

Implicit Bias Test Analysis

Research Assistant: Delaney Thau

To test implicit bias, a two part cognitive test was given to college students of different races. Specifically, the difference in results between people of Asian, White, and “Other” racial groups. Part 1 tests how quickly students distinguish a given word as being either (1) an insect or a pleasant word or (2) a flower or unpleasant word. Part 2 tests how quickly students distinguish the given word as being either (1) an insect or an unpleasant word or (2) a flower or a pleasant word. These results are taken from a random sample of the complete data set. Due to the small sample size, the results may be misleading to the true time completion statistics for each race of this test.

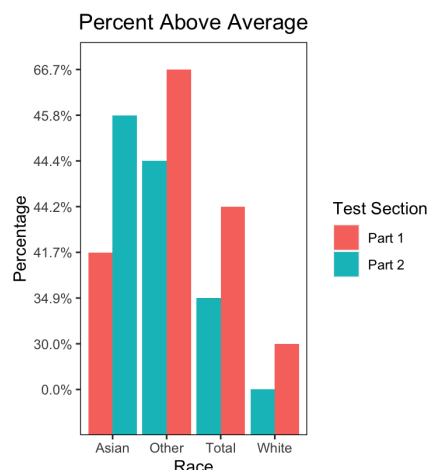
Number of Participants

Race	Count
Asian	24
White	10
Other	9

In Part 1, 44.2% of participants finished the survey above the average time it took whereas only 34.9% of participants reached above average status in Part 2. Regardless of race, more students completed Part 1 above the average time than in Part 2. Only 30% of White students performed above average in Part 1 and 0% did in Part 2. This indicates that White students have more unpleasant experiences with insects than pleasant ones, or have a slow processing time. On the other hand, more Asian students completed Part 2 (45.8%) above average than they did in Part 1 (41.7%). These contrasting results between races may be due to the difference in small sample size, however it is still notable that 0/10 White students performed above average on Part 2. The task in Part 2 makes more logical sense than in Part 1 where “insect” and “pleasant” contradict each other. Yet all White students scored below average. This suggests that all other races have a larger vocabulary than White students.

Time Completion Statistics for Part 1

Race	Above Average	Below Average	Total
Asian	41.7%	58.3%	100.0%
White	30.0%	70.0%	100.0%
Other	66.7%	33.3%	100.0%
Total	44.2%	55.8%	100.0%



Time Completion Statistics for Part 2

Race	Above Average	Below Average	Total
Asian	45.8%	54.2%	100.0%
White	0.0%	100.0%	100.0%
Other	44.4%	55.6%	100.0%
Total	34.9%	65.1%	100.0%