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The use of graphics calculator in a matriculation statistics classroom: a Malaysian perspective.

Technol. Innov. Stat. Educ. 7, No. 2, 13 p., electronic only (2013).

Summary: The teaching and learning of statistics has evolved tremendously over the years owing to the reformation in statistics education and the advancement of technology that revolutionized the pedagogy in statistics classrooms. With technological tools students can focus in learning and understanding the important statistical concepts instead of concentrating on lengthy and repetitive calculations. Hand-held technologies such as the graphics calculators have paved the way for constructive and exciting learning experience. However, in a developing country like Malaysia the use of graphics calculators in statistics classrooms is not without challenges. This paper explores the advantages and limitations of the use of graphics calculators in the teaching of statistics in Malaysia.

Classification: U74 K14

Keywords: statistics education; teaching; research; information technology; graphics calculators; challenges; Malaysian education scenario; curriculum development; matriculation mathematics course; statistical literacy; educational policy

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