ABSTRACT

The rapid economic growth that is accompanied by community revenue growth encourages people to invest. One of the capital markets in Indonesia that is very well known to investors is the Indonesia stock Exchange or IDX. The stability and liquidity of the financial services sector during the 1 2019 quarter is maintained, in line with the strengthening of intermediation performance and the improvement of the risk profile of financial services institutions. The company, which is located on the main stock registration Board, is a registered company that has been listed for more than 3 years. The selection of financial sector objects on the main stock logging boards is a consideration because it is potentially a promising profit for both investors and prospective investors. The study uses the grouping analysis method by using fuzzy C-MEASN clustering which aims to group the company into clusters, after which it is determined the optimal cluster by looking at the centroid value and strengthened by the descriptive analysis. The population in this study is the entire financial sector company that resides on the main stock listing board. The sample in this study is 47 data of the company for 36 months IE 1692 data. The results of the findings in this study were to recommend the purchase of shares of 3 companies entered successively into the optimal group.

Keywords: *Financial sector Company, Main Note Board, Fuzzy C-Means Clustering, Optimal group*