THE COMPARATIVE ANALYSIS OF
CONVENTIONAL AND ISLAMIC BOND FUNDS PERFORMANCE

by

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A Dissertation Submitted in Partial Fulfillment of the Requirements for the Degree of Master of Science in Finance at the Graduate School of Management,
Universiti Utara Malaysia
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I hereby declare that the project paper is based on my original work except for quotations and citations that have been duly acknowledge. I also declare it has not been previously or concurrently submitted for any other Master’s programme at Universiti Utara Malaysia or other institutions.

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ACKNOWLEDGEMENT

In the name of Allah azza wa jalla, the most merciful and benevolent Peace be upon The Great and Last Prophet Muhammad, his families, his friends and his followers (May us included, Inshaallah)

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ABSTRACT

This study is conducted with the aim to compare the performance of Islamic bond funds to the performance conventional bond funds. The performance comparisons are made over several classified period, namely overall period, normal or pre crisis period and crisis period to cater for performance inconsistency of the funds and the influence of economic conditions. Two samples were generated and utilized in this study. The first sample is intents to maximize the number of bond funds included in the study and the length of the study by including the data for all the active bond funds over the period December 2003 to August 2009. In order to overcome biasness due to market condition or market influence, only Jensen Index which is market and risk adjust return is used as performance measure and the basis of comparison for funds in this sample. The number of bond funds included in the sample is 20 Islamic bond funds and 48 conventional bond funds. The second sample is set to allow for a fair comparison between funds that are launched at different years when risk adjusted return, namely Sharpe, Adjusted Sharpe, Jensen and Adjusted Jensen and Treynor Index, are used. The number of bond funds included in the sample is 18 Islamic bond funds and 45 conventional bond funds. In addition of non adjusted and risk adjusted return, the risk and diversification of the funds are also compared.

Using the larger sample and Jensen Index, it is found that the conventional bond fund outperformed Islamic bond funds during the normal or pre crisis period. On average during the overall period of study the two types of bond funds performed equally well. Based on the second sample with complete data for all funds, the study finds that their performances as measured by all the indices for all the clustered periods are similar. The performance of both types of fund also does not change significantly from pre crisis period to crisis period. The risk of conventional bond funds however is found to increase during the crisis in compared to before the crisis. These findings provide evidence that Islamic bonds are more stable than conventional bonds and are less affected by the crisis.

Keywords: Conventional bond funds, Islamic bond funds, Performance
# TABLE OF CONTENTS

Title page ........................................................................................................................................ i  
Certification of Project Paper ......................................................................................................... ii  
Permission to Use ........................................................................................................................... iii  
Declaration ...................................................................................................................................... iv  
Acknowledgement ........................................................................................................................... v  
Abstract .......................................................................................................................................... vi  
Table of Contents ............................................................................................................................ vii  
List of Tables ................................................................................................................................... ix

## CHAPTER ONE: BACKGROUND OF STUDY

1.1. Introduction ................................................................................................................................. 1  
1.2. Problem Statement .................................................................................................................... 6  
1.3. Objective of the study ................................................................................................................ 9  
1.4. Contribution of the study ......................................................................................................... 9  
1.5. Scope and Limitation ................................................................................................................ 10

## CHAPTER TWO: LITERATURE REVIEW

2.1. Introduction ................................................................................................................................. 12  
2.2. Theoretical Literature ............................................................................................................... 12  
2.2.1. Portfolio Theory .................................................................................................................. 12  
2.2.2. The Capital Asset Pricing Model ....................................................................................... 13  
2.2.3. Return, Risk and Diversification ...................................................................................... 15  
2.3. Literature Review on Portfolio Performance Measurement .............................................. 18  
2.4. Literature Review of Bond Fund Performance ..................................................................... 20  
2.5. Literature Review of Unit Trust Performance in Malaysia ................................................. 25  
2.6. Literature Review of Corporate Bond Market in Malaysia ................................................. 27

## CHAPTER THREE: METHODOLOGY

3.1. Introduction ................................................................................................................................. 28  
3.2. Data Collection and Sample Selection .................................................................................... 28  
3.3. Data Analysis ............................................................................................................................ 34  
3.3.1. Non Risk-Adjusted Return Measurement ....................................................................... 34  
3.3.2. Risk-Adjusted Return Measurement of Performance .................................................... 35  
3.3.3. Measurement of Risk ....................................................................................................... 41  
3.3.4. Measurement of Diversification ($R^2$) ............................................................................ 43  
3.4. Hypotheses ............................................................................................................................... 43  
3.4.1. Non-Risk Adjusted Return ............................................................................................... 43  
3.4.2. Consistency of Non Risk Adjusted Returns ..................................................................... 43  
3.4.3. Risk Adjusted Return ....................................................................................................... 44  
3.4.4. Consistency of Risk Adjusted Returns of Bond Fund ...................................................... 44  
3.4.5. Risks of Bond Funds ........................................................................................................ 45  
3.4.6. Consistency of Bond Funds Risk .................................................................................... 45  
3.4.7. Bond Funds Diversification Level ................................................................................... 45  
3.4.8. Consistency of Bond Funds Diversification Level ........................................................... 46
## CHAPTER FOUR: RESEARCH FINDINGS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1 Introduction</td>
<td>47</td>
</tr>
<tr>
<td>4.2 Performance Measurement Indicator</td>
<td>47</td>
</tr>
<tr>
<td>4.3 Comparison of Performance based on the First Sample</td>
<td></td>
</tr>
<tr>
<td>(Dec 2003 – August 2009)</td>
<td>49</td>
</tr>
<tr>
<td>4.3.1 Descriptive analysis of the first sample</td>
<td>49</td>
</tr>
<tr>
<td>4.3.2 Hypothesis testing of the First Sample</td>
<td>51</td>
</tr>
<tr>
<td>4.4 Findings Complete Data Sample Comparison of Performance</td>
<td></td>
</tr>
<tr>
<td>based on the Second Sample (Dec 2006 – August 2009)</td>
<td>52</td>
</tr>
<tr>
<td>4.4.1 Descriptive analysis of the second sample</td>
<td>53</td>
</tr>
<tr>
<td>4.4.2 Hypothesis Testing for the second sample</td>
<td>57</td>
</tr>
</tbody>
</table>

## CHAPTER FIVE: CONCLUSION AND RECOMMENDATION

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.1. Introduction</td>
<td>64</td>
</tr>
<tr>
<td>5.2. Overview of the Research Process</td>
<td>64</td>
</tr>
<tr>
<td>5.3. Summary of Findings</td>
<td>65</td>
</tr>
<tr>
<td>5.4. Conclusion</td>
<td>67</td>
</tr>
<tr>
<td>5.5. Recommendation</td>
<td>68</td>
</tr>
<tr>
<td>5.5.1. Recommendation for Investors and Fund Management</td>
<td>68</td>
</tr>
<tr>
<td>Companies</td>
<td></td>
</tr>
<tr>
<td>5.5.2. Recommendation for future research</td>
<td>69</td>
</tr>
<tr>
<td>References</td>
<td></td>
</tr>
<tr>
<td>Appendices</td>
<td></td>
</tr>
</tbody>
</table>
LIST OF TABLES

1.1 Sukuk Outstanding 2005- Q2 2009 ................................................................. 7
1.2 Performance Evaluation of Sample Interval .................................................. 11
3.1 Bonds Funds in Malaysia (2000-2009) and Sample Selection .................... 32
3.2 Tabulation of the number of observation in the first sample by years .......... 33
3.3 Sample tabulations before crisis and during period .................................... 33
4.1 Performance Measurement Indicator ............................................................ 48
4.2 Descriptive Analysis of Jensen Index for the First Sample ......................... 50
4.3 Descriptive Analysis of Bond Fund Return, Market return and Risk Free Rate for the First Sample ................................................................. 50
4.4 t-test results on Jensen Index comparison for different type of fund in the first sample ........................................................................................................ 51
4.5 t-test results on Jensen Index comparison for different economic period in the first sample ........................................................................................................ 52
4.6 Descriptive analysis of non-risk adjusted return for the second sample ...... 53
4.7 Descriptive analysis of risk adjusted return of bond funds for the second sample .................................................................................................................. 54
4.8 Descriptive Analysis of Bond Funds Risk for the second sample ............... 56
4.9 t-test results on non risk adjusted returns comparison for type of funds in the second sample ........................................................................................................ 57
4.10 t-test results on non risk adjusted returns comparison for different economic period funds in the second sample ................................................................. 58
4.11 t-test results on risk adjusted returns comparison for different type of funds in the second sample ........................................................................................................ 59
4.12 t-test results on risk adjusted returns comparison for different economic period in the second sample ........................................................................................................ 60
4.13 t-test results on risk comparison for different types of fund in the second sample .................................................................................................................. 61
4.14 t-test results on risk comparison for different economic period for the second sample .............................................................................................................. 62
4.15 t-test results on diversification level ($R^2$) comparison for different type of fund in the second sample ....................................................................................... 62
4.16 t-test results on diversification level ($R^2$) comparison for different economic period for the second sample ....................................................................................... 63
5.1 Summary of Findings related to Bond Funds in Malaysia .......................... 66
CHAPTER ONE
BACKGROUND OF STUDY

1.1. Introduction

A bond fund pools money from many investors to buy individual bonds that meet the investment objective. Each bond fund is professionally managed, and is categorized based on the type of bonds in which it invests. Bond funds, similar like any other unit trust funds, provide investors with important features like professional money management, regular income, portfolio diversification, liquidity and convenience.

In term of managing investment, experienced professionals manage a portfolio of securities for investors, and decide which securities to buy and sell based on extensive research. The fund manager usually employs a team of investment analysts and strategists to provide the detailed market information to be considered when choosing investments that best match the funds’ objectives.

Most bond funds pay regular income, although the amount may differ with market conditions\(^1\). This feature can make bond funds an appropriate option for investors who desire somewhat stable, regular income.

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