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INSTRUCTION FOR INTRODUCTORY STATISTICS AND APPLICATIONS.
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The purpose of this study was the development of computer assisted instruction for introductory statistics and applications. Asymetrix Toolbook II Instructor 5.0 was employed as a tool to construct the computer assisted instruction. The efficiency of the computer assisted instruction program was assessed by comparing mean scores of pretest and posttest with a control group and an experimental group and comparing mean scores of pretest and posttest between the control group and the experimental group. The samples were 52 students in the Faculty of Social Administration, Thammasart University. They were divided randomly into the experimental group and the control group. Each group had 26 students. After giving the pretest, the experimental group was given lessons by traditional instruction and CAI program. The control group was given lessons by traditional instruction only. The posttest was given after finishing their lessons. The experimental group was also asked to answer the questionnaire on their opinion of learning through the CAI program. The comparison of achievement average scores was done by using t-test with 95% confidence interval estimation. The results of study showed the efficiency of this computer assisted instruction program and the experimental group had positive opinion towards the computer assisted instruction program. The CAI program could be used effectively for self-learning.