# Evaluation of the Effectiveness of Student Teachers

- **Question:** Can standardized tests predict teacher effectiveness in the classroom?

- **Data Collection:** Twenty-three student teachers took part in an evaluation program designed to measure teacher effectiveness in the classroom and determine if standardized tests could be used to predict that measure. Each student teacher took a battery of four standardized tests the semester before going out and student teaching. Each student teacher was then evaluated by experienced teachers during the student teaching experience and an effectiveness score was assigned.

    - **Response variable:** Effectiveness score (EVAL)
    - **Explanatory variables:** Test1, Test2, Test3, and Test4

| Student Teacher | EVAL | Test1 | Test2 | Test3 | Test4 |
|---|---|---|---|---|---|
| 1 | 489 | 81 | 151 | 46 | 44 |
| 2 | 423 | 68 | 156 | 46 | 45 |
| 3 | 507 | 80 | 165 | 76 | 55 |
| 4 | 467 | 107 | 149 | 56 | 43 |
| 5 | 340 | 43 | 134 | 49 | 49 |
| 6 | 524 | 129 | 163 | 72 | 50 |
| 7 | 488 | 139 | 159 | 86 | 53 |
| 8 | 445 | 88 | 135 | 64 | 50 |
| 9 | 388 | 99 | 141 | 44 | 40 |
| 10 | 579 | 121 | 145 | 44 | 52 |
| 11 | 433 | 91 | 129 | 42 | 54 |
| 12 | 409 | 87 | 115 | 79 | 56 |
| 13 | 410 | 69 | 125 | 59 | 56 |
| 14 | 569 | 57 | 131 | 32 | 64 |
| 15 | 425 | 77 | 141 | 80 | 45 |
| 16 | 344 | 81 | 122 | 75 | 47 |
| 17 | 324 | 0 | 141 | 49 | 41 |
| 18 | 405 | 53 | 152 | 49 | 44 |
| 19 | 335 | 77 | 141 | 61 | 42 |
| 20 | 501 | 76 | 132 | 41 | 65 |
| 21 | 400 | 65 | 157 | 51 | 42 |
| 22 | 584 | 97 | 166 | 32 | 58 |
| 23 | 434 | 76 | 141 | 54 | 58 |