

Abstract

Stock are proof of ownership of a company, stock ownership means that someone has participated in the capital of a company. Investors want a high return for each stock they own, so a prediction model is needed for stock returns. Technical indicator is a technique used by investors to analyze and read the movement of a stock. It is known that the forecasting results of combining the Economic Constraint model with Technical Indicators are very good. In this final project, stock return forecasting at IDX30 is carried out by combining the Economic Constraints model and Technical Indicator, supported by references from previous studies. Based on the test results, it was obtained that the combination of the Economic Constraint model with Technical Indicators obtained a Mean Square Error (MSE) value of 0.00094, from the 12 stock data used and 60 experiments was found that 41 out of 60 experiments resulted in a smaller MSE value when using Economic Constraints.

Keywords: stock, stock return, economic constraint, technical indicators, forecasting