

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

政策研究大学院大学 非常勤講師（東京大学社会科学研究所教授）

田中 隆一

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	Nirmal Kumar Raut		
学籍番号 ID Number	PHD12101		
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	田中 隆一 Ryuichi TANAKA	主指導教員 Main advisor
	審査委員 Referee	レオンーゴンザレス, ロベルト Roberto LEON-GONZALEZ	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	諸星 穂積 Hozumi MOROHOSHI	博士課程委員会委員長代理 Acting Chairperson of the Doctoral Programs Committee
	審査委員 Referee	不破 信彦 Nobuhiko FUWA (東京大学公共政策大学院)	外部審査員 Referee from outside institutions
論文タイトル Dissertation Title	Essays on Migration, Conflict and Human Capital Development: Evidence from Nepal 移動、紛争および人的資本形成について：ネパールの事例		
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	平成 29(2017)年 5 月 15 日	論文審査会開催日 Date of the Degree Committee Meeting	平成 29(2017)年 6 月 12 日
論文発表会開催日 Date of the Defense	平成 29(2017)年 6 月 12 日	論文最終版提出日 Submission Date of the Final Dissertation	平成 29(2017)年 8 月 23 日
審査結果 Result	合格 pass		

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

This dissertation studies one of the most important questions in the economics: how social and economic environment affects human capital development. In particular, this dissertation examines empirically how parental migration, civil conflict, and health care policy affect investment decisions in health and education in the context of Nepal.

This consists of three main chapters. The first main chapter estimates the causal impact of parental absence and remittances on education of children left behind using data from the latest household survey from Nepal. The novelty of the chapter lies in the separate identification of parental absence and remittances with careful consideration of self-selection into migration and endogeneity of remittances. It shows that parental absence has substantial disruptive effect on educational investment of children while remittances has positive effect. Interestingly, the analysis reveals that non-parental absence has also negative effect on educational investment of children left behind in households, but the effect is much weaker than that in the case with parental absence.

The second main chapter investigates whether the civil conflict in Nepal (between Maoist and State forces during 1996 - 2006) inflicts disruption on individual health status and utilization of institutional health care. Utilizing the spatial variation of the intensity of civil conflict measured by the cumulative number of casualty at district level, this chapter shows improvement of health status and increase in health care utilization in the areas with high conflict intensity. This "surprising" positive effect is interpreted as a consequence of exposure to "good culture" brought by Maoist. It provides supportive evidence of this view showing that the improvement in quality of health services particularly by way of Maoist policing of health staffs' absenteeism (in health facility) in conflict-intense areas.

The third main chapter assesses the impact of free primary care policy implemented by the government of Nepal in 2008 on the utilization of health care facilities. In particular, it investigates whether the poor benefit from this policy. Using a difference-in-differences method to the data obtained from the second and the third rounds of Nepal Living Standard Surveys, it finds that the utilization of public care normally increases among individuals at lower end of endowment distribution and that the benefit from the policy is less effective for the poorest cohort as compared to the lower-middle income cohort.

Based on these findings, this dissertation provides several policy recommendations in the last chapter.

In the presentation, Mr. Raut first introduced the topic of the dissertation then went through the main findings of the three main research chapters. There followed questions and comments from the examiners.

2. 審査報告 Notes from the Doctoral Thesis Review Committee (including changes required to the thesis by the referees)

The referees were generally satisfied with the originality and contribution of the dissertation, but made a number of comments in order to improve it.

Professor Fuwa from University of Tokyo had read the dissertation very thoroughly and made a large number of helpful suggestions. The changes made by Mr. Raut as responses to Professor Fuwa's comments are as follows.

Professor Fuwa suggested that non-remittance income used as an excluded instrument should be excluded from the analysis of Chapter 2 because of its endogeneity. Mr. Raut replaced non-remittance income at household level with the geographic location at village level. He also excluded non-remittance income as an explanatory variable. The results are robust to these changes.

Professor Fuwa suggested to include all missing parents are categorized as missing parents irrespective of reasons in the analysis of Chapter 2. Mr. Raut re-estimated the model and found that the results are robust to inclusion of parents absent also for the reasons other than work such as death, missing and divorce. The results are reported in Section 2.7.

Professor Yamauchi also raised the similar question about the validity of non-remittance income as an excluded instrument, which is not used in the final version of the dissertation. Professor Yamauchi requested to compare the results of Chapter 2 to the results in the previous literature, Mr. Raut added sentences to explain the relationship between the current results and those in the previous literature.

Professor Leon-Gonzalez was satisfied with the current version of the dissertation.

Professor Morohoshi gave him a list of comments, most of which is related to typos, grammars and bibliography. Mr. Raut has incorporated all these comments in the final version of the dissertation.

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

Mr. Raut has revised his dissertation to incorporate the comments of the referees and has provided an explanation of the changes to me. As the main referee, I have checked all the changes made by him and found that these changes are appropriately made as response to all the comments from referees.

4. 最終審査結果 Final recommendation.

We recommend that the degree of Ph.D. in Development Economics be awarded to Mr. Raut.