Correlation between Personality Type and Test Performance

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The purpose of this experiment was to see if there is a correlation between personality type and test performance. For our experimental procedure, we had participants take an online personality assessment, provided by 16Personalities, and then take a multiple choice or matching test, depending on which trial they were a part of. We grouped participants according to their personality type and then analyzed the average test scores of the groups. For example, the ISFJ personality type had the lowest average test score of 48.75, whereas the INFP personality type had the highest average test score of 75.00, resulting in a 26.25 point difference, on average, for the multiple choice test trials. Also, for the multiple choice test trials, read/write learners scored the highest with an average of 69.17. For the matching test trials, the INFP personality type had the highest average test score of 59.22, whereas the ISTP/ESTP personality type had the lowest average test score of 40, resulting in a 19.22 point difference on average. Auditory learners had the highest test score average of 61.67 on the matching test trials. Overall, this experiment was unprecedented and proved that there is a correlation between personality type and test performance. Moving forward, we would like to conduct multiple experiments at various other locations to hopefully further verify our results, and possibly conduct other experiments with different test types, such as short answer or fill-in-the-blank, to see how this correlation holds across different test types.

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