

supplementarydata_students.txt

This data file, in tab-delimited text, includes ancillary data about students (including student performance on summative assessments) and changes in attitude as measured using the STEBI-B instrument for measuring science teaching self efficacy beliefs.

Columns (listed in sequential order)

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|-----------------------|--|
| PersonID | Randomly assigned code that uniquely identifies a student |
| Team | Students are grouped into teams. This is the student's team assignment. |
| NumQuestionsSubmitted | The approximate number of questions the student submitted. For some semesters, this number was estimated inaccurately in this column. A better measure is to actually sum up their questions from the question table. It is included here for legacy purposes. |
| NumTimesVoted | Since voting was not tracked in most class sessions, we estimated the relative number of times a student voted based on how many times they clicked the voting link in Moodle. -999 means that we did not perform the analysis. |
| ScoreOverall | Students's overall percentage score for the entire course (includes homework, projects, peer assessments, quizzes, exam, etc...) |
| ScoreQuiz | Students average percentage score on quizzes during the course. |
| ScoreFinal | Student's percentage score on the final exam. |
| PSTE_Pre | Student's PSTE score from the STEBI-B, Pre-test at beginning of semester. |
| STOE_Pre | Student's STOE score from the STEBI-B, Pre-test at beginning of semester. |
| PSTE_Post | Student's PSTE score from the STEBI-B, Post-test at end of semester. |
| STOE_Post | Student's STOE score from the STEBI-B, Post-test at end of semester. |
| AverageVotesForPerson | Average number of votes that questions written by this student received. -999 indicates we did not do the analysis. |