT				iv		
AC	KNOWLEDGEM	ENT			$\mathbf{v}$		
TABLE OF CONTENTS LIST OF TABLES							
						LIS	ST OF FIGURES
LIS	ST OF ABBREVIA	OF ABBREVIATIONS					
CH	APTER ONE: IN	TRODUCTIO	ON		1		
1.1	Background	of	the	Study	1		
1.2	Problem Statement	-			6		
1.3	Objectives	of	the	Study	9		
1.4	Research Question	S			9		
1.5	Scope	of	the	Study	10		
1.6	Significance of Stu	dy			10		
1.7	Limitation	of	the	Study	11		
1.8	Organization	of	the	Dissertation	12		
СН	APTER TWO: L	ITERATURE	REVIEW		14		
2.1	Introduction				14		
2.2	Definition	of		Fraud	14		
2.3	Asset Misappropria	ation			17		
	2.3.1 Asset Misar	propriation in	Banking Industr	у	19		
2.4	Fraud Diamond				21		
	2.4.1 Pressure				22		
	2.4.2 Opportunity				24		
	2.4.3 Rationalization						
	2.4.4 Capability				28		

2.5	Sumi	ummary of Chapter				
СH	АРТ	CR THREE: RESEARCH METHODOLOGY	31			
	Introduction					
		Fraud Diamond Theory  Conceptual Framework				
	The	Development of Hypotheses	34 35			
J. <b>T</b>		Relationship between Opportunity and Asset Misappropriation	36			
		2 Relationship between Pressure and Asset Misappropriation				
		4.3 Relationship between Rationalization/Attitude and Asset				
	Misappropriation					
	3.4.4	Relationship between Capability and Asset Misappropriation	41			
3.5	Research Design					
		The Research Method	42			
	3.5.2	The Survey Instrument	44			
		Sample Selection and Sampling Frame	45			
		Translation and Back translation of the Survey Instrument	47			
3.6	The	Structure and Content of the Questionnaire	48			
	3.6.1	Demographic Information	48			
	3.6.2	Independent Variables	49			
		3.6.2.1 Opportunity				
		3.6.2.2 Pressure	50			
		3.6.2.3 Rationalization	51			
		3.6.2.4 Capability	52			
		3.6.2.5 Asset Misappropriation	53			
3.7	Pilot Study					
	3.7.1	Pilot Test Validity Analysis	55			
3.8	Data (	Collection				
3.9	Statistical Analysis					
	3.9.1 Content Validity					
	3.9.2	Factor Analysis				
	3.9.3	Reliability Test				
	3.9.4	Correlation Analysis				
	3.9.5	Multivariate Regression Analyses				