

Laboratory 5 – Electroencephalography & reaction time

Purpose

The purpose of this lab is to see the electrical activity of the brain. And how our bodies respond to sensory inputs in time.

Procedures

For this procedure it was done through the computer. You click on the link where you are tested on measuring visual reaction time. When the light turns green you click the spacebar. The next step is measuring auditory time it is similar steps as the vision but instead of seeing green screen you will hear a beeping noise and when you do you click the spacebar. Third step is you repeat both reaction times 10 times and collect the data. Once done construct a bar graph.

Results

My results for the reactions times was I was quicker on the auditory than the visual as shown in the graph below



Discussion

After analyzing this experiment, I did notice some short time delay on the visual reaction there was times where I was quick then take longer as I kept going to my attempts. And when I did the audio, I noticed I started getting a pattern and started getting quicker as I kept trying my attempts.

Conclusion

In conclusion not everyone has the same quickness of reflexes. Some people are quicker than other, and it might have to do with genes giving them a larger diameter axons and fast twitch skeletal muscle fibers.