

**LIST OF CONTENTS**

THE IMPACT OF COOPERATIVE LEARNING TO IMPROVE THE LEARNING OUTCOME IN ENGLISH TEACHING: A META-ANALYSIS ..... i

MENTOR CONSENT PAGE ..... ii

ENDORSEMENT PAGE ..... ii

ABSTRAK ..... v

ABSTRACT ..... vi

MOTTO ..... vii

DEDICATION PAGE ..... viii

ACKNOWLEDGEMENT ..... x

ARABIC-LATIN TRANSLITERATION GUIDELINES ..... xi

PREFACE ..... xiii

LIST OF CONTENTS ..... xiv

LIST OF TABLE ..... xvii

LIST OF FIGURE ..... xviii

CHAPTER I ..... 1

INTRODUCTION ..... 1

    A. Research Background ..... 1

    B. Research Questions ..... 4

    C. Research Objectives ..... 4

    D. Research Significances ..... 4

    E. Definition of Key Terms ..... 5

    F. The Organization of Thesis ..... 6

CHAPTER II ..... 8

REVIEW OF RELATED LITERATURE ..... 8

    A. Theoretical Description ..... 8

        1. Cooperative Learning ..... 8

        2. Learning-outcome ..... 13

        3. English-teaching ..... 15

        4. Meta-analysis ..... 16

    B. Theoretical Framework ..... 19

    C. Review of Previous Study ..... 20

    D. Hypothesis ..... 23

CHAPTER III ..... 25

    A. Research method ..... 25

    B. Populations and Sample ..... 25

    C. Research Subject ..... 26

    D. Instruments and Data Collection Techniques ..... 27

    E. Data Analysis Technique ..... 28

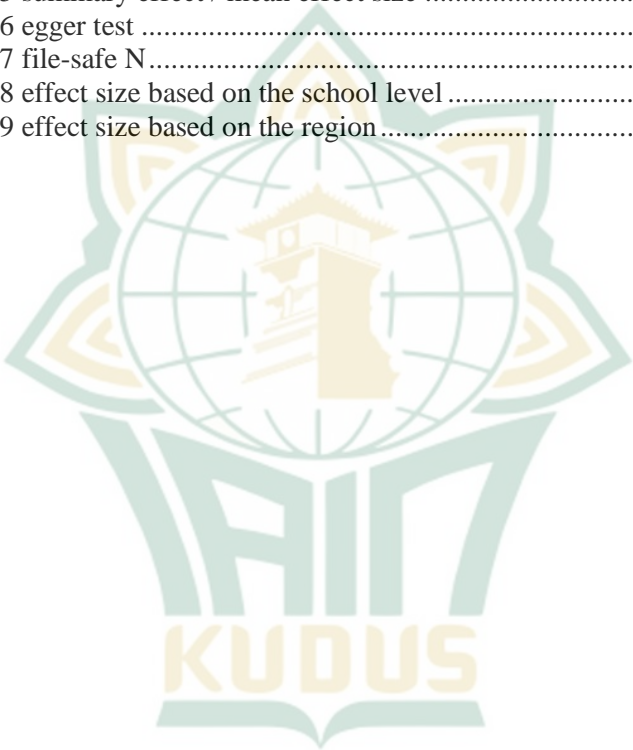
    F. Research Ethical Consideration ..... 31

CHAPTER IV ..... 32  
FINDINGS AND DISCUSSION..... 32  
    A. Data Description ..... 32  
    B. Research Result..... 36  
    C. Discussion ..... 42  
CHAPTER V ..... 51  
CONCLUSION AND RECOMMENDATION ..... 51  
    A. Conclusion ..... 51  
    B. Recommendations ..... 51  
BIBLIOGRAPHY ..... 53  
APPENDICES..... 56



**LIST OF TABLE**

Table.2. 1 previous study ..... 24  
Table.4. 1 list of research and the data ..... 32  
Table.4. 2 category effect by Cohen ..... 36  
Table.4. 3 result of effect size, variance, and standard error of  
effect size ..... 36  
Table.4. 4 heterogeneity test..... 39  
Table.4. 5 summary effect / mean effect size ..... 39  
Table.4. 6 egger test ..... 41  
Table.4. 7 file-safe N..... 42  
Table.4. 8 effect size based on the school level ..... 46  
Table.4. 9 effect size based on the region ..... 49



**LIST OF FIGURE**

Figure.2. 1 theoretical framework ..... 25  
Figure.4. 1 forest plot ..... 40  
Figure.4. 2 funnel plot ..... 41  
Figure.4. 3 funnels plot elementary school ..... 47  
Figure.4. 4 funnels plot junior high school ..... 47  
Figure.4. 5 funnels plot senior high school ..... 48  
Figure.4. 6 funnels Plot College ..... 48  
Figure.4. 7 Funnels plot Asia ..... 49  
Figure.4. 8 funnels plot Africa..... 49

