#### COMPUTATIONAL STATISTICS: TIME SERIES AND DATA MINING

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by

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Graduate Program in Epidemiology and Biostatistics

A thesis submitted in partial fulfillment of the requirements for the degree of Masters of Science

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# THE UNIVERSITY OF WESTERN ONTARIO School of Graduate and Postdoctoral Studies

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#### **Abstract**

This is a really silly abstract.

**Keywords:** Time series analysis, data mining

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## **Chapter 1**

### Introduction

#### 1.1 Background

The Breast Cancer type 1/2, usually referred as BRCA1/2, are proteins that consists of genes that code for BRCA1 in humans. BRCA1/2 are human tumor suppressor genes, that are responsible for repairing the DNA [1]. When the mutation exists on these genes may cause the impairments of proper functions, which can lead to the possibility of capturing the breast, ovarian, or other specific cancers [2, 3, 4]. Inheriting one of these mutations does not guarantee developing cancer disease, but the mutation may increase the risk of getting those cancers [5].

# Chapter 2

# **Theorems**

#### 2.1 Basic Theorems

**Theorem 2.1.1**  $e^{i\pi} = -1$ 

### **Bibliography**

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# **Appendix A**

# **Proofs of Theorems**

#### **Proof of Theorem 2.1.1**

$$e^{i\pi} = \cos(\pi) + i\sin(\pi) \tag{A.1}$$

$$= -1 \tag{A.2}$$

### **Curriculum Vitae**

Name: Jiaqi Bi

**Post-Secondary** La La School **Education and** La La Land **Degrees:** 1996 - 2000 M.A.

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