



Table of Contents

INTISARI.....	vi
ABSTRACT.....	vii
ACKNOWLEDGMENT.....	viii
Table of Contents.....	ix
List of Figures	xi
List of Tables	xii
CHAPTER I INTRODUCTION	1
1.1 Background	1
1.2 Problem Statements	2
1.3 Outline Chapters	2
1.4 Research Limitations	2
CHAPTER II LITERATURE REVIEW	4
2.1 Previous work.....	4
2.2 Altman Financial Ratio	5
2.3 Beneish M-Score	7
2.4 Ensembles of Classifiers	8
2.5 Stacking Ensemble Learning.....	9
2.6 Logistic Regression.....	10
2.7 K-Nearest Neighbours.....	11
2.8 Suppor Vector Machine	12
2.9 Bagging Tree.....	14
2.10 Naïve Bayes	15
2.11 Linear Discriminant Analysis	15
CHAPTER III RESARCH METHODOLOGY	17
3.1 Experiment Architecture.....	17
3.2 Raw Experiment Dataset.....	17
3.3 Data Pre-processing	19
3.3.1 Defining Crisis and Normal Company	20
3.3.2 Matching Method	21
3.4 Experiment Design	22
3.5 Model Building	24
3.6 Evaluation Metrics	25
3.7 Result Overview	26
3.7.1 DET Curve.....	26
3.7.2 Wilcoxon Test.....	27



FINANCIAL DISTRESS PREDICTION BASED ON ALTMAN RATIO AND BENEISH M-SCORE WITH STACKING ENSEMBLE

MUHAMMAD FADHLIL H, De-Ron Liang;Tri Kuntoro Priyambodo;Azhari

Universitas Gadjah Mada, 2022 | Diunduh dari <http://etd.repository.ugm.ac.id/>

UNIVERSITAS
GADJAH MADA

3.8 Experiment Settings	28
CHAPTER IV EXPERIMENT RESULT AND ANALYSIS.....	29
4.1 Base Classifier Selection.....	29
4.2 Baseline Model vs Proposed Model.....	34
4.3 Impact analysis of M-Score on Prediction Model.....	36
CHAPTER V CONCLUSION AND FUTURE WORK	39
5.1 Conclusion.....	39
5.2 Future Work	39
Bibliographies.....	40
Appendix A.....	43