

THE ROLE OF THE COMPUTER IN DEVELOPING STATISTICAL CONCEPTS

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The role of computer in statistic is evolving in teaching and in learning, it is more than a computational tool.

The computer has an important role to improve students understanding of theoretical concepts, particularly, in statistical inference for the empirical development of many fundamental concepts, for example, repeated sampling and sampling distribution, moreover, it enables we to use simulation activities. The introduction of statistical packages led to a reduction in the amount of time we have to spend on computational activities.

This paper will focus on a particular issue that is of central importance in statistic , namely, how the use of technology is a source of much concern, because of the computationally intensive nature of the subject, and how the use of computer is equally useful for education and research.