

# LAMEQUE's Plan

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## 1. Data and software outputs

### 1.1 The data and software outputs your research will generate?

MATLAB, R, and Python

### 1.2 When you intend to share your data and software?

After completing the research - February 10, 2025.

### 1.3 Where your data and software will be made available?

GitHub

### 1.4 How will your data and software will be accessible to others?

Using Digital Object Identifiers (DOI), also I will use my GitHub.

### 1.5 Are any limits to data and software sharing required?

There are no limits to data and software sharings in my research.

### 1.6 How datasets and software will be preserved?

All the data used in my research are available freely online. However, I will use my Google Cloud to store my data and software.

## 2. Research materials

### 2.1 What materials your research will produce and how these will be made available?

My research is a highly specialized topic therefore, the potential number of users is very restricted, and potential partners cannot be easily found. However, I will be open to sharing or distributing the materials to other researchers interested in my material.

## 3. Intellectual property

### 3.1 What IP your research will generate?

The topic is highly specialized therefore Copyright reserved.

### 3.2 How IP will be protected?

My research material will be freely available, however, copyrights will be reserved for transcription of partial or total publication of the paper.

### 3.3 How IP will be used to achieve health benefits?

The IP will enable collaborations between different entities (universities and other research institutions). The Copyright IP will help share knowledge and resources, which can accelerate the development of new health solutions on the topic.

## 4. Resources required

#### **4.1 People and skills**

The proposed project is intended to be a desktop study and does not require additional people and skills.

#### **4.2 Storage and computation**

A 60GB external storage disk will be required for this project's data storage. Matlab, R, and Python will be installed using a PC storage disk. Cloud storage will be necessary which is freely available, however, additional costs of maintenance can be required. No estimated cost can be advanced.

#### **4.3 Access**

Data is freely available, therefore no additional costs will be associated with data.

#### **4.4 Deposition and preservation of data, software and materials**

Matlab software is associated with my student account in UCT. No estimated cost can be advanced. R and Python are freely distributed.