

134<sup>th</sup> Master's Thesis

Thesis Advisor : Advisor's name

**Title in English**

**February 2021**

**The Graduate School  
Chung-Ang University**

**Department of Statistics**

**Major in Statistics**

**Name in English**

**Title in English**

**Title in Korean**

**Presented to the Faculties of the Chung-Ang University in  
Partial Fulfillment of the Requirement of the Master's  
Degree**

**February 2021**

**The Graduate School  
Chung-Ang University**

**Department of Statistics**

**Major in Statistics**

**Name in English**

**Title in English**

by

**Name in English**

Department of Statistics  
Chung-Ang University

Date: \_\_\_\_\_  
Approved:

\_\_\_\_\_  
[Committee Chair's Name]

\_\_\_\_\_  
[Committee Member's Name]

\_\_\_\_\_  
[Committee Member's Name]

Thesis submitted in partial fulfillment of  
the requirements for the degree of Master's in the Department of Statistics  
in the Graduate School of  
Chung-Ang University

2021

# Contents

<b>List of Tables</b>	<b>ii</b>
<b>List of Figures</b>	<b>iii</b>
<b>1 Chapter 1</b>	<b>1</b>
1.1 Section 1 . . . . .	1
1.1.1 Subsection 1 . . . . .	1
1.1.2 Subsection 2 . . . . .	1
1.2 Section 2 . . . . .	1
<b>2 Chapter 2</b>	<b>2</b>
<b>3 Chapter 1</b>	<b>3</b>
3.1 Section 1 . . . . .	3
3.1.1 Subsection 1 . . . . .	3
3.1.2 Subsection 2 . . . . .	3
<b>References</b>	<b>4</b>

<b>Abstract</b>	<b>5</b>
-----------------	----------

<b>국문초록</b>	<b>6</b>
-------------	----------

# List of Tables

# **List of Figures**

# **1. Chapter 1**

## **1.1 Section 1**

### **1.1.1 Subsection 1**

### **1.1.2 Subsection 2**

## **1.2 Section 2**



## **2. Chapter 2**

## **3. Chapter 1**

### **3.1 Section 1**

#### **3.1.1 Subsection 1**

#### **3.1.2 Subsection 2**

# References

- James, G. M., Hastie, T. J., & Sugar, C. A. (2000). Principal component models for sparse functional data. *Biometrika*, **87**, 587-602.
- Ramsay, J. O., & Silverman, B. W. (2005) *Functional Data Analysis*, 2nd ed., Springer Series in Statistics, New York.
- Yao, F., Müller, H. G., & Wang, J. L. (2005). Functional data analysis for sparse longitudinal data. *Journal of the American Statistical Association*, **100**, 577-590.

# **Abstract**

## **Title in English**

Name in English

Major in Statistics

Department of Statistics

The Graduate School of Chung-Ang University

Abstract in English

---

Keywords: keyword1, keyword2, keyword3

# 국문초록

**Title in Korean**

한글이름

통계학과 통계학 전공

중앙대학교 대학원

국문초록

---

주요 용어: 키워드1, 키워드2, 키워드3