

Table of Contents

Abstract	3
Intisari	4
1.0. Introduction	5
2.0. Literature Review	10
2.1 Hypotheses	15
3.0. Data and Methodology	17
3.1. Variable Explanation	17
3.2. Panel Unit Root Tests	21
3.2.1. LLC test	21
3.2.2. Im, Peseran, Shin Test (IPS)	22
3.2.3. Hadri Test	23
3.3. Panel Cointegration Tests	24
3.3.1. Panel DOLS and FMOLS estimation	25
3.4. Panel Causality Tests	26
4.0. Empirical Results	28
5.0. Conclusion	35
References	37
Data Sources	40