

Esther Navarro
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Bio 125
Physiology
Lab #5

Visual and Auditory reaction

Purpose

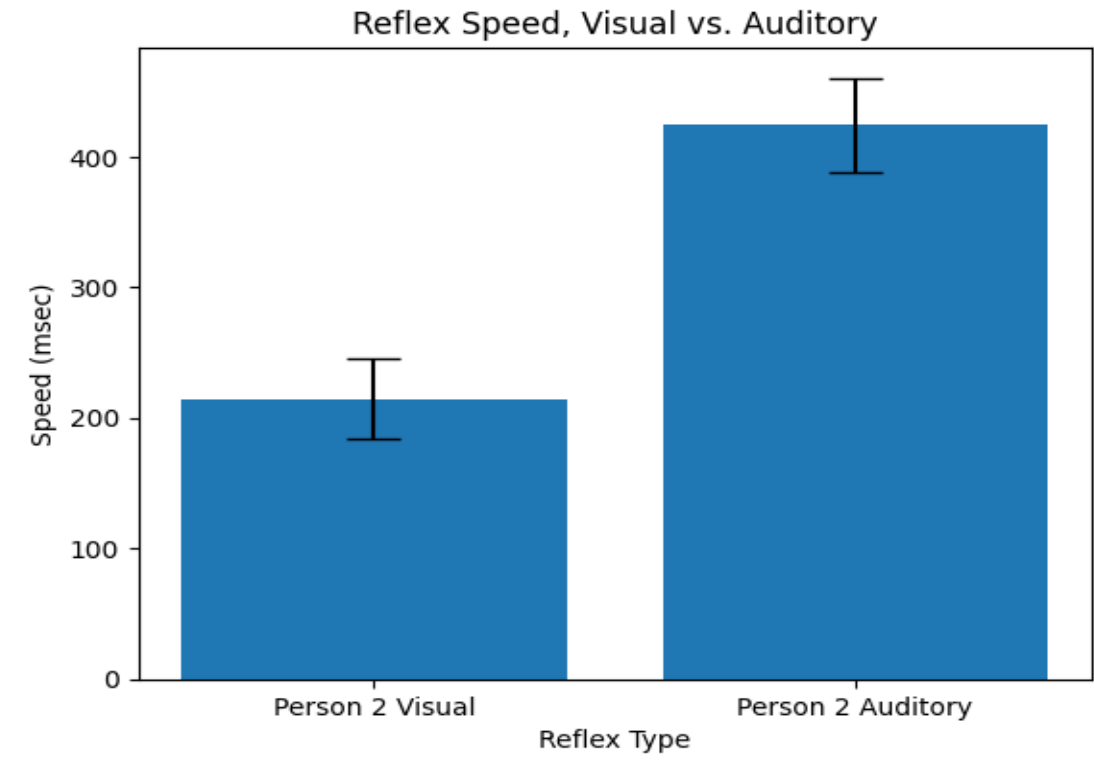
In today's lab we will look at our reaction time. Whether it is vision or auditory. We will see how fast our reaction is with other classmates and we will compare results.

Procedure

There will be two types of tests that we will perform for our reaction time which is visual and auditory. With the visual one we are instructed to click anywhere on your computer, I prefer the mousepad, as fast as you can once you see the red box turn green. You must do this 5 times and record your results in milliseconds. In the auditory, you will need to click your spacebar as fast as you can once you hear the bell sound on the orange window. You must also do this 5 times and record your results in millisecond. After you collect your results, you will import them in an errors bar and on a bar graph.

Results

| Visual | " Person 2 (time)" | " Person 2 (time)" | Auditory |
|------------|--------------------|--------------------|----------|
| | " 208" | " 426" | |
| | " 196" | " 398" | |
| | " 203" | " 373" | |
| | " 275" | " 421" | |
| | " 215" | " 411" | |
| | " 177" | " 416" | |
| | " 259" | " 488" | |
| | " 184" | " 397" | |
| | " 225" | " 434" | |
| | " 205" | " 480" | |
| " average" | " 214.7" | " 424.4" | |
| stdev | 31.080719 | 35.873853 | |
| | | | |



Discussion

This was a challenging test. Our results were determined by how quick an organism responds to some sort of stimulus that being visual and auditory. Studies show that in humans 0.25 seconds to visual stimulus, 0.17 seconds for an audio stimulus is your reaction time.

Conclusion

In conclusion, practice does not make perfect, the more you try to perfect your score you will either be quicker or slower in your reaction time.