PREDICTION OF RICE IN THE DISTRICT NEEDS BANYUWANGI USING DOUBLE EXPONTIAL SMOOTHING

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Abstract

Food is a basic human need that must be met every people of Indonesia realization quality resources in national development. The food needs to be done as obtaining food available at all times to affordable among the community. This study aims to find out the result or the evaluation of double exponential smoothing method that predicts the production and availability of rice to meet demand for rice in Banyuwangi every year. Data collection techniques used in this research is to use multiple methods of research methods to library (literature), data collection methods (primary, secondary), as well as methods of analysis. The results showed forecasting using double exponential smoothing method that the production and availability of rice increased by 25 981, if percentage availability of rice in 2015 increased 10.7%.

Keywords: *Forecasting, Forecasting availability of rice, Double Exponential Smoothing method.*