An Empirical Study of Financial Prediction Model of American Stock Listed Company

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ABSTRACT

The traditional financial study was major in financial ratio build warning model to forecast company's financial crisis. In past study a few study to add intellectual capital in forecast model. Therefore, this study to utilize Logit and Probit model building financial crisis model, moreover, financial ratio variable and intellectual capital index variables as explanatory variable. Hence, this study was divided into five dimensions that financial structure, cash flow, debt-paying ability, makes a profit the ability and intellectual capital.

The sample was choose from American listed company and the period was from 2000 to 2005. The empirical study indicated that the most suitable to measure financial crisis is financial structure, next is cash flow and intellectual capital. at the same time, the year before financial crisis happened is the best time to measure. In other words, the time away from financial crisis happened the forecast ability is decrease. Finally, this study to add intellectual capital can help company effective to forecast financial crisis.

Keywords : financial warning model ; financial ratio ; intellectual capital ; logit model ; probit model

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