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Fonte:

<https://www.scielo.br/j/prod/a/7CCS8kbW6PV9ysZ8c5mBswH/abstract/?lang=en> Acesso em: **27/09/2023**

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This paper is an approach of the inventory models selection problem in single echelon system management with independent items. Four inventory models are considered, three reactive, which don't use demand forecasting for decision making, and one active model, that decides based on forecasting. Average operation cost per period is the performance measurement variable considered, calculated by using simulation of the models applied on sales temporal series. The paper analyses the effects, in the relative models performance, of the demand forecast accuracy and the use of minimum acquisition quantity in the active model. The analysis uses a search model jointly a simulator to optimize the parameters. The

results present useful information for models selection and parameters determination in organizations environment.

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