

Contents

Preface	V
Brief Contents	VII
Contents.....	IX
List of Abbreviations.....	XI
Chapter 1.....	1
Introduction	1
Chapter 2.....	5
The Essentials of Credit Rating Assessment	5
2.1 Role of Credit Markets	6
2.2 Classification of Credit Risk.....	7
2.3 Factors of Credit Risk.....	11
2.4 Credit Risk Analysis	14
2.5 Obligor-Level Credit Risk	18
2.6 Issue-Specific Credit Risk	24
2.7 Fundamentals of Rating Assessment	32
2.8 Description of Credit Rating Process.....	37
2.9 Current Issues in Rating Industry	41
2.10 Chapter Summary	46
Chapter 3.....	47
Approaches for Credit Rating and Corporate Bankruptcy Modelling	47
3.1 Introduction and Research Background.....	47
3.2 Discriminant Analysis	54
3.3 Logistic Regression Analysis	62
3.4 Survival Analysis.....	74
3.5 Chapter Summary	90
Chapter 4.....	93
The Effect of Selected Factors on Rating and its Dynamics	93
4.1 Corporate Credit Rating Assessment Models.....	94

4.2	Modelling of Rating Downgrades Based on Multiple Failure-Time Data	109
4.3	Chapter Summary	118
Chapter 5.....		121
Relationship Between Rating and Corporate Bankruptcy Rates....		121
5.1	Association Between Rating and Corporate Defaults	122
5.2	Modelling of Corporate Survival Based on Kaplan-Meier Estimates.	126
5.3	The Relationship Between Bankruptcy Rates and Rating Assessment	133
5.4	Chapter Summary	139
Chapter 6.....		141
Survival Models with Categorical Variables.....		141
6.1	Application of the Cox Proportional Hazards Model	141
6.2	Parametric Models	147
6.3	Chapter Summary	152
Chapter 7.....		155
The Use of Financial Performance Indicators in Survival Analysis		155
7.1	Estimation of Survival Models	155
7.2	Cumulative Bankruptcy Rates and Ratings for Specific Parameters ..	167
7.3	Chapter Summary	173
Chapter 8.....		177
Conclusion		177
Appendix		181
List of Figures		205
List of Tables.....		207
References		211
Index		223