

## Request #: 626 - COMD - Dissertation

The Effects of Softband Bone Conduction Hearing Aids on Children's Audibility of Speech

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### **Background**

Hearing aids require a prescription much like glasses. Bone conduction hearing aids are a type of hearing aid and sometimes the only available method to access sound necessary for language for a child.

There are no set prescription for bone conduction hearing aids for children. My research is showing the difference between in-situ and bc thresholds which are used for programming.

### **Sample**

I have collected insitu and bc thresholds for 10 children.

### **Hypothesis**

How are in-situ thresholds different from bc thresholds with softband bone conduction hearing aids?

Hypothesis: in-situ thresholds are much lower than bc thresholds which will ultimately affect programming of the hearing aids.

### **Progress**

I have collected all the data, aggregated it, and am now trying to do a series of box {&} whisker plots on a graph

### **Request**

help with SPSS: I keep trying to do the statistical analyses but I am struggling with the software.

### **Timeline**

December 16 is the deadline