

IDEAL PORTFOLIO CONSTRUCTION BY USING SINGLE INDEX MODEL BASED ON BURSA MALAYSIA DATA

SIDI SYAFFIEE BIN SIDI OMAR 2012445048

BACHELOR OF BUSINESS ADMINISTRATION (HONS) FINANCE FACULTY OF BUSINESS MANAGEMENT UNIVERSITI TEKNOLOGI MARA MALAYSIA JANUARY 2015

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iii

Abstract

The main purpose of this paper is to construct an ideal portfolio by using one of the model which is Sharpe's single-index model. For this purpose the daily closing prices of 686 companies listed in Main Market in Bursa Malaysia and all share price index for the period of September 2009 to September 2014 have been considered. The proposed method formulates a unique cut off point (Cut off rate of return), selects stocks having excess return to beta ratio surpassing this cut off point, and determines the percentage of investment in every of selected stocks. The optimum portfolio consists of 189 stocks selected out of 686 stocks, giving the return of 0.26%.

Table of Contents

Declara	Declaration			
Letter o	_etter of Submission			
Acknowledgment				
Abstract				
Table of Contents				
Table of Figures				
1 IN	TRODUCTION	1		
1.1	Background of Study	1		
1.2	Purpose of Study	4		
1.3	Objective	4		
1.4	Research Question	4		
1.5	Problem Statement	5		
1.6	Relevance of Study	6		
1.7	Scope of Study	6		
1.8	Conclusion	7		
2 LIT	TERATURE REVIEW	8		
2.1	Introduction	8		
2.2	Portfolio Analysis	8		
2.3	Theoretical Background	11		
2.3.1 Markowitz Portfolio Selection		11		

	2.3	3.2	Single Index Model	13
	2.3	3.3	Capital Asset Pricing Model	14
3	RE	ESEAF	RCH METHODOLOGY	16
	3.1	Intr	roduction	16
	3.2	Тур	pes of Study	16
	3.3	Dat	ta Collection Method	17
	3.4	Sar	mpling Technique	18
	3.5	Dat	ta Analysis	18
	3.6	Sha	arpe's Single Index Model	19
4	Da	ata Ar	nalysis and Finding	23
	4.1	Ana	alysis	23
	4.2	Fin	ding	25
5	Co	onclus	sion	44
	5.1	Red	commendation	45
6	RI	EFER	ENCES	46
APPENDIX A				
	APPENDIX B			

APPENDIX C