

Lab Report 5

Visual and Audio Reactions

Purpose: The purpose of this experiment is to understand how we hear and see and understand the stimuli we experience. Also, understand the reaction time we see and hear each sound or visual stimuli.

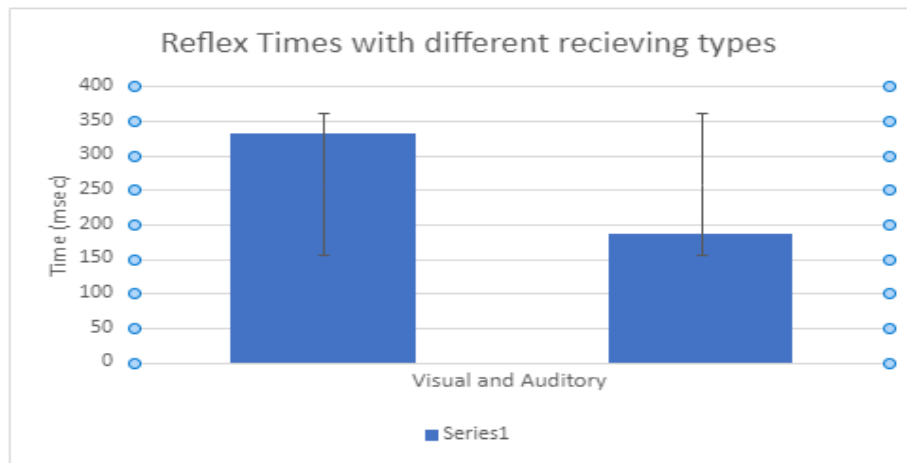
Procedure: We used two programs, one for Audio and the other for Visual tests, to see how fast we see the stimuli. First, I did the visual test, I had to press the space bar button once I would see the color change to green from red, then I documented the speed of each result up to 10 times. Secondly, I did the auditory test, I had to press the space bar when I would hear a sound, I then documented the speed at which I heard the sound. Then with the results I made a table with visual and auditory seconds per minute.

Results:

Lab 5 Data

	Visual Time	Auditory Time
	380	217
	376	195
	361	182
	275	177
	264	187
	381	155
	324	178
	337	216
	309	172
	306	177
average	331.3	185.6
stdev	43.00400498	19.26539788

p Value 1.26095E-08



Discussion: The graph above shows the difference between the speeds the reaction took place, showing that my auditory was a faster reaction stimulus. No issues when doing both tests, both programs were easy to use and easy to get results.

Conclusion: I could see that my auditory stimuli reacts faster than the visual stimuli. I believe it is because the auditory stimuli reach the cortex faster than the visual stimuli. Therefore, the visual stimuli react slower.