

**博士論文審査結果報告**  
**Report on Ph.D. / Doctoral Dissertation Defence**

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審査委員会を代表し、以下のとおり審査結果を報告します。

On behalf of the Doctoral Thesis Review Committee, I would like to report the result of the Ph. D. / Doctoral Dissertation Defense as follows.

学位申請者氏名 Ph.D. Candidate	Mery Linda Kesuma		
学籍番号 ID Number	PHD12103		
プログラム名 Program	政策分析プログラム Policy Analysis Program		
審査委員会 Doctoral Thesis Review Committee	主査 Main referee	Jonna P. ESTUDILLO	主指導教員 Main advisor
	審査委員 Referee	Wie DAINN	副指導教員 Sub advisor
	審査委員 Referee	山内 慎子 Chikako YAMAUCHI	副指導教員 Sub advisor
	審査委員 Referee	KHOO Boo Teik	博士課程委員会委員長代理 Acting Chairperson of the Doctoral Programs Committee
	審査委員 Referee	鈴木 綾 Aya SUZUKI (東京大学大学院 国際協力学専攻)	外部審査員 Referee from outside institutions
論文タイトル Dissertation Title	Decentralization, Social Safety Net, and Strategies in Combating Maternal Mortality in Indonesia インドネシアにおける分権化と社会保障政策が母子保健に与える影響について		
学位名 Degree Title	博士 (開発経済学) / Ph.D. in Development Economics		
論文提出日 Submission Date of the Draft Dissertation	10 May, 2017	論文審査会開催日 Date of the Degree Committee Meeting	7 June, 2017
論文発表会開催日 Date of the Defense	7 June, 2017	論文最終版提出日 Submission Date of the Final Dissertation	17 August, 2017
審査結果 Result	合格 pass		

## 1. 論文要旨 **Thesis overview and summary of the presentation.**

This dissertation has two main chapters that explore how policy change (i.e., decentralization) and government interventions (i.e., social safety net (SSN) or health card) have affected the uptake of three important strategies in decreasing maternal deaths namely, family planning (FP), delivery care (in terms of facility-based child birth and utilization of skilled personnel), and antenatal care. The focus is Indonesia because it has one of the highest maternal mortality in Southeast Asia. The datasets are the Indonesian Demographic and Health Surveys in various years.

The first main chapter explores how government decentralization has affected the uptake of FP services and investigates the linkage between decentralization and the inequality in delivery care utilization between the eastern and the western region. The devolution of the Regional Family Planning Coordinating Board (BKKBD) has weakened the effectiveness of the two instruments of FP (FP fieldworker visits and FP information, education and communication (IEC)). Under the control of the local government, there was a reduction in both the number of FP fieldworkers and the intensity of FP IEC campaign, which reduced the effectiveness of the FP program. Tabular and regression analyses show an increase in inequality in the uptake of delivery care services between the eastern and the western region over the years with the east lagging behind the west particularly so after the decentralization.

The second main chapter investigates how SSN (health card program) has worked effectively to promote the two aspects of delivery care (facility-based delivery and utilization of skilled personnel during child birth) and antenatal care (ANC). Main results show that health card has a positive and significant impact on the utilization of both aspects of delivery care and such impacts tend to be the largest among women in the poorest category. Health card is also effective in promoting ANC utilization (i.e., at least 1 ANC and at least four ANC visit (FANC) and such impact is also strongest among the poorest women.

This study has a three-point recommendation as follows: (1) revitalization of the FP program through a synchronized effort between the central and the local government in handling the FP fieldworkers and the FP IEC campaign, (2) improving the health card program through a more inclusive national coverage particularly in the eastern region,

and finally (3) further strengthening the SSN by including both the user fees and transportation costs in the health card benefits.

#### Presentation

The student did an excellent job in presenting a rather long dissertation into a logical PPT series that is understandable to the audience. She answered the questions in an intelligent manner showing the depth of her knowledge on the topic.

## **2. 審查報告 Notes from the Doctoral Thesis Review Committee (including changes required to the thesis by the referees)**

The committee members all agree that the dissertation has a high level of originality and has a high scholarly value. Three members all agree that a sub-section of Chapter 2 on decentralization and family planning program could be published in a reasonable economic journal.

Important comments from each of the referees are as follows:

1. Prof. Khoo Boo Teik: (a) contribution of the study has to be highlighted, (b) writing style needs to be improved and English editing is necessary, and (c) discuss the political and economic difficulties in implementing the decentralization.
2. Prof. Yamauchi: (a) IVs are unlikely to satisfy the exclusion restriction, (b) error term should be clustered at the provincial level, (c) use reduced form specification in estimating the impact of decentralization on FP visit and FP IEC, (d) discuss the targeting criteria and performance of the health card and how it was distributed, (e) discuss how the variable “number of female civil servants” improves the targeting of health card, and (f) implications of the study do not conform with the statistical results.
3. Prof. Wie Dainn: (a) explain the consistency of data in different survey years, (b) provide detailed argument on whether or not the instrumental variables satisfy the relevance and exogeneity (exclusion restriction) conditions, (c) provide a more extensive literature review to explain the main results of the study, (d) need a re-run of the regression model by clustering errors at the provincial level

and by year, (e) discuss the magnitude and direction of impacts of focus variables and (f) need to shorten the abstract.

4. Prof. Suzuki: (a) the definition of decentralization should be made clear and should be consistent in the text and (b) include other constraints in maternal care such as culture and perceptions.

**3. 最終提出論文確認結果 Confirmation by the Main Referee that changes have been done to the satisfaction of the referees.**

Mery Linda revised the manuscript following all the comments from each of the committee member. She prepared “Answers to the Comments from the Committee Members” explaining how she incorporated the comments raised by the reviewers. The PA coordinator circulated the revised dissertation to all the committee members along with the point-by-point response to their suggestions. After the second review, all the committee members were satisfied on her responses to their comments and suggestions.

Yet Prof. Suzuki, Prof. Yamauchi, and Prof. Wie sent additional more comments even after the median score of “5” had been achieved. The second set of comments is mostly minor corrections. Mery Linda incorporated them again and the main adviser made sure that she satisfactorily did the second set of comments as well.

When the committee members cleared up Mery Linda, I then requested her to submit the real final draft to the GRIPS Academic Support Team.

**4. 最終審査結果 Final recommendation.**

We recommend that the degree of Ph.D. in Development Economics be awarded to Ms. Mery Linda Kesuma.