FURTHER ASSESSMENT OF MATERIALS FOR ENGAGING STUDENTS IN STATISTICAL DISCOVERY

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As part of an NSF funded project we developed new materials for the introductory statistics course designed to engage students in discovery. The materials are designed to actively involve students in the design and implementation of data collection and the analysis and interpretation of the resulting data. Previously, performance of students who used the materials was compared to the performance of students who did not use the materials. One drawback of that comparison was that there were different instructors. In this paper we compare the performance of students in a small honors section to that of students in a second section of introductory statistics. The same instructor taught both sections. Preliminary results on students’ performance on test items and projects will be presented. Additionally, attitudes towards the new materials and statistics in general will be presented.