

**"Impact of Automated Response Systems on Students' Performance in
Principles of Microeconomics"**

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Abstract

The core research objective of this paper is to determine the impact of automated response systems (ARS) on students in Economics. ARS allow instructors to closely monitor how well students understand a certain topic. Instructors can use ARS for informative assessment, student collaboration, anonymous responses, attendance, or quizzes. The data set consist of the test scores of two groups of students. The analysis of the data shows that the use of ARS in Principles of Microeconomics can increase the grades of students. ARS are especially helpful for students on the lower end of the grade distribution.

Keywords: Automated response system, iClicker, Principles of Microeconomics, Active Learning

JEL classification: A22

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