

2: Literature Review

3.1: Data Description &  
Experimental Setup

3.2: Arrhythmia Removal

3.3-3.4: Preprocessing &  
Feature Engineering

Chapter 4: Feature Space  
Exploration

Chapter 5: Statistical  
Analysis

Chapter 6: Drug Response  
Modeling, Relative Feature  
Analysis & PCIA

Chapter 6: Correlation  
Trend Analysis

Chapter 7: Modeling Drug-  
Induced Associations

Chapter 9: Discussion &  
Conclusion

Material & Methods

Data Analysis & Mining