

TOHOKU UNIVERSITY



DOCTORAL THESIS

The Standard Model in Economics

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Declaration of Authorship

I, Tran Quang-Thanh, declare that this thesis titled, “The Standard Model in Economics” and the work presented in it are my own. I confirm that:

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- Where I have consulted the published work of others, this is always clearly attributed.
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- I have acknowledged all main sources of help.
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Acknowledgements

I would like to thank my supervisor...

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Abstract

Faculty of Economics
Graduate School of Economics and Management, Tohoku University

Doctor of Philosophy

The Standard Model in Economics

by Tran Quang-Thanh

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|------------|----------------------------------|
| GDP | Gross Domestic Product |
| GHO | Global Health Observatory |

Chapter 1

Introduction

1.1 Section 1

content A

1.1.1 Subsection 1

content A.1

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content A.2

Chapter 2

The Model

From Barro and Lee (2013), we know that the economic growth is heavily dependent on human capital, which in turns relies on the returns to education.

This has been proven to be true (Acemoglu and Johnson, 2007) where he shows that ...

Some other content...

Appendix A

Technical Appendix

A.1 Proof of Proposition 1

$$\begin{aligned} \max U_t &:= \ln(c_t) + \beta \ln(d_{t+1}) \\ \text{s.t. } c_t + \frac{d_{t+1}}{R_{t+1}} &= w_t \end{aligned}$$

References

- Acemoglu, Daron and Simon Johnson (2007). "Disease and development: the effect of life expectancy on economic growth". In: *Journal of political Economy* 115.6, pp. 925–985. URL: <https://economics.mit.edu/files/4478>.
- Barro, Robert J and Jong Wha Lee (2013). "A new data set of educational attainment in the world, 1950–2010". In: *Journal of development economics* 104, pp. 184–198.