# Contents

**List of Figures** iii  
**List of Tables** vii  
**Thesis Publications** 1

1 Introduction 4  
1.1 Open Source Social Media Intelligence 8  
1.2 Thesis Contributions 11  
1.3 Organization of Thesis 16  

2 Mining Twitter to Extract Information on Public Complaints 18  
2.1 Introduction 18  
2.2 Related Work 20  
2.3 Research Contributions 22  
2.4 Micropost Enrichment Algorithm 23  
2.5 Experimental Setup 27  
2.6 Proposed Solution Approach 33  
2.7 Empirical Analysis and Evaluation Results 46  
2.8 Conclusions and Future Work 53  

3 Investigating the Dynamics of Religious Conflicts on Social Media 54  
3.1 Introduction 54  
3.2 Research Contributions 57  
3.3 Experimental Setup 57  
3.4 Dimensions of Conflicts 61  
3.5 Constructing Feature Vectors 63  
3.6 Proposed Solution Approach 69  
3.7 Empirical Analysis and Evaluation Results 69  
3.8 Conclusions and Future Work 72  

4 Detecting Extremist Content, Users and Hidden Communities on Social Media 73