Abstract

Formation of Optimal Portfolio Using Capital Asset Pricing Model (CAPM) Method in stocks listed on Index IDX30

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Investment is an activity carried out in the capital markets in the form of buying and selling activities in which a variety of financial instruments traded. Investors do investment in order to obtain the maximum return on the level of risk or accept a certain minimal risk at a particular rate of return. stock index IDX30 is a collection of 30 stocks listed in LQ45 which is considered to have high liquidity. In investing, investors typically invest in a portfolio in order to minimize risk or maximize returns. This study uses methods of Capital Asset Pricing Model (CAPM) to determine optimal portofolio where samples used were 17 stocks listed in IDX30 over the study period. Based on the CAPM method acquired 10 shares belonging to efficiently share and included in optimal portfolio. 10 shares was INDF, UNVR, CPIN, JSMR, BMRI, BBRI, BBNI, BBCA, INTP and PGAS. A number of ten stocks that make an optimal portfolio are able to minimize the risk of investment on the level certain return so that it shows that investment in the form of portfolio better than investing in securities.

Keywords: Beta, CAPM, Expected Return, Investment, Optimal Portfolio