Effective Tumor Classification Exploiting Volumetric Image Analysis

Ashley J. Robinson

Abstract—**This is what I gone done...**

Index Terms—

I. INTRODUCTION

THis research review covers the use of volumetric image analysis in medicine to accurately classify tumors.

The architecture in Figure I is a simplistic view of the system to be recommended. A chain of stages leads from raw data gathered from the patient to a diagnosis from a classification algorithm. A confidence block enables the medical practitioner to view the performance of the entire system. This is intended for
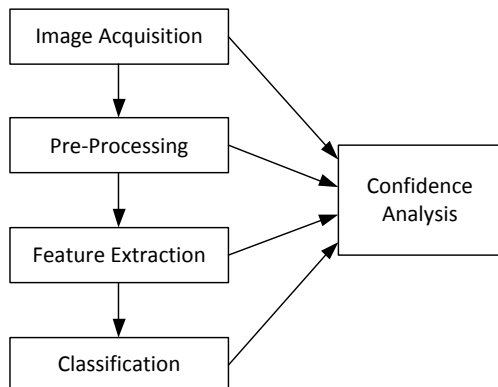

Fig. 1.   Proposed system architecture.

II. IMAGE ACQUISITION

There are many pieces of medical equipment capable of extracting volumetric images of the human using non-invasive techniques. Most use CT technology to build an image from 2D slices. Here I will

III. PRE-PROCESSING

This is how the image should be tidied before begin sent for processing.

IV. FEATURE EXTRACTION

The possible features which can extracted. The techniques used to extract the features. The importance of the features.

V. CLASSIFICATION

Which classifier would perform best on this task. Is processing heavy? Reliable?

VI. CONCLUSION

What was good and not good.