PREDICTION OF SCIENCE MOTIVATION AND ATTITUDE TOWARDS SCIENCE: ROLES OF HOBBIES, PREFERRED SUBJECT AND GENDER OF SECONDARY SCHOOL STUDENTS

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The objective of the investigation was to find out roles of hobbies, preferred subject and participant gender in statistical prediction of science motivation and attitude. Participants were a stratified random sample of 88 school students of grades VI to X. Tools used for data collection were a general information schedule and two standardized tests - Science Motivation Questionnaire (SMQ-2) by Glynn et al. (2011) and Test of Science-Related Attitudes (Fraser,1981). Ordinal Logistic Regression was conducted to report that the attitudinal variable Leisure Interest in Science could be predicted 20.3%, the highest among the dependent variables by predictors including hobbies.