

Katreese Pineda

Lab 6/7 Audiometry

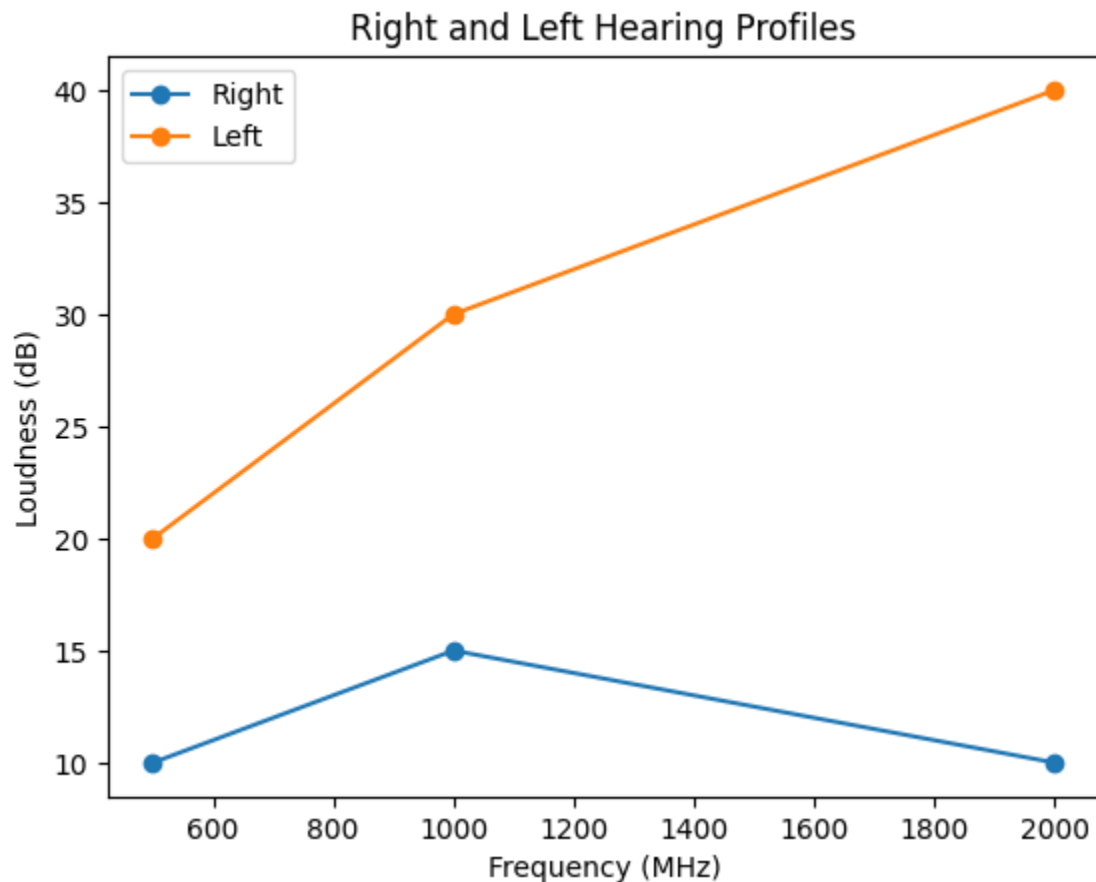
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### Audiometry Lab

**Purpose:** The purpose of this lab was to see the differences between humans and their ability to hear different frequencies at different decibels. Everyone hears things differently as one may hear a whistle from across the room and others may not. Using audiometry is usually used for physicals to see if an individual may have hearing loss and may need aid. In this lab me and my partner are to see our own results on how good our hearing may be.

**Procedure:** In a quiet room, my partner, Marissa, and I set up the audiometer. There would be codes for both sides of our ears, the right being red and the blue being left. When it was my turn Marissa would put it at 500 Hz and kept putting it up until I was able to hear the noises from my right ear. Then she went on with 1000 Hz and then 2000 Hz and did the same process where she would put it up until I heard the noise. The same process went on for my left ear and as well as when it was her turn to use the audiometer. We collected the data by putting it in dots on a graph given by the lab manual.

## Results:



**Discussion:** When it was my turn on the audiometer, it seemed like I didn't hear anything for a long while, I thought that Marissa wasn't even clicking on the buttons. Eventually I did hear something but the same happened with my left ear. I'm assuming I cannot hear at some decibels at all, but the higher the frequency got the easier it was to hear. When it was Marissa's turn it seemed as if she could hear at even the lowest frequency and decibels. It was fascinating to see how sensitive our hearing can be and the differences in results between her and I.

**Conclusion:** The experiment I felt was a fun one because doing these at the doctors was always my favorite during physicals as a child. Learning how to use the machine was also great practice since I am going to school for nursing. Overall the experiment was quite easy and fun and a great learning point to understand how our phonoreceptors work and adapt to hearing different frequencies.