

## TABLE OF CONTENT

COVER PAGE

TITLE PAGE

DECLARATION OF AUTHENTICITY OF FINAL PAPER AND UPLOAD AGREEMENT .....	ii
APPROVAL PAGE BY FINAL PAPER ADVISOR.....	iv
APPROVAL PAGE BY FINAL PAPER DEFENSE COMMITTEE .....	v
<i>ABSTRAK</i> .....	vii
PREFACE .....	viii
TABLE OF CONTENT .....	x
LIST OF FIGURES .....	xiv
LIST OF TABLES .....	xv
LIST OF APPENDICES .....	xvi
CHAPTER I .....	1
INTRODUCTION .....	1
1.1 Background of Study.....	1
1.2 Problem Limitation.....	9
1.3 Problem Formulation.....	9
1.4 Objective of the Research.....	10
1.5 Benefit of the Research .....	11
1.5.1 Theoretical Benefit .....	11
1.5.2 Practical Benefit.....	11
CHAPTER II.....	13
LITERATURE REVIEW AND HYPOTHESIS DEVELOPMENT .....	13
2.1 Theoretical Background .....	13
2.1.1 Agency Theory .....	13
2.1.2 Definition of Tax .....	14
2.1.3 Tax Planning.....	15
2.1.4 Tax Avoidance.....	16
2.1.4.1 Definition of Tax Avoidance .....	16
2.1.4.2 Calculation of Tax Avoidance .....	17

2.1.5 Sales Growth.....	17
2.1.5.1 Definition of Sales Growth .....	17
2.1.5.2 Calculation of Sales Growth .....	18
2.1.6 Capital Intensity.....	19
2.1.6.1 Definition of Capital Intensity .....	19
2.1.6.2 Calculation of Capital Intensity .....	19
2.1.7 Firm Size.....	20
2.1.7.1 Definition of Firm Size .....	20
2.1.7.2 Calculation of Firm Size .....	20
2.2 Previous Research .....	21
2.3 Hypothesis Development .....	27
2.3.1 Sales Growth and Tax Avoidance .....	27
2.3.2 Capital Intensity and Tax Avoidance.....	28
2.3.3 Firm Size and Tax Avoidance .....	29
2.3.4 Sales Growth, Capital Intensity, Firm Size, and Tax Avoidance .....	30
2.4 Research Model.....	30
2.5 Framework of Thinking.....	32
<b>CHAPTER III .....</b>	<b>33</b>
<b>RESEARCH METHODOLOGY .....</b>	<b>33</b>
3.1 Research Design .....	33
3.2 Population and Sample .....	34
3.2.1 Population .....	34
3.2.2 Sample .....	34
3.3 Data Collection Method .....	35
3.4 Operational Variable Definition and Variable Measurement.....	35
3.4.1 Dependent Variable (Y).....	35
3.4.2 Independent Variable (X) .....	36
3.4.2.1 Sales Growth (X1).....	36
3.4.2.2 Capital Intensity (X2).....	36
3.4.2.3 Firm Size (X3).....	37
3.5 Data Analysis Method .....	37
3.5.1 Descriptive Statistics Analysis.....	37

3.5.2 Classic Assumption Test.....	38
3.5.2.1 Normality Test .....	38
3.5.2.2 Multicollinearity Test.....	39
3.5.2.3 Autocorrelation Test.....	40
3.5.2.4 Heteroscedasticity Test .....	41
3.5.3 Muliple Linear Regression Analysis.....	42
3.5.4 Hypothesis Test.....	43
3.5.4.1 Partial Significance Test (t-test).....	43
3.5.4.2 Simultaneous Significance Test (F-test) .....	43
3.5.4.3 Coefficient of Determination (R <sup>2</sup> test) .....	44
CHAPTER IV .....	45
RESEARCH RESULT AND DISCUSSION .....	45
4.1 General Description of Property and Real Estate Companies.....	45
4.2 Data Analysis .....	54
4.2.1 Descriptive Statistics.....	54
4.2.2 Result of Data Quality Testing .....	56
4.2.2.1 Normality Test .....	56
4.2.2.2 Multicollinearity Test.....	60
4.2.2.3 Autocorrelation Test.....	61
4.2.2.4 Heteroscedasticity Test .....	64
4.2.2.5 Summary of Classical Assumption Test Result.....	66
4.2.3 Multiple Linear Regression Analysis .....	66
4.2.4 Results of Hypothesis Testing .....	68
4.2.4.1 Partial T-Test.....	68
4.2.4.2 Simultaneous F-Test .....	69
4.2.4.3 Coefficient of Determination (R <sup>2</sup> ).....	70
4.3 Discussion .....	70
4.3.1 The Effect of Sales Growth towards Tax Avoidance .....	70
4.3.2 The Effect of Capital Intensity towards Tax Avoidance .....	72
4.3.3 The Effect of Firm Size towards Tax Avoidance .....	73
4.3.4 The Effect of Sales Growth, Capital Intensity, and Firm Size toward Tax Avoidance.....	74

CHAPTER V.....	76
CONCLUSION .....	76
5.1 Conclusion.....	76
5.2 Recommendation .....	77
REFERENCES.....	79



## **LIST OF FIGURES**

Figure 2.1 Research Model .....	31
Figure 2.2 Framework of Thinking .....	32
Figure 4. 1 Normality Test using Histogram .....	59
Figure 4. 2 Normality Test using PPlot.....	59
Figure 4. 3 Heteroscedasticity Test using Scatterplot Graph .....	64



## LIST OF TABLES

Table 1.1 Target and Realization of Tax Revenues in the year 2017 to 2020 (in Trillion Rupiah).....	2
Table 1.2 Sales Growth, Capital Intensity, Firm Size, and Tax Avoidance in Year 2017-2019 .....	5
Table 2.1 Summary of Previous Research .....	26
Table 3.1 Definition of Operational and Measurement of Variables.....	37
Table 3.2 Durbin-Watson Interpreting Table.....	40
Table 4. 1 Sampling Criteria .....	46
Table 4. 2 Descriptive Statistics.....	55
Table 4. 3 Normality Test using Kolmogorov-Smirnov before Transformation .....	57
Table 4. 4 Normality Test using Kolmogorov-Smirnov Test after Transformation .....	57
Table 4. 5 Multicollinearity Test.....	60
Table 4. 6 Autocorrelation Test using Durbin-Watson Test.....	61
Table 4. 7 Autocorrelation Test using Run Test .....	62
Table 4. 8 Autocorrelation Test using Durbin-Watson Test with Cochrane Orcutt .....	62
Table 4. 9 Autocorrelation Test using Run Test Test with Cochrane Orcutt.....	63
Table 4. 10 Heteroscedasticity Test using Spearman's rho Test.....	65
Table 4. 11 Summary of Classical Assumption Test Results .....	66
Table 4. 12 Multiple Linear Regression Analysis.....	66
Table 4. 13 Result of Partial T-Test.....	68
Table 4. 14 Result of Simultaneous F-Test.....	69
Table 4. 15 Result of Coefficient of Determination (R <sup>2</sup> ) .....	70
Table 4. 16 Summarize of the Hypothesis Results .....	75

## **LIST OF APPENDICES**

APPENDIX A: LIST OF POPULATION AND SAMPLE OF PROPERTY AND REAL ESTATE COMPANIES LISTED ON INDONESIA STOCK EXCHANGE	A-1
APPENDIX B : CALCULATION OF EFFECTIVE TAX RATE.....	B-1
APPENDIX C :CALCULATION OF SALES GROWTH.....	C-1
APPENDIX D: CALCULATION OF CAPITAL INTENSITY.....	D-1
APPENDIX E: CALCULATION OF FIRM SIZE.....	E-1
APPENDIX F: DURBIN-WATSON TABLE .....	F-1