
Assessment of factors that affect student's academic performance in higher education: the case of Addis Ababa City, Ethiopia

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Abstract

The purpose of this study was to identify and analyze the factors affecting the student's academic performance in Addis Ababa City using Factor Analysis, Multiple linear regression and Multivariate Analysis of Variance (MANOVA). Cross-sectional survey was conducted on a sample of 591 from a target population of 24021 of Addis Ababa City. The Factor analysis estimation result identified five potential factors that affect the student's academic performance of the students in the city of Addis Ababa. These potential factors are economic, socio-cultural, role of parents, community service and community attitude factors, which explained 77.5 percent of the total variation of the student's academic performance. The multiple linear regression analysis indicated that length of school from home, time spend for study, number of recreational activities, availability of academic resources, educational level of parents and gender are found significant in explaining the variation in the academic performance of the students in the city.
