

# My Final Project Report

Gohar Mihranian

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# **1 Abstract**

In this section we will discuss the background information surrounding cardiomyopathy research on the pig models and give background on how it is done.

## 2 Introduction

In this section, we will discuss the different types of interventions done on the pig models and what the expected outcomes are from each. Then we will discuss IScalDyn and how we use it to extract the ARI, and explain what ARI is and what it tells us.

### **3 Methods**

In the methods section we will discuss how we go about these procedures in a humane way and how we sacrifice the animals humanely.

## 4 Discussion

We will talk about the research and why it was easier for us to write the code to do it for us rather than use that excel worksheet.

## 5 Conclusion

## 6 Figures

Figure 1: RSGS 8Hz Stimulation

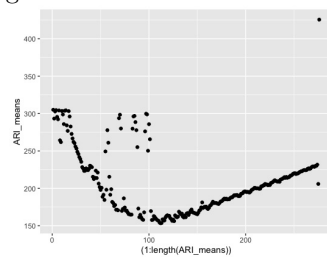
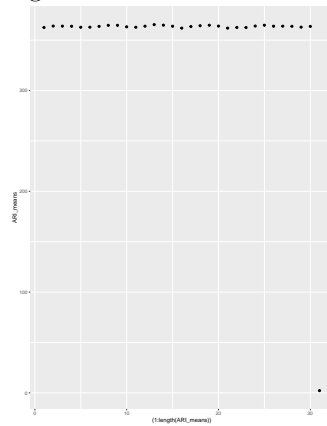


Figure 2: Baseline Recording





## 7 Bibliography

We will use Dr. Ajijola's published papers as resources.