**Impact of UDL Practices on Student Achievement**

**Framing Question:** Does implementation of UDL practices reduce the disparity of GPA differences between students with and without disabilities in targeted intervention courses?

**Baseline Data:** In 2005, data across three California State University campuses revealed that Students with Disabilities (SwD) held lower Grade Point Averages (GPAs) than their peers without disabilities (SwoD). SwD on average held a 2.50 GPA while SwoD on average held a 2.94 GPA.

**Method:** During the Fall 2009 and Fall 2010 academic term, EnACT~PTD Faculty Participants implemented UDL changes to 37 targeted intervention courses. Data on student grades is presented below.

**Results:**

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| **Grades** | **SwD**  **(n=73)** | **SwoD**  **(n=1,738)** |
| **A+** | 4.1% | 3.8% |
| **A** | 30.1% | 30.6% |
| **A-** | 9.6% | 11.4% |
| **B+** | 11.0% | 8.2% |
| **B** | 16.4% | 11.1% |
| **B-** | 2.7% | 7.5% |
| **C+** | 6.8% | 4.9% |
| **C** | 5.5% | 6.1% |
| **C-** | 5.5% | 4.1% |
| **D+** | 1.4% | 2.1% |
| **D** | 0.0% | 1.9% |
| **D-** | 0.0% | 1.0% |
| **F** | 6.8% | 7.1% |

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| **Grade Ranges** | **SwD**  **(n=73)** | **SwoD**  **(n=1,738)** |
| **A** | 43.8% | 45.9% |
| **B** | 30.1% | 26.9% |
| **C** | 17.8% | 15.1% |
| **D** | 1.4% | 5.1% |
| **F** | 6.8% | 7.1% |

**Analysis:** More than 70 percent of SwD (74.0%) and SwoD (72.7%) had a grade of an A or B[[1]](#footnote-1) in the UDL-emphasized course. The percentage of SwD with a passing grade (D or better) was 93.1% and the percentage of SwoD with a passing grade (D or better) was 93.0%. [[2]](#footnote-2) SwD had a grade equivalent of 3.04 for the UDL course and SwoD had a grade equivalent of 2.97.[[3]](#footnote-3)

**Summary:** Data from 1,811 students in the UDL targeted courses revealed minimal GPA differences between SwD and SwoD. Notably, SwD acquired slightly higher GPA averages.

1. Variance in grade range percentages between SwD and SwoD were not statistically different. [↑](#footnote-ref-1)
2. Variance in percentages of passing grades between SwD and SwoD were not statistically different. [↑](#footnote-ref-2)
3. Variance in grade equivalent scores between SwD and SwoD were not statistically different. [↑](#footnote-ref-3)