Abstract

This study aimed to identify the predictive ability of the achievement test and the secondary school rate in the prediction of the cumulative rate of scientific specialization for students of the Faculty of Science at Prince Sattam Bin Abdul-Aziz University. The data of the study was collected from the Deanship of Admissions and Registration for the academic year (2017-2018). The sample of the study was (180) students. Linear regression was adopted in the data analysis. The results revealed a positive correlation between the secondary school rate and the university cumulative rate. A positive and weak correlation between the achievement test and the university cumulative rate was found. In addition, the secondary school rate and achievement tests were able to predict the cumulative rate in the specializations of mathematics, chemistry, and biology. The study recommended reconsidering the policy of admitting students in Saudi universities by adding other criteria besides the secondary school rate and the achievement test suited to the nature of each university.

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