

DOES IT RING A BELL? CAPITAL ASSET PRICING MODEL VERSUS FAMA AND FRENCH MODEL

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JUNE 2015

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ABSTRACT

This study is endeavour to put the battle between CAPM and FF Model to an end by giving more evidences showing which model is superior incorporating with risk and other variables in explaining the expected returns. We aim to achieve three main objective which are (1) to examine the relationship between CAPM and Expected Return, (2) to identify whether FF Model is related to Expected Return and (3) To compare whether CAPM is superior to FF Model. In order to achieve these objectives, we employ linear regression to ascertain the relationship between the variables and apply RMSE and MAE comparison to identify which model is better. We collected the data of 50 companies from five different industries in Kuala Lumpur Stock Exchange (KLSE). The data is based on monthly basis from the period of January 2000 until December 2013. In general, we found that, FF model is performing better compare to CAPM in linear regression. Another finding is we identify that FF model consistently superior to CAPM in error comparison analysis.

ACKNOWLEDGEMENT

Alhamdulillah, praise to Allah S.W.T for the strength, wisdom and help bestowed upon me in the process of completing this research.

I would like to convey my personal thanks to Associate Professor Dr. Imbarine Bujang, my principal supervisor for his vital support and assistance. His encouragement has made it possible to complete the project.

My sincere thanks to all my friends for their contribution and friendship. You are what a famous quote describes "A real friend is one who walks in when the rest of the world walks out".

Last but not least, my heartful gratitude to my parents, Encik Abdul Karim Iskandar and Puan Junaidah Sarikul for their never ending love and support throughout my study.