# Hitotsubashi University Institute of Economic Research 一橋大学経済研究所 Spring 2020 VOL.003



- ✓ Statistical Issues / 統計問題について
- Asia-Pacific Industrial Organization Conference(APIOC) held at Hitotsubashi Hall / Asia Pacific Industrial Organization Conference (APIOC), 一橋講堂にて開催
- ✓ International Conference for the Philosophy of the Social Sciences- Human dignity and Well-being- held at Hitotsubashi University / 「国際コンファレンス 社会科学の哲学―人間の尊厳と福祉―」、一橋大学にて開催
- Kensuke Teshima, Associate Professor at the IER, is Awarded the Most Prestigious Economics Research Award in Mexico for His Paper "The Violent Consequences of Trade-Induced Worker Displacement In Mexico"
  - / "The Violent Consequences of Trade-Induced Worker Displacement in Mexico"で, Citibanamex経済学賞
- ✓ Professor Emeritus Osamu Saito is Awarded the Order of the Sacred Treasure, Gold Rays with Neck Ribbon / 斎藤修名誉教授が瑞宝中綬章を受章

My name is Toshi Watanabe. I was appointed Director of the Institute of Economic Research beginning in April 2019. The publication of "IER Spotlights" was well received after it was launched during the tenure of my predecessor, Director Oshio, and it continues with this, the third issue.

First of all, I would like to relate some good news. Prof. Emeritus Osamu Saito, who has contributed greatly over the years to the activities of the Institute, was awarded the Order of the Sacred Treasure, Gold Rays with Neck Ribbon in the autumn 2019 conferment of decorations in Japan. In addition, Prof. Kyoji Fukao was awarded the Larry Neal Prize (for the year's best article in Explorations in Economic History) by the Economic History Association for "Japan and the Great Divergence, 730-1874." Furthermore, Associate Professor Kensuke Teshima was awarded the Victor Urquidi Economics Prize (for best paper) for "International Competition and Innovative Activities at the Plant Level: Evidence from Mexico" and the Premio Citibanamex de Economia prize for "The Violent Consequences of Trade-Induced Worker Displacement In Mexico." The latter is the most

### Change of Director

#### 所長交代

prestigious award for economic papers in Mexico, presented annually to important papers analyzing the Mexican economy.

The Institute is building social and economic databases, a central part of which is the Asian long-term statistics project, which published Asian Historical Statistics 4: Korea (Toyo Keizai) this year. We also serve as a center for government statistics, and once again this year we conducted activities such as tailor-made collection of government statistics through the Program for Constructing Data Infrastructure for the Humanities and Social Sciences of the Japan Society for the Promotion of Science, which was adopted in 2018. In the area of government statistics, it was discovered that the figures in monthly labor statistics had been understated because they had not been collected using suitable methods. The Institute takes statistical issues such as these very seriously, and we issued practical advice on this issue, with Prof. Yukinobu Kitamura, who was appointed Chair of the Statistics Committee in November of this year, and Prof. Ryo Kambayashi playing central roles. The Institute also provided backup support for the symposium "Thinking About Issues in Official Statistics from a Scientific Perspective" held in November by the Science Council of Japan.

This year, Hitotsubashi University was certified as a designated national university by the Ministry of Education, Culture, Sports, Science and Technology of Japan. As a result, the Institute is expected to deliver an even higher degree of research results. Accordingly, all of us at the Institute intend to work together as we devote ourselves to research.

# Director's Choice!

Director Toshiaki Watanabe 所長 渡部敏明教授

令和元年(平成31年)4月から経済研究所長を拝命しました渡部です。どうぞよろしくお願いいたします。この"IER Spotlights"は小塩前所長の時に創刊され好評を博したので、引き継ぐことになりました。今回が第3号になります。

まずはおめでたい話題から。本研究所の活動にこれまで多大な貢献をされてきた斎藤修名誉教授が令和元年秋の叙勲で「瑞宝重光章」を受章されました。また、深尾京司教授が、"Japan and the Great Divergence, 730-1874"でEconomic History AssociationのLarry Neal Prize (Exploration in Economic Historyの年間ベスト論文賞)を受賞しました。さらに、手島健介准教授が、「メキシコにおける国際競争と技術革新」で2018年度Victor Urquidi 経済学賞(最優秀論文賞)、"The Violent Consequences of Trade-Induced Worker Displacement In Mexico"でPremio Citibanamex de Economiaを受賞しました。後者は、メキシコ国内で一番権威が高い経済学論文質でメキシコ経済を分析した重要論文を毎年表彰するものです。

本研究所では経済社会に関するデータベースの構築を行っており、その中心となるのがアジアの長期統計で、今年度は『アジア長期経済統計 4 韓国・北朝鮮』(東洋経済新報社)が出版されました。また、政府統計の窓口にもなっており、平成30年度に採択された日本学術振興会の「人文学・社会科学データインフラストラクチャー構築プログラム」を通じて、今年度も政府統計のオーダーメイド集計等を行いました。政府統計では「毎月勤労統計」が本来集計されるべき方法で集計されず、過小に報告されていたことが明らかになりましたが、こうした「統計問題」を本研究所では深刻に受け止めており、今年11月に統計委員会委員長に就任した北村行伸教授や神林龍教授を中心に積極的に発言しました。11月に開催された日本学術会議公開シンポジウム「公的統計問題を学術の視点から考える」も本研究所が後援をしました。

今年度,一橋大学は文部科学省から指定国立大学に認定されました。これによって,本研究所はより一層研究成果を出すことが求められています。そこで,今後も研究所一丸となって研究に励む所存です。



Lunch with prominent macroeconometrics researchers at a conference in Italy. The author is in the center. Also pictured (clockwise from the right of the author) are Mototsugu Shintani (University of Tokyo), Chang-Jin Kim (University of Washington), Marco Del Negro (Federal Reserve Bank), and Giorgio Primiceri (Northwestern University).

イタリアの学会でマクロ計量経済学の著名な研究者とのランチ。中央が筆者。筆者の右から時計回りに新谷元嗣氏 (東京大学), Chang-Jin Kim氏 (University of Washington), Marco Del Negro氏 (Federal Reserve Bank), Giorgio Primiceri氏 (Northwestern University)。

#### Feature Article 1

## Statistical Issues

統計問題について



the past, this was the first statistical issue ever on such a scale as to require fiscal measures in excess of 70 billion yen.

The lessons from this issue include the necessity of: (1) ensuring that those preparing statistics possess sufficient understanding of statistics and are conscious of the importance of their role in securing accurate statistics, (2) ensuring thoroughly that any cases in which those preparing statistics have discovered discrepancies are responded to appropriately, and (3) external verification through use of third-party statistics.

Today, the Japanese government advocates evidence-based policymaking (EBPM). The Institute of Economic Research of Hitotsubashi University has promoted secondary use of government microeconomic statistics and collected data and other materials regarding past government statistics. Our researchers will pay attention constantly to the accuracy of official statistics as they use them to identify evidence regarding various policies and to propose solutions based on such statistics to build a better economy and society.

Policies that have been drafted properly based on official statistics that were collected appropriately are a major precondition of the contemporary nation state. For example, a national population census not only provides information on subjects such as population and age distribution and vital statistics but also serves as basic data for identifying taxpayers and calculating social-security benefits. It also is used as a source of

information for the populations used in

various statistical surveys.

In December 2018, a statistical issue arose that shook such official statistics to their core. Put simply, it became clear that the figures in monthly labor statistics reported for the years 2004 through 2018 had been understated because they had not been collected using suitable methods. This led to the serious issue of a need to pay additional unemployment insurance benefits, since the benefit amounts calculated using wage data from these statistics were smaller than they should have been, and as a result the government's proposed budget had to be revised. While discrepancies and errors in statistical surveys had arisen in

Professor, Institute of Economic Research, Hitotsubashi University Chairperson of the Statistics Commission of the Ministry of Internal Affairs and Communications Yukinobu Kitamura

一橋大学経済研究所 教授 統計委員会 委員長 北村行伸

公的統計が適切に集められており、それに基づいて適切な政策立案がなされているということが現代国家の大前提です。例えば、国勢調査を行うことで、人口分布や年齢分布、人口動態がわかるだけでなく、納税者の把握や社会保障給付の計算の基礎資料ともなります。さらに、様々な統計調査の母集団情報として使われています。

2018年12月に、この公的統計の根幹を揺るがすような、統計問題が発生しました。簡単に言えば、2004年から2018年にかけての「毎月勤労統計」の数字が、本来集計されるべき方法で集計されず、過小に報告されていたことが明らかになりました。問題が大きくなったのは、この統計の賃金データを用いて、失業保険の給付額が計算されていたために、これまでの給付額が、本来支払われるべき額より過小であったがために、追加給付の必要がでてきたこと、そして、そのために、政府予算案を修正する必要がでてきたからです。これまでも、統計調査上の不備や誤りはありましたが、700億円を超える財政措置が必要になるような統計問題というのは前代未聞でした。

この問題から得られた教訓は、(1)統計作成者 の統計への十分な理解と統計精度を確保するた めの統計作成者の自覚、(2)統計作成者が不備 を発見した場合の適切な対応の徹底、(3)第3者 の統計利用による外部からの検証の必要性、など でしょうか。政府には、統計精度の確保と信頼性の 回復を図っていただきたいと思います。

現在,政府はエビデンスに基づく政策形成 (EBPM)を標榜しています。一橋大学経済研究所では,政府ミクロ統計の2次利用の促進,そして過去の政府統計に関するデータや資料の蓄積を行ってきました。我々研究者は、その公的統計を利用することで、様々な政策に関するエビデンスを見つけ、それを基により良い経済社会の建設のために提言を行うと同時に、公的統計の精度に対して不断の注意を払っていきたいと思います。

# Asia-Pacific Industrial Organization Conference (APIOC) held at Hitotsubashi Hall

Asia-Pacific Industrial Organization Conference (APIOC), ー橋議堂にて開催

The APIOC was held jointly by Hitotsubashi University and the University of Tokyo at Hitotsubashi Hall on December 12-14, 2019. APIOC is an industrial organization conference that has been held three times through now, in Australia and New Zealand. With this conference held in Tokyo, it has nearly doubled in size from last year to grow into a true international conference worthy of the name "Asia-Pacific," with 104 papers presented and more than 150 participants. Starting with an opening message from President Tadenuma and coordinated based on a spirit of Japanese hospitality by a team centered on the Institute's Secretarial Office, it served as an excellent opportunity to promote the University's presence to the world.





★ From the left; Hodaka Morita (IER), Mark Armstrong (Oxford University) 左から森田穂高教授(一橋大学経済研究所)、 マーク アームストロング教授(オックスフォード大学)

APIOCが一橋大学と東京大学の共催で2019年12月12日から14日まで一橋講堂で開催されました。APIOCはこれまでオーストラリアとニュージーランドで3回行われた産業組織論の学会ですが、今回の東京大会では、論文報告が104本、参加者は150人を超え、昨年の2倍に近い規模となり、「アジア・パシフィック」と称するに相応しい国際学会に成長させることができました。蓼沼学長のご挨拶に始まり、当研究所秘書室を中心とする「おもてなし」満載の学会コーディネーションにより、本学の存在を世界にアピールするよい機会となりました。

★ From the left; Jay Pil Choi (Chair of APIOS, Michigan State University), Hiroshi Ohashi (The University of Tokyo), Leslie Marx (Duke University) 左からジェイ・ピル・チョイ教授 (APIOS会長、ミシガン州立大学)、大橋弘教授 (東京大学)、レスリー・マルクス教授 (デューク大学)

#### Feature Article 3

# International Conference for the Philosophy of the Social Sciences- Human dignity and Well-beingheld at Hitotsubashi University

「国際コンファレンス 社会科学の哲学─人間の尊厳と福祉─」, 一橋大学にて開催

A conference intended to link philosophy and applied ethics in the social sciences was held as a joint project of the Hitotsubashi Institute for Advanced Study, the Graduate School of Social Sciences, and the Research Center for Normative Economics of the IER. An impressive element of this event was the opportunity to know leaders, who normally utilize mathematical models, let down their guard to explore fundamental issues such as human rights, human dignity, and peace together with phi-

losophers. As numerous historical issues that should be addressed by the humanities and social sciences in light of recent rapid progress in science and technology were brought into relief. In addition, since many of its participants had strong ties to Prof. Kotaro Suzumura, an advisor to the Research Center for Normative Economics, the event also served as an opportunity to recall Prof. Suzumura as a person and a scholar and to share aspirations for the future.

一橋大学の社会科学高等研究院と社会学研究科 そして経済研究所規範経済学研究センターが連携し て、社会科学の哲学と応用倫理学のいま、をむすぶ企 画をもちました。普段は、数理モデルを駆使するリーダー たちが、この日ばかりは、武装解除しながら、哲学者とと もに、人権や人間の尊厳、平和など根源的な問題を掘 り下げる姿が印象的でした。科学技術のめざましい進 歩のもとで、人文学・社会科学が担うべき歴史的課題 が浮き彫りにされました。また、参加者の多くが、規範経 済学研究センターの顧問であった鈴村興太郎先生と 縁が深かったこともあり、先生のお人柄と学問を偲び、 今後の抱負を共にする会ともなりました。

#### Feature Article 4

Kensuke Teshima, Associate Professor at the IER, is Awarded the Most Prestigious Economics Research Award in Mexico for His Paper "The Violent Consequences of Trade-Induced Worker Displacement In Mexico"

"The Violent Consequences of Trade-Induced Worker Displacement in Mexico"で, Citibanamex経済学賞

I investigated the economic factors behind Mexico's drug war. The results showed that the regions where criminal organizations are active in international smuggling and other activities, decreased employment opportunities for unskilled male workers led to increases in cocaine smuggling and homicides. These findings suggest that criminal organizations are absorbing unskilled male workers who lack other employment opportunities, and this in turn is intensifying the drug-related conflicts. The paper was published in the June 2019 inaugural issue of AER:Insights, an independent publication established by the American Economic Review (AER), one of the

most authoritative journals in the field of economics, to publish shorter papers. It also won a Citibanamex Economics Award, the most prestigious award for economic research on Mexico. Furthermore, we also were invited to present the paper to the Mexican Federal Police and National Security Commission. In these ways, the paper has been well received in the international academic community, and it also is attracting attention among researchers and policymakers in Mexico. Dell, Melissa, Benjamin Feigenberg and Kensuke Teshima. 2019. The Violent Consequences of Trade-Induced Worker Displacement in Mexico. American Economic Review: Insights, 1(1), 43-58.

私はメキシコ麻薬紛争問題の経済的要因を左記の 論文で探求しました。その結果、国際密輸を行っているよ うな非合法組織が活動する地域において, 非熟練男性 労働者の雇用減少がコカイン密輸、殺人を増やしたとい う結果を発見しました。この結果は非合法組織が雇用機 会にあぶれた非熟練男性労働者の雇用の受け皿に なってしまうこと、そのことが抗争を激化させていることを意 味しています。本論文は、経済学で最も権威が高い雑誌 の1つであるAmerican Economic Review(AER)か らその短めの論文を扱うセクションが新雑誌として独立創 刊されたAER:Insightsの2019年6月の創刊号に掲載さ れました。また、メキシコ経済研究に与えられる賞の中で一 番権威が高いCitibanamex経済学賞を受賞しました。 さらに、メキシコ連邦警察・国家治安委員会に招待され 報告を行いました。このように学術的、国際的にも高い評 価を受け、メキシコにおける研究者、政策担当者にも注目 されています。

#### Feature Article 5

#### Professor Emeritus Osamu Saito is Awarded the Order of the Sacred Treasure, Gold Rays with Neck Ribbon

#### 斎藤修名誉教授が瑞宝中綬章を受章

In the autumn 2019 conferment of decorations in Japan, Professor Emeritus Osamu Saito of Hitotsubashi University was awarded the Order of the Sacred Treasure, Gold Rays with Neck Ribbon. After being affiliated with the Institute from 1982 to 2009, Prof. Saito then served as Director of the Institute of Economic Research, Director of the Hitotsubashi University Library, and an advisor to Hitotsubashi University, and today he plays active roles as Professor Emeritus at Hitotsubashi University,

Visiting Affiliated Researcher at Cambridge University, Member of the Japan Academy, and Member of the American Academy of Arts and Science. His areas of specialization are economic history and historical demography, and in 2020 he delivered a lecture before their Majesties the Emperor and Empress of Japan and the Imperial family in the opening ceremony of the Imperial lectures series. All members of Institute staff join in congratulating Prof. Saito on this honor.

斎藤修一橋大学名誉教授は、2019年秋の叙勲で「瑞宝中綬章」を受章されました。1982年から2009年まで本所に勤められ、経済研究所長や一橋大学附属図書館長、一橋大学補佐を歴任され、現在は、一橋大学名誉教授、ケンブリッジ大学Visiting Affiliated Researcher、日本学士院会員、American Academy of Arts and Science会員としてご活躍です。先生のご専門は、経済史・歴史人口学で、2020年の「講書始(こうしょはじめ)の儀」において天皇、皇后両陛下や皇族方に講義を行われました。斎藤先生のこのたびの栄誉を、研究所スタッフ一同、心からお祝いいたします。



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Oshio, T. and M. Kan (2019) Which is Riskier for Mental Health, Living Alone or Not Participating in Any Social Activity? Evidence from a Population-based Eleven-year Survey in Japan, Social Science & Medicine, 233: 57-63.

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Note: IER Staffs in bold 注:太字が研究所教員



# Masayuki Sawada

澤田真行



My research area is econometrics, particularly causal inference. In economic policy evaluation, it is essential to take into consideration individual decision-making, which cannot be compelled by government. For this reason, there are limits to the extent to which completely controlled experiments such as those in the natural sciences can be employed. Causal inference is the study of what kinds of data and environments (policy changes and experimental designs) can be used to discover causal effect under such restricted conditions, and how to interpret them. My research is intended mainly to elucidate the conditions for interpretation of policy changes arising outside of experimental environments, as naturally occurring "experiments." Recently, I also am advancing research with an interest in the field of meta-analysis looking at how experimental results accumulated chiefly in developing countries can be collected and used in policy advice.

計量経済学,特に因果推論を研究しています。経済学 が扱う政策評価では, 行政によって強制できない個人の意 思決定を考慮する必要があります。そのため、自然科学のよ うに完全に統制された実験を行うことには限度があります。 因果推論ではそういった限られた状況のもとで、どのような データと環境(政策変化や実験デザイン)があれば因果効 果を発見でき、どう解釈されるかを研究します。私は主に、実 験以外で生じた政策変化を自然に生じた"実験"として解 釈するための条件を明らかにする研究をしています。最近で は、途上国を中心に蓄積されてきた実験結果をどのように 集計して政策提言を行うか、というメタ分析の分野にも興 味をもって研究を進めています。

Ever since my time in the doctoral program of the University of Minnesota, I have studied macroeconomics involving heterogenous economic actors. One of my main topics is researching methods of analysis on macroeconomy with information frictions involving heterogeneity in the information that people have. As one application, such research could be used to think about the possibility that the business cycle could be driven by people's fluctuations between optimism and pessimism. I also am studying macroeconomics on phenomena in which heterogeneity among people is the focus of analysis such as the household formation process or occupation switching, using microdata from the United States and other countries around the world as well as Japan. In addition, I am interested in real-life policies and systems in areas such as social security and fiscal policy, since I have practical experience as an administrative official.

ミネソタ大学の博士課程に在籍していた時期以来, 異質 的な経済主体を伴うマクロ経済学を研究しています。大きなト ピックの一つは、人々が持つ情報が均一でない、情報の摩擦 を伴うマクロ経済を分析する方法の研究です。この応用として は、人々の楽観・悲観の変動が景気循環を引き起こす可能 性について考えることができます。これに加えて、米国をはじめと する海外や日本のマイクロデータも活用しつつ、家計の形成 過程や職業間の移動など人々がお互いに異なることが焦点と なる事象についてマクロ的なアプローチから研究しています。こ のほか, 行政官として実務経験を有することから, 社会保障・ 財政等の具体的な政策や制度にも関心を持っています。



#### Naoki Takayama 高山直樹

#### Yuichi Yamamoto

山本裕一



I am interested in game theory, which offers a mathematical framework to better understand how economic agents behave when they face uncertainty about what the opponents are going to do. My recent research focuses on Bayesian learning with model misspecification. It studies how biased group members who have overconfidence and /or prejudice influence the overall team performance.

僕はミクロ経済学、特にゲーム理論の研究をしています。 ゲーム理論の目的は、人々が相手の出方を読みあいながら 行動するときに結果としてどのようなことが起こるか、を明らかに することです。ゲーム理論では様々な研究トピックがありますが、 僕の最近の興味は、「自信過剰(overconfidence) |や「偏 見(prejudice)」などのバイアスを持つ人々が行動する際にど のようなことが起こるか、ということです。例えば、自信過剰な人 や偏見を持つ人が含まれるようなグループのパフォーマンスは、 そうでないグループのパフォーマンスに比べて良いのか悪いの か、などといった疑問を明らかにしていければと考えています。





# IER Publications

1

Russian Economic Development over Three Centuries: New Data and Inferences, Springer, 2019. by M.Kuboniwa, Y.Nakamura, K.Kumo, Y.Shida, (Eds.)

This book has been published as part of the results of efforts to build a database of long-term economic statistics on Russia under the frameworks of the Asian Long-Term Economic Statistics Project, the 21st Century COE Program Research Unit for Statistical Analysis in Social Sciences, and the Research Unit for Statistical and Empirical Analysis in Social Sciences (G-COE). We continue striving toward our goal of publishing Russian Long-Term Economic Statistics in 2020, as the final compilation of these activities

「アジア長期経済統計」・「社会科学の統計分析拠点構築(21世紀COE)」そして「社会科学の高度統計・実証分析拠点構築(G-COE)」の枠組みで、ロシアの長期経済統計の構築に取り組んできた成果の一端として刊行したのが本書です。最終的な活動の集大成としての『ロシア長期経済統計』は令和2年度の刊行を目指しており、引き続き尽力して参ります。

2

(in Japanese)

Asian Historical Statistics: Korea, Toyo Keizai, 2019. Editorial supervisors: K.Odaka, O.Saito, K.Fukao Editors: T.Mizoguchi, H.Pyo, H.Moon, Y.Hara

尾高煌之助, 斎藤修, 深尾京司 監修/溝口敏行, 表鶴吉, 文浩一 編著/原康宏編集 『アジア長期経済統計 4 韓国・北朝鮮』 東洋経済新報社

This publication, part of the Asian Long-Term Economic Statistics series of collections of comparative historical statistics on Asia and surrounding regions, is a book of statistics centered on time-series GDP statistics. Covering the Korean Peninsula from the start of its economic modernization through the early 21st century, it has been compiled with the goal of elucidating the peninsula's macroeconomic development based on annual statistics. The editing of this volume began with a plan drafted from 1996 through 1999 by Prof. Emeritus Toshiyuki Mizoguchi.

本書は、アジアならびにその近隣地域における比較歴史統計集「アジア長期経済統計」シリーズの一巻として、GDPの時系列統計を中心にまとめた統計書です。経済近代化開始から21世紀初頭にかけての朝鮮半島を対象に、そのマクロ経済の歩みを年次統計数値の記録にもとづいて明らかにすることを目的として編まれました。なお、本巻の編集は、溝口敏行名誉教授が1996年から1999年の間にたてられた企画に則って開始されたものです。



8

#### Economic Review Iwanami Shoten

『経済研究』岩波書店

Vol. 71, No. 1, a special issue on the theme of "Deploying Empirical Economics," features numerous research papers on subjects including measurement of standard of living reflecting consideration for Amartya Sen's capability approach; analysis using historical statistical data on the Nara Period, the interwar period, and other periods of Japanese history; analysis of job training using the latest econometric methods; and analysis of economic bubbles using experimental method.

第71巻第1号は「実証経済学の展開」の特集号として、アマルティア・センのケイパビリティ・アプローチを念頭においた生活水準の計測、奈良時代や戦間期等の歴史統計データを用いた分析、最新の計量経済手法を用いた職業訓練の分析、さらには経済実験を用いたバブルの分析等、多くの研究論文が掲載されています。

# **IER Large Projects**

#### Fund for the Promotion of Joint International Research, Fostering Joint International Research (A)

国際共同研究加速基金(国際共同研究強化A)

Recurrent Bubbles and Economic Growth Title 研究課題

繰り返しバブルと経済成長および景気循環の研究

Principal Investigator Ryo Jinnai 研究代表者

陣内 了

Total Thou JPY in 2019 交付総額(千円)

11,900

This study will analyze the effects of asset price bubbles on economic growth, the economic cycle, and economic welfare, from an approach that differs from those of past research. For technical reasons, previous research has assumed situations in which asset price bubbles either exist constantly or fully collapse only once and then do not arise again. For this study, a method was developed of incorporating into a standard macroeconomic model the possibility that the same economic actors could experience the rise and collapse of bubbles multiple times. It provides new perspectives on how expectations of future bubbles impact behavior at the present time. This study will use this "recurrent bubble" model to study the economic impact of asset price bubbles from both theoretical and empirical approaches.

資産価格バブルが経済成長、景気循環、経済厚生に与える影響を、既存研究とは異なる切り口から分析しています。これまでの研究では、技術的な理由から、資産価格バブ ルが常に存在する状況か、完全崩壊が一度だけ起こり、その後は全く起こらない状況が想定されてきました。本研究では、同一の経済主体がバブル発生と崩壊を複数回、経 験する可能性を標準的なマクロ経済モデルに取り込む工夫を開発しました。将来のバブル発生に関する期待が現在の行動に影響を与えるという新たな視点が得られます。「繰 り返しバブル」モデルを使って、資産価格バブルが経済に与える影響を理論と実証の両面から研究していきます。

#### Grant-in-Aid for Scientific Research (A)

科学研究費補助金 基盤研究(A)

Title 研究課題

Construction of a New Household Survey using a Private Finance Management Application.

家計簿アプリを活用した家計データの構築と分析

Principal Investigator

Takashi Unayama

宇南 山卓

Total Thou JPY in 2019

15,400

The first step to understand household behavior is capturing the ways that people earn income and spend it. However, households (that is, we as individuals) do not necessarily keep detailed records of income and expenditures. For this reason, even government surveys face a wide range of problems. This research project will launch a new survey by collaborating with a private finance management app that automatically collects data on household income and expenditures directly from records of bank accounts and credit-card usage. This would be a breakthrough to collect information and allow a researcher to do a brand-new analysis that cannot be done with traditional economic surveys.

人々がどのような所得を得て、どのような支出行動をしているかを把握することは、家計分析の第一歩になります。しかし、家計(つまり、わたしたち個人)は必ずしも詳細な収支を 記録しているわけではありません。そのため、政府の調査といえども、さまざまな問題を抱えています。この研究課題では、銀行口座の出入金情報やクレジットカードの利用履歴 などから、家計の収支を自動的に収集する「家計簿アプリ」と連携して、新たなデータの構築を目指します。新たな技術で、通常の統計調査では得られない情報を手に入れ、こ れまでにない分析をすることを目指します。

#### Grant-in-Aid for Scientific Research (A)

科学研究費補助金 基盤研究(A)

Title 研究課題 Historical Changes in the Standard of Living and Socioeconomic Structures in Japan: Perspectives from Household Financial Diaries

家計簿からみた生活水準の推移と社会経済の変容

Principal Investigator

Yukinobu Kitamura

北村 行伸

Total Thou JPY in 2019

11,800

This research project was adopted in FY2019 to ascertain, from a multifaceted approach, transformations in household finances and socioeconomics identified by focusing on records of household budgets, as microcosms of Japanese society. Household financial diaries are distillations of the financial aspects of household behavior. They entail a wide range of aspects including labor, income, taxation, social security, consumption, and family relations, requiring an interdisciplinary approach. In addition, while at first glance household financial diaries may seem old-fashioned, in a broader sense they can be considered a form of Big Data. By linking such diaries, as historical data, to the Internet-based household financial diary apps that are seeing increasing use today, we will aim to consider methods of ascertaining the actual state of household finances from the past, through the present, and into the future.

本研究は日本社会の縮図としての家計簿を研究の軸に置き、そこから見えてくる家計や社会経済の変容を多角的に捉えることを目標として2019年度から採択されました。家 計簿は、家計行動の金融的側面が集約されたものです。そこには労働、所得、租税、社会保障、消費、家族関係など様々な側面が入っており、学際的な取り組みが必要にな ります。また、家計簿という一見古風な印象を与える記録も、広い意味ではビッグデータになり得ます。我々は歴史的なデータとしての家計簿と現在進行中のインターネット上で の家計簿アプリを結び付けて、過去から、現在、未来に向けて、家計の実態を捉える仕組みを考えてみたいと思っています。

# Organization

IER was founded in 1940 and has been active for more than 70 years as a leading economics institute in Japan. The institute now consists of five research divisions and six affiliated facilities and centers, and it pursues its mission to promote empirical analysis of the Japanese and World economies.

一橋大学経済研究所は、1940年に創設されて以来70年以上の歴史を誇る研究機関です。

現在は、5大研究部門と6附属施設・センターから成る組織体制を以て、日本及び世界の経済の総合研究、

独創的な世界最先端研究の推進,内外における研究者コミュニティの共同研究拠点・ハブの形成という3大ミッションを追求しています。

#### Director 级这四次形 目

#### Management Committee

一橋大学経済研究所運営委員会

Joint Center Usage & Joint Research Committee 共同利用·共同研究委員会

Faculty Meeting 教授会

#### Research Divisions

Theories in Economics and Statistics 経済·統計理論研究部門

Economic Measurement and Statistics 経済計測研究部門

Comparative and World Economics 比較経済·世界経済研究部門

Economic Institutions and Policy 経済制度・経済政策研究部門

Frontier Sciences in Economics 新学術領域研究部門

#### Research Assistant Divisions 研究主 短期

Office of Publications 学術出版室

Faculty Support Office 秘書室

**IT Section** 

大規模データ分析支援室

#### 

General Affairs Section

事務室

**IER Library** 

資料室

Library for Japanese Statistics

社会科学統計情報研究センター資料室

#### Affiliated Facilities and Centers

Research Centre for Information and Statistics of Social Science 社会科学統計情報研究センター

Center for Economic Institutions

経済制度研究センター

Center for Intergenerational Studies

世代間問題研究機構

Research Center for Economic and Social Risks

経済社会リスク研究機構

Russian Research Center

ロシア研究センター

Research Center for Normative Economics

規範経済学研究センター



Professor Emeritus Kotaro Suzumura passed away on January 15, 2020

2020年1月15日 鈴村興太郎名誉教授逝去される。

Kotaro has passed away in the year of the fifth anniversary of the Research Center for Normative Economics of the IER. When his illness was diagnosed more than two years ago, Prof. Suzumura immediately grabbed his laptop and began preparations for travel. He created the Normative Economics (Suzumura) Library at his alma mater, and authored essays, while still finding time to continue exchanging emails with friends and colleagues in Japan and around the world. Today, the IEA and other famed academic associations are simultaneously planning Memorial Lectures to honor his memory. Mourning for Prof. Suzumura, a global leader in his field, is likely to continue for some time.

経済研究所規範経済学センターの5周年記念の年に先生は空に昇った。2年余前に病を宣告された先生は即、PCを抱えて旅立ちの支度にかかった。母校に規範経済学(鈴村)文庫をつくり、エッセイ執筆の合間に国内外の友人知人とメールでの交信を続けた。いま、IEAを始めとする海外の名だたる学会が同時、並行して記念レクチャーを企画し、追悼の辞を表明しようとしている。セカイのコータロー!彼を惜しむ声はしばらく鳴りやまないだろう。



Celebratory party for conferment of the Order of the Sacred Treasure, Gold Rays with Neck Ribbon. (July 2017, Hitotsubashi University)

瑞宝重光賞お祝いの会(2017年7月, 一橋大学佐野書院にて開催)



# IER in Figures

People in FY2018 スタッフ数 2018年度					
Professor 教授	Associate Professor 准教授	Assistant Professor 講師	Research Associate/ Assistant 助教·助手	Other Research Staff その他研究スタッフ	Total 計
18	7	7	5	45	82
Administrator 事務職員	Librarian 司書	Other Admin Staff その他事務スタッフ	Total 計		
5	7	39	135		

VISITING SCHOIARS 所外研究者受け入れ人数			
FY 年度	Number of people		
2016	67		
2017	71		
2018	87		

#### Research Results 研究成果数

FY	Books 書籍		Book Chapters and Journal Articles 論文	
年度	Foreign Languages 欧文	Japanese 和文	Foreign Languages 欧文	Japanese 和文
2016	4	6	73	39
2017	4	14	61	42
2018	1	7	63	47

\*including forthcoming.

#### Budget in FY 2018 経済研究所予算 2018年度

Items	Amount (Thou,千円)
IER Budget and Indirect Costs of the Research Grants 自己収入	131,265
University Grants 運営費交付金	41,716
Research Grants and Donations 外部資金	181,650
Total 総計	354,631

#### Publications 研究所発行出版物 2018年度

Economic Research Series 経済研究叢書		Economic Review	DP Series
In English	In Japanese	経済研究	ティスカッション・ベーハー
1 vol.	1 vol.	4 vols.	69 papers

#### IER Library's Collections 経済研究所蔵書冊数

2018		Number of Books 蔵書冊数	Number of Journals 所蔵雑誌数
Library 資料室	Japanese 和文	155,415	3,454
	ForeignLanguages 欧文	260,352	2,563
RCISSS Library 社会科学統計情報研究センター		202,899	1,334

#### Joint Usage and Research Center Programs 共同利用·共同研究拠点実績

FY	2016	2017	2018
No.of Projects プロジェクト数	21	22	23
No. of Researchers Involved 参加研究者数	108	132	105

#### Research Grants in FY 2018 研究助成受け入れ実績 2018年度

Grant-in-Aid for Scientific Research (S) 基盤研究(S)	1
Grant-in-Aid for Scientific Research (A) 基盤研究(A)	5
Grant-in-Aid for Scientific Research (B) 基盤研究(B)	6
Grant-in-Aid for Scientific Research (C) 基盤研究(C)	9
Grant-in-Aid for Challenging Research (Exploratory) 挑戦的研究(萌芽)	1
Grant-in-Aid for Young Scientists (B) 若手研究(B)	2
Grant-in-Aid for JSPS Research Fellows 特別研究員奨励費	1

Fund for the Promotion of Joint International Research (Fostering Joint International Research) 国際共同研究加速基金(国際共同研究強化)	3
Fund for the Promotion of Joint International Research (Home-Returning Researcher Development Research) 国際共同研究加速基金(帰国発展研究)	1
Joint Research Projects/ Sponsored Research Projects 共同研究費·受託研究費·受託事業費	2
Donations 寄附金(新規受け入れ分のみ)	4





From Tokyo Station: 1 hour / From Shinjuku Station: 40 min. / From Haneda Airport: 1.5-2 hours / From Narita Airport: 2-3 hours 東京駅から約1時間/新宿駅から約40分/羽田空港から約1.5から2時間/成田空港から約2から3時間

# 一橋大学経済研究所 Institute of Economic Research, Hitotsubashi University

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