**Taiwan Economic Journal Analysis**

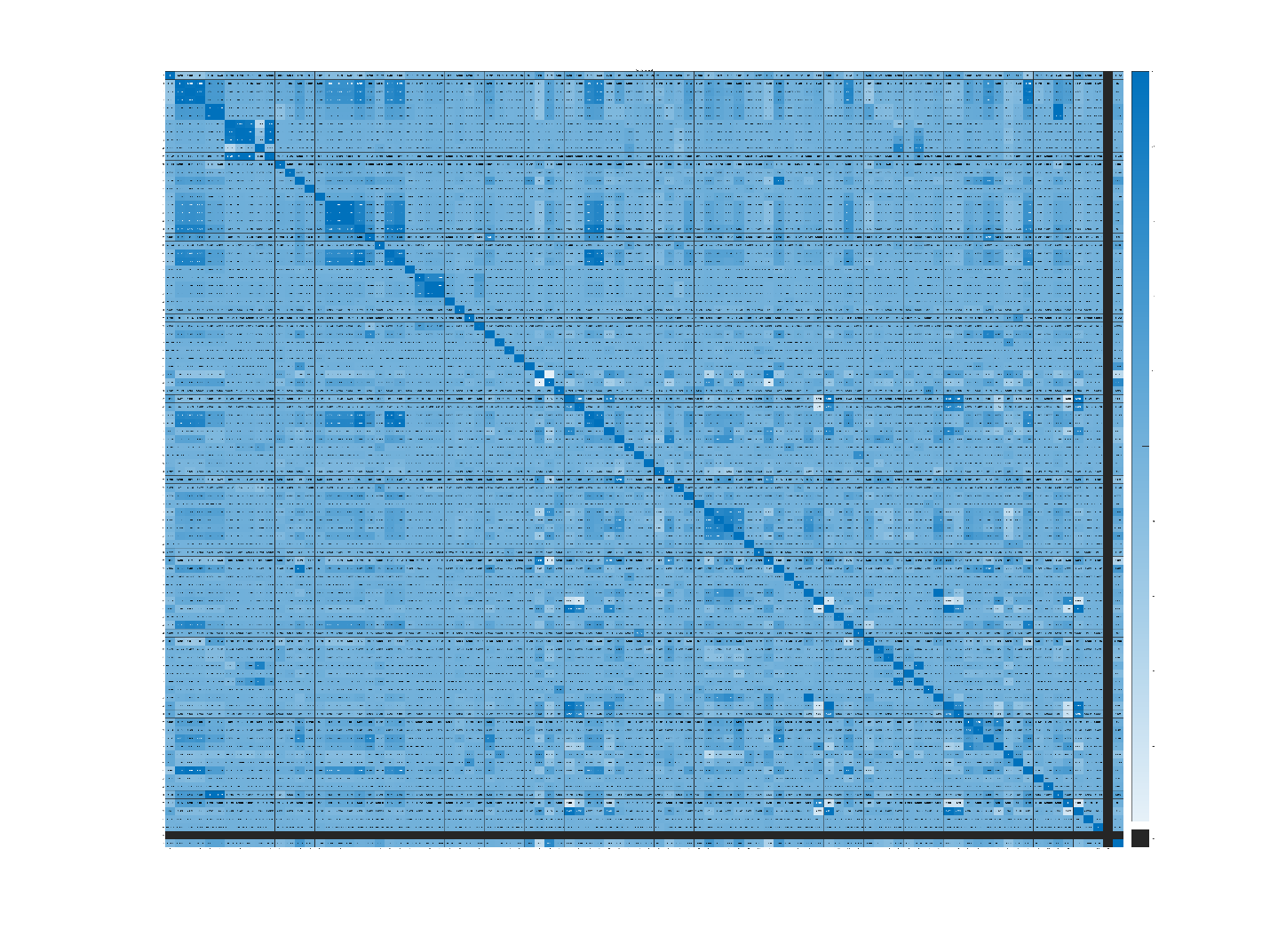
**1. Introduction**

The data was collected by the Taiwan Economic Journal for the years 1999 to 2009. The bankruptcy of the company was defined based on the corporate regulations of the Taiwan Stock Exchange.  
The goal is to be able to accurately predict the future bankruptcy of companies. The dataset contains 95 input and 1 output features. This is a classification task as it tries to predict whether the company will go into bankruptcy (label 1) or not (label 0), or the system is asked to specify which of the k categories an input belongs to.

**2. Methodologies**

**2.1. Covariance analysis**

Correlation analysis is a statistical technique used to measure the strength and direction of the linear relationship between two or more variables. It is commonly used to assess the association between two continuous variables. The correlation plot is as follows.



As the figure shows, 95th variable does not have any correlation with the dependent variable.

**2.2.**

**3. Main Findings**

**4. Conclusion**

**Appendix: Code**