

Table of contents

Foreword	V
Preface	VII
Table of contents.....	IX
List of figures	XIV
List of tables	XV
List of abbreviations.....	XVII
Zusammenfassung.....	XX
1 Introduction.....	1
1.1 Motivation.....	1
1.1.1 Example of the Freudenberg Group	3
1.1.2 Discussion in the media.....	4
1.2 Research goals	6
1.3 Structure of the dissertation.....	6
2 Family firms	9
2.1 Definition of a family firm	9
2.1.1 Background information.....	9
2.1.2 Definitions used in this thesis	15
2.2 Family influence.....	19
2.3 Theories about family firms	21
2.3.1 Agency theory	21
2.3.2 Stewardship theory.....	36
3 Long-term orientation of firms	42
3.1 Key terms.....	42
3.1.1 Intertemporal choice	42
3.1.2 Short-termism, myopia, and long-term orientation.....	43
3.2 Dimensions of long-term orientation	44

3.3 Long-term orientation in family firms: a discussion.....	46
3.3.1 Management practices.....	46
3.3.2 Managerial opportunism.....	47
3.3.3 Executive compensation	48
3.3.4 Information asymmetry and signaling	49
3.3.5 Impatient capital, stock market myopia.....	50
3.3.6 Further explanations from family business theory.....	51
3.3.7 Summary of the discussion	53
3.4 Research questions	54
4 Data and method.....	58
4.1 Construction of the dataset	58
4.2 Descriptive analysis of the dataset	60
4.2.1 Types of family firms and dimensions of family influence	60
4.2.2 Characteristics of firms	62
4.2.3 Governance and CEO characteristics	64
4.2.4 Industry classification	66
4.3 Method: Bayesian analysis.....	68
4.3.1 Introduction to Bayesian analysis	68
4.3.2 Differences between Bayesian and classical analysis.....	69
4.3.3 Motivation to use Bayesian methods	72
4.3.4 Description of the Bayesian model estimated.....	74
5 Performance of family firms.....	76
5.1 Literature review.....	76
5.2 Family firms versus non-family firms	77
5.2.1 Univariate analysis	78
5.2.2 Multivariate analysis.....	81
5.3 Impact of family management and family ownership	89
5.4 Summary and conclusions	92
6 Family firms and R&D spending	94
6.1 Introduction	94
6.1.1 R&D spending, innovation, and long-term orientation	94
6.1.2 What does R&D spending measure?	96
6.1.3 Studies using R&D expenditures as a proxy to measure long-term orientation.....	97
6.2 Theory and hypotheses.....	98
6.2.1 Impact of family ownership on R&D spending	98
6.2.2 Impact of family management on R&D spending	100
6.2.3 Impact of family firm age on R&D spending	102
6.3 Data.....	103
6.3.1 Sample.....	103
6.3.2 Measures	106

6.4 Results	107
6.4.1 Univariate analysis	107
6.4.2 Multivariate analysis.....	109
6.5 Discussion.....	126
6.5.1 Implications for theory	126
6.5.2 Implications for practice.....	130
6.6 Summary and conclusions	131
7 Family firms and employment downsizing	133
7.1 Introduction	133
7.2 Family firms and their employees: a literature review.....	135
7.3 Theory and hypotheses.....	136
7.3.1 Family management and its influence on downsizing	136
7.3.2 Family ownership and its influence on downsizing	138
7.4 Data.....	139
7.4.1 Sample.....	139
7.4.2 Measures.....	139
7.5 Results	140
7.5.1 Univariate analysis	140
7.5.2 Multivariate analysis.....	144
7.6 Discussion.....	150
7.6.1 Implications for theory	150
7.6.2 Implications for practice.....	151
7.7 Summary and conclusions	152
8 Family firms and executive pay.....	154
8.1 Introduction	154
8.2 Related literature	156
8.3 Data.....	157
8.3.1 Sample.....	157
8.3.2 Measures.....	158
8.3.3 Regression models	158
8.4 Results	159
8.4.1 Descriptive statistics and univariate analysis.....	159
8.4.2 Multivariate analysis – full sample	164
8.4.3 Multivariate analysis – only non-family CEOs.....	171
8.5 Discussion.....	172
8.5.1 Implications for theory	172
8.5.2 Implications for practice	173
8.6 Summary and conclusions	174

9 Executive pay in family firms: a principal-agent model.....	176
9.1 Introduction	176
9.2 Literature review.....	178
9.2.1 Non-family executives in family firms	178
9.2.2 Executive pay in family firms.....	179
9.2.3 Principal-agent models on executive pay	180
9.2.4 Principal-agent models on managerial myopia	181
9.3 The model.....	181
9.4 Analysis.....	186
9.4.1 General compensation rules	187
9.4.2 Compensation of a non-family executive	190
9.4.3 Family versus non-family executives	191
9.5 Discussion.....	193
9.5.1 Implications for theory: avenues for further empirical research	193
9.5.2 Implications for practice: some guidelines for family business owners.....	195
9.6 Summary and conclusions	196
10 Summary, implications, and outlook.....	197
10.1 Summary.....	197
10.2 Limitations	200
10.3 Implications.....	200
10.3.1 Theoretical implications	200
10.3.2 Practical implications.....	204
10.4 Directions for further research.....	206
Bibliography.....	209
Appendix	237
List of firms in the dataset	237
List of variables.....	238
Matlab™ code for Bayesian random-effects model.....	247
Correlation table	250