

Abstract

Implementation of Dempster Shafer method in forming Mean Variance stock portfolio produce stock performance values that become a reference for selecting stocks into Mean Variance portfolio. Stock performance value is generated from variance return and fundamental factors of stocks which is calculated using Dempster Shafer combination rules. Stocks with the highest performance values are selected into Mean Variance portfolio. In this study, there are 10 stocks selected into stock portfolio namely BSDE, GGRM, INDF, SGRO, SMGR, SCMA, MNCN, BBCA, HMSP, and BMTR with return portfolio value is 0,0125. Portfolio performance evaluation is applied using the Sharpe Ratio method with the results obtained by Mean Variance stock portfolio formed with Dempster Shafer method is 0,2063 and the Mean Variance stock portfolio without Dempster Shafer method is 0,0905. The results of this study, the Mean Variance stock portfolio formed by Dempster Shafer method has a better performance than the Mean Variance stock portfolio without the Dempster Shafer method.

Keywords: Dempster Shafer, Coefficient Correlation, Mean Variance Portfolio, Sharpe Ratio