

Centre For Macroeconomics
Master Forward Plan

Programme 1: Developing new methodologies

1.A Expectations and bounded rationality

1. **"Reference Dependence and Labor Market Fluctuations"** by Kfir Eliaz and Rani Spiegler.
 - Plan 2013- 2014 - present at the 28th NBER Macro Annual conference and submit to conference proceedings.
 - Progress 2013-2014 - paper presented at the 28th NBER Macro Annual conference, **project completed**.
2. **"Managing motivation in a long-run relationship"** by Kfir Eliaz and Rani Spiegler.
 - Plan 2013-14 - write a working paper.
 - Progress 2013-14 - objective accomplished.
 - Plan 2014-15 - write a follow-up paper which extends the model to firm-worker relationships and submit the paper to an academic journal.
3. **"Optimal monetary policy with learning, at the zero lower bound"** by Tony Yates.
 - Plan 2014-15 - develop paper and submit to journal.
- Projects 1.B.3 and 5.A.1 also fall in this category.

1.B Nonlinearities and heterogeneity

1. **"Mismatch, Sorting and Wage Dynamics"** by Jeremy Lise, Costas Meghir, and Jean-Marc Robin.
 - Plan 2013-14 - submit to an academic journal.
 - Progress 2013-14 - submitted to academic journal.
 - Plan 2014-15 - revise and resubmit to academic journal.
2. **"Mismatch and Sorting: Identification and Estimation with Matched Employer- Employee Data"** by Thibaut Lamadon, Jeremy Lise, Costas Meghir and Jean-Marc Robin.
 - Plan 2013-14 - write working paper.
 - Progress 2013-14 - model and identification complete. Estimation is in progress and on track to complete objective of writing a working paper.
 - Plan 2014-15 - circulate working paper for comments and submit paper to academic journal.
3. **"Unemployment Fears, Precautionary Savings, and Low Aggregate Demand"** by Wouter den Haan, Pontus Rendahl and Markus Riegler.
 - Plan 2013-14 - develop new algorithm and write working paper.
 - Progress 2013-14 - new algorithm has been developed and preliminary version presented at IMF conference on computational methods. Also, a co-author has been added.
 - Plan 2014-15 - optimize algorithm, present results at conferences/universities, and get a polished working paper.
4. **"Explaining an algorithm for computing optimal discretionary policy at the**

zero lower bound with many state variables" by Charles Brendan, Matthias Paustian, and Tony Yates.

- Plan 2014-15 - develop paper and submit to journal.
- Project 5.A.2 also falls in this category.

1.C Empirical techniques to deal with time-varying relationships, heterogeneity, and nonlinearities

1. **"Indirect Likelihood Inference"** by Michael Creel and Dennis Kristensen.
 - Plan 2013-14 - submit to an academic journal.
 - Progress 2013-14 - submitted to academic journal.
 - Plan 2014-15 - revise & resubmit to academic journal.
2. **"Implementation and Estimation of Discrete Markov Decision Models Using Sieves"** by Dennis Kristensen and Bertel Scherning.
 - Plan 2013-14 - write working paper.
 - Progress 2013-14 - working paper 50% done.
 - Plan 2014-15 - complete working paper.
3. **"Smooth Filtering and Likelihood Estimation of Dynamic Latent Variable Models"** by Christian Brownlees, Dennis Kristensen, and Yongeseok Shin.
 - Plan 2013-14 - write a working paper.
 - Progress 2013-14 - working paper 50% finished.
 - Plan 2014-15 - complete paper.
4. **"From Time-Varying VARs to Time-Varying DSGE estimates"** by Liudas Giratis, George Kapetanios, Kostas Theodoridis, and Tony Yates.
 - Plan 2013-14 - revise and resubmit paper to *Journal of Applied Econometrics*.
 - Progress 2013-14 - revision and circulation of paper.
 - Plan 2014-15 - revise and resubmit paper to *Journal of Applied Econometrics*.
5. **"Evolving US and UK Macroeconomic Dynamics through the Lens of Model of Deterministic Structural Change"** by George Kapetanios and Tony Yates.
 - Plan 2013-14 - revise and resubmit paper to *Empirical Economics*.
 - Progress 2013-14 - paper accepted for publication in *Empirical Economics*.
Project completed.
6. **"Incorporating theoretical restrictions into Forecasting by Projection Methods"** by Raffaella Giacomini and Giuseppe Ragusa.
 - Plan 2013-14 - revise and resubmit paper to *Journal of Econometrics*.
 - Progress 2013-14 – final revision submitted to *Journal of Econometrics*.
Project completed.
7. **"Limited Information State-Space Methods"** by Ron Gallant, Raffaella Giacomini, and Giuseppe Ragusa.
 - Plan 2013-14 - write a working paper.
 - Progress 2013-14 - paper submitted (with new title "GMM with latent variables" and currently under revision.
 - Plan 2014-15 - revise or submit to different journal in the event of rejection.
8. **"Anchoring the yield curve using survey expectations"** by Carlo Altavilla, Raffaella Giacomini, and Giuseppe Ragusa.
 - Plan 2014-15 - submit working paper.

9. **"Robust Bayesian inference in structural vector Autoregressions"** by Raffaella Giacomini and Toru Kitagawa.
 - Plan 2014-15 - write first draft of paper and present at conferences.
10. Write a paper using tvp methods to estimate a time varying dynamic factor model which scrutinizes Stock and Watsons [NBER macro annual] by George Kapetanios and Tony Yates.
 - Plan 2014-15 - write and circulate working paper.

1D. Using cross-sectional information to learn about macroeconomics

1. **"Dissecting the Effect of Credit Supply on Trade: Evidence from Matched Credit-Export Data"** by Daniel Paravisini, Veronica Rappoport, Philipp Schnabl, and Daniel Wolfenzon.
 - Plan 2013-14 - authors are currently working on a requested revision for the *Review of Economic Studies*.
 - Progress 2013-14- revised version of the paper submitted to the *Review of Economic Studies*. Authors received further suggestions from the editor.
 - Plan 2014-15 - work on the second requested revision for the *Review of Economic Studies*.
2. **"A Dynamic Hedonic Equilibrium Model of Sorting and Tenure Choice in the Housing Market"** by Jonathan Halket, Lars Nesheim, and Florian Oswald.
 - Plan 2013-14 - empirical results will be presented at a CeMMAP Housing conference May 23-24. Authors plan to write a working paper on the background empirical analysis.
 - Progress 2013-14 - empirical results presented at CeMMAP Housing conference May 23-24.
 - Plan 2014-15 - authors to write a working paper on the background empirical analysis.
3. **"The Source of Bank Expertise"** by Daniel Paravisini, Veronica Rappoport and Philipp Shnabl
 - Plan 2014-15 - finish empirical analysis and write a working paper.

Programme 2: Consequences of fiscal austerity plans and high debt levels

2.A Fiscal policy during recessions:

1. **“How Big (Small?) Are Fiscal Multipliers”** by Ethan Ilzetki, Enrique Mendoza and Carlos Vegh.
 - Plan 2013-14 - paper submitted at the *Journal of Monetary Economics* and accepted. Final version to be submitted.
 - Progress 2013-14: Paper submitted at the *Journal of Monetary Economics* and accepted with minor revisions.
 - Plan 2014-15: Final version to be submitted to the *Journal of Monetary Economics*.
2. **“Discretionary Tax Changes and the Macroeconomy: New Narrative Evidence from the United Kingdom”** by James Cloyne.
 - Plan 2013-14 - paper submitted at the *American Economic Review* and accepted. Final version to be submitted.
 - Progress 2013-14: Published in the *American Economic Review* in June 2013.

Project completed.
3. **“The Dynamic Effects of Personal and Corporate Income Tax Changes in the United States”** by Karel Mertens and Morten O. Ravn.
 - Plan 2013-14 - paper submitted at the *American Economic Review* and accepted. Final version to be submitted.
 - Progress 2013-14 Paper published in the *American Economic Review*.

Project completed.
4. **“A Reconciliation of SVAR and Narrative Estimates of Tax Multipliers”** by Karel Mertens and Morten O. Ravn.
 - Plan 2013-14 - complete project over the coming months and submit to an academic journal.
 - Progress 2013-14 - published in *Journal of Monetary Economics*.

Project completed.
5. **“The local dimension of the fiscal multiplier: A quasi-experiment with the Italian Maffia”** by Antonio Acconcia, Giancarlo Corsetti, and Saverio Simonelli.
 - Plan 2013-14 - revise and resubmit this paper to the *American Economic Journal*.
 - Progress 2013-14 - paper accepted by *American Economic Journal*. To be published soon.

Project completed.
6. **“Fiscal multiplier during disasters”** by Antonio Acconcia, Giancarlo Corsetti, and Saverio Simonelli.
 - Plan 2013-14 - complete the empirical work and write a working paper.
 - Progress 2013-14 - empirical work continued.
 - Plan 2014-15 - continue empirical work and write a working paper.
7. **“The multiplier effects of fiscal consolidation”** by Giancarlo Corsetti together with students in Cambridge.
 - Plan 2013-14 - complete the empirical work and write a working paper.

- Progress 2013-14 - empirical work partially completed.
- Plan 2014-15 - complete the empirical work and write a working paper.
- 8. **“Fiscal Policy in an Unemployment Crisis”** by Pontus Rendahl.
 - Plan 2013-14 - polish working paper, obtain feedback, and submit to academic journal.
 - Progress 2013-14 - revision work done on working paper.
 - Plan 2014-15 - revise paper and submit to academic journal.
- 9. **“Fiscal Policy in an Expectations Driven Liquidity Trap”** by Karel Mertens and Morten O. Ravn.
 - Plan 2013-14 - finish working paper, obtain feedback, and submit to academic journal.
 - Progress 2013-14 - working paper being revised.
 - Plan 2014-15 - finish working paper, obtain feedback, and submit to academic journal.
- 10. **“Fiscal Policy at the Lower Bound”** by Jonathan Portes and Simon Wren-Lewis.
 - Plan 2013-14 - write working paper.
 - Progress 2013-14 - working paper partially completed
 - Plan 2014-15 – complete working paper
- 11. **“Spillovers from Synchronized Fiscal Actions with Europe”** by Jonathan Portes and Dawn Holland.
 - Plan 2013-14 - write working paper.
 - Progress 2013-14 - working paper not completed.
 - Plan 2014-15 - complete working paper.
- 12. **“A Positive Theory of Tax Reform”** by Ethan Ilzetzki.
 - Plan 2014-15 - submit working paper to academic journals.
- 13. **“Testing for International Fiscal Spillovers”** by Renato Faccini, Haroon Mumtaz and Paolo Surico.
 - Plan 2014-15 - this paper has been revised and resubmitted to the *Journal of International Economics*. Awaiting decision on resubmission.

2.B Fiscal Policy when Debt is High

1. **“Weak States and Steady-States: The Dynamics of Tax Capacity”** by Ethan Ilzetzki, Tim Besley and Torsten Persson.
 - Plan 2013-14 - paper submitted to the *American Economic Journal: Macroeconomics* and accepted. Final version to be submitted.
 - Progress 2013-14 - paper published by the *American Economic Journal: Macroeconomics*.

Project completed.
2. **“Sovereign Debt Premia and the Transmission of Fiscal Policy at the Lower Zero Bound”** by Giancarlo Corsetti.
 - Plan 2013-14 - revise and resubmit paper to *Economic Journal*. Also, a multi-country version of the model is the topic of an invited contribution to the *Carnegie- Rochester-NYU* conference series in April 2013.
 - Progress 2013-14 - revision completed.
 - Plan 2014-15 - Revise and resubmit paper to a journal.
3. **Austerity Plans and Signalling** by Ethan Ilzetzki.
 - Plan 2013-14 - write a working paper.

- Progress 2013-14 - working paper partially completed.
- Plan 2014-15 – complete working paper.
- 4. **Rigidities and Fiscal Policy** by Pascal Michaillat and Emmanuel Saez.
 - Plan 2013-14 - write working paper.
 - Progress 2013-14 - two working papers circulated for comment, entitled “A Model of Aggregate Demand and Unemployment”, focuses on fiscal policy and “An Economical Business Cycle Model”, focuses on monetary policy.
 - Plan 2014-15 - submit to an academic journal.
- 5. **Fiscal Austerity and Political Dysfunction** by Allan Drazen and Ethan Ilzetzki.
 - 2014-15 Plan - write a working paper.
- 6. **Household debt and the dynamic effects of income tax changes**” by James Cloyne and Paolo Surico.
 - Plan 2014-15 - CEPR Discussion Paper completed. Complete updated and submit to an academic journal.
- 7. **“Medicaid Insurance in Old Age”** by Mariacristina De Nardi, Eric French and John Jones.
 - Plan 2014-15 - submit to a journal.

2.X Related projects

1. **"The political-Economy of the Greek Debt Crisis: A Tale of Two Bailouts"** by Silvia Ardagna and Francesco Caselli.
 - Progress 2013-14 - further revision of paper invited, revision done, now accepted for publication.
 - Plan 2014-15 - paper published, project completed.
2. **"On the Relationship between Mobility, Population Growth, and Capital Spending in the United States,"** by Marco Bassetto and Leslie McGranahan
 - Plan 2014 – 15 - submit to academic journal.

Programme 3: Interaction between financial markets, monetary policy, and the macro economy

3.A Financial markets and business cycle

1. **"Stock Prices and Monetary Policy in General Equilibrium"** by Edouard Challe and Chryssi Giannitsarou.
 - Plan 2013-14 - finish working paper, obtain feedback, and submit to academic journal.
 - Progress 2013-14 - working paper not completed.
 - Plan 2014-15 - finish working paper, obtain feedback, and submit to academic journal.
2. **"Competitive devaluation"** by Paul Bergin and Giancarlo Corsetti.
 - Plan 2013-14 - write a working paper.
 - Progress 2013-14 - working paper not completed.
 - Plan 2014-15 – complete working paper.
3. **"Search-Based Endogenous Illiquidity and the Macroeconomy"** by Wei Cui and Soren Radde.
 - Plan 2014-15 - submit to academic journal.
4. **"Delayed Capital Reallocation"** by Wei Cui.
 - Plan 2014-15 - finish working paper, obtain feedback, and submit to academic journal.
5. **"Banking sector competition and risk in EU countries 1998-2012"** by E Philip Davis and Dilruba Karim.
 - Plan 2014-15 - working paper published; will obtain feedback, and submit to academic journal.
6. **"Monetary policy and shadow banking: theory and evidence from the US"** by Ben Nelson, Gabor Pinter and Kostas Theodoridis.
 - Plan 2014-15 - complete empirical work; finalise working paper draft and submit to journal.
7. **"Shadow banks and macroeconomic instability"** by Roland Meeks, Ben Nelson and Piergiorgio Alessandri.
 - Plan 2014-15 - awaiting journal response.
8. **"Mortgages and monetary policy"** by Carlos Garriga, Finn Kydland and Roman Sustek.
 - Plan 2014-15 - obtain feedback, and submit to an academic journal.

3.B Policies to prevent crises

1. **"Co-ordinating monetary and macroprudential policies"** by Bianca de Paoli and Matthias Paustian.
 - Plan 2013-14 - submit to an economic journal.
 - Progress 2013-14 - continue working and submit to an economic journal.
 - Plan 2014-15 - submit to academic journal.
2. **"Macroprudential capital regulation in general equilibrium"** by Ben Nelson and Gabor Pinter.

- Plan 2014-15 - revise working paper and submit to journal.

3.C Policies during and after crises

1. **"Central Banks as Lender of Last Resort in the Sovereign Debt Market"** by Giancarlo Corsetti, Luca Dedola, and Sylvain Leduc.
 - Plan 2013-14 - write a working paper.
 - Progress 2013-14 - working paper not completed.
 - Plan 2014-15 - write working paper.
2. **"The Pitfalls of Speed Limit Interest Rate Rules at the Zero Lower Bound"** by Charles Brendan, Matthias Paustian, and Tony Yates.
 - Plan 2013-14 - submit to an economic journal.
 - Progress 2013-14 - re-work and submit to economic journal.
 - Plan 2014-15 - depending on outcome, revise and resubmit.
3. **"The macroeconomic effects of monetary policy: A new measure for the United Kingdom"** by James Cloyne and Patrick Huertgen.
 - Plan 2014-15 - complete draft working paper. Present at conferences and submit to an academic journal.
4. **"The effect of unconventional monetary policy on inflation expectations: Evidence from UK firms"** by James Cloyne, Lena Koerber, Martin Weale and Tomasz Wieladek.
 - Plan 2014-15 - complete draft working paper. Present at conferences. Submit to an academic journal.
5. **"Speculative Runs on Interest Rate Pegs"** by Marco Bassetto and Christopher Phelan.
 - Plan 2014-15 - submit to academic journal.
6. **"QE and the Bank Lending Channel in the UK"** by Nick Butt, Rohan Churm, Michael McMahon, Arpad Morotz & Jochen Schanz.
 - Plan 2014-15 - write a working paper and present at conferences.
7. **"Credit traps and credit policies"** by Angus Foulis, Ben Nelson, and Misa Tanaka.
 - Plan 2014-15 - complete working paper and submit to journal.
- Projects 1.A.3 and 1.B.4 also fall in this category.

3.X Related Projects

1. **"Credit Crunches and Credit Allocation in a Model of Entrepreneurship,"** by Marco Bassetto, Marco Cagetti, and Mariacristina De Nardi.
 - Plan 2014-15 - resubmit to academic journal.
2. **"Inflation Dynamics and Marginal Costs: the Crucial Role of Hiring and Investment Frictions"** by Renato Faccini, and Eran Yashiv.
 - Plan 2014-15 - complete the draft, submit to conferences and get feedback.
3. **"How Experts Decide: Preferences or Private Assessments on a Monetary Policy Committee?"** by Stephen Hansen, Michael McMahon and Carlos Velasco Rivera.
 - Plan 2014-15 - awaiting decision on revision prepared and sent back to Journal of Monetary Economics.
4. **"First Impressions Matter: Signalling as a Source of Policy Dynamics"** by

Stephen Hansen and Michael McMahon.

- Plan 2014-15 - prepare revision requested by the Review of Economic Studies.
- 5 **“Transparency and Communication within the FOMC: A computational linguistics approach”** by Stephen Hansen, Michael McMahon and Andrea Prat.
- Plan 2014-15 - complete empirical analysis and write a first draft of working paper.

Programme 4: Shifts in the world economy and their consequences

4.A Understanding differences across countries

1. **"The Geography of Interstate Resource Wars"** by Francesco Caselli, Dominic Rohner, and Massimo Morelli.
 - Plan 2013-14 - finish working paper, obtain feedback, and submit to an academic journal.
 - Progress 2013-14 - paper submitted to *Quarterly Journal of Economics*. Revision invited, currently working on revision.
 - Plan 2014-2015 - finish revision and resubmit to *Quarterly Journal of Economics*.
2. **"Trade and Institutions"** by Bernardo Guimares and Kevin Sheedy.
 - Plan 2013-14 - write a working paper.
 - Progress 2013-14 - working paper not completed.
 - Plan 2014-15 – complete working paper.
3. **"International Transmission through Relative Prices"** by Keyu Jin and Nan Li.
 - Plan 2013-14 - finish working paper, obtain feedback, and submit to an academic journal.
 - Progress 2013-14 - working paper not completed.
 - Plan 2014-15 - finish working paper, obtain feedback, and submit to an academic journal.
4. **"The Perfect Match: Assortative Matching in International Acquisitions"** by Veronica Rappaport.
 - Plan 2013-14 - programme the estimation codes, perform estimation, obtain (preliminary) results and write a first draft.
 - Progress 2013-14 - empirical analysis not completed.
 - Plan 2014-15 - finish empirical analysis and write working paper.
5. **"Firms and Shocks: Evidence from France"**, by Julien Martin, Natalia Ramondo, Veronica Rappoport and Farid Toubal.
 - Plan 2014-15 - finish empirical analysis and write a working paper.
6. **"Commodity Price Volatility and the Sources of Growth"** by Tiago Cavalcanti and Kamiar Mohaddes and Mehdi Raissi.
 - Plan 2014-15 - revise and resubmit to Journal of Applied Econometrics.

4.B Growth enhancing macroeconomic policies

1. **"Why did Industrial Policy worked so Differently in east Asia and Latin America?"** by Francesco Caselli, John Coleman, and Christian Siegel.
 - Plan 2013-14 - improving the theoretical model, designing the code and developing the calibration strategy
 - Progress 2013-14 - worked through various versions of the model, but still unsatisfied. Still trying to figure out best angle/modelling strategy.
 - Plan 2014-2015 - more of the same. There is an interesting idea at the core of this project but has not blossomed yet.
2. **"Diversification through Trade"** by Francesco Caselli, Miklos Koren, Milan Lisiky, and Silvana Tenreyro.
 - Plan 2013-14 - developing a multi-sector extension, collecting data and developing the code for the multi-sector extension.

- Progress 2013-14 - pretty much according to plan. Very close to a finished version.
- Plan 2014-2015 - complete finishing touches and submit to a journal.
- 3. **"The Effects of Credit Subsidies on Development"** by António Antunes, Tiago Cavalcanti and Anne Villamil.
 - Plan 2014-15 - paper submitted to *Economic Theory* and accepted. Final version to be submitted.
- 4. **"The Output Cost of Discrimination: A Model Based Macroeconomic Estimate"** by Tiago Cavalcanti and José Tavares.
 - Plan 2014-15 - revise and resubmit to *Economic Journal*.
- 5. **"Growth and Human Capital: A Network Approach"** by Tiago Cavalcanti and Chryssi Giannitsarou.
 - Plan 2014-15 - revise and resubmit to *Economic Journal*.
- 6. **"(Mis)Allocation Effects of an Overpaid Public Sector"** by Tiago Cavalcanti and Marcelo Santos.
 - Plan 2014-15 - improving the theoretical model, designing the code and developing the calibration strategy.

4.C Global imbalances

1. **"Credit Constraints and Growth in a Global Economy"** by Nicolas Coeurdacier, Stephane Guibaud, and Keyu Jin.
 - Plan 2013-14 - complete data collection and empirical analysis. Write first draft.
 - Progress 2013-14 - submitted to *American Economic Review*, revision requested.
 - Plan 2014-15 - revise and resubmit to *American Economic Review*.

4.X Related Projects

1. **"Consistency of estimates of world output and consumption over space and time"** Nicholas Oulton.
 - Plan 2014-15 - Gather data, develop conceptualise framework, and write working paper.

Programme 5: Labour markets; unemployment levels after a severe crisis and long- term prospects

5.A Labour markets during (deep) recessions

1. **"Job Uncertainty and Deep Recessions"** by Morten Ravn and Vincent Sterk.
 - Plan 2013-14 - obtain feedback and submit to an academic journal.
 - Progress 2013-14 - feedback process currently being done.
 - Plan 2014-15 - continue with feedback process, refine and submit to academic journal.
2. **"Inefficient Employment Decisions, Entry Costs, and the Cost of Fluctuations"** by Wouter Den Haan and Petr Sedlacek.
 - Plan 2013-14 - revise and resubmit to *Quantitative Economics*.
 - Progress 2013-14 - paper has been revised and is now forthcoming in *Quantitative Economics*.
3. **"Inventories and the Role of Goods-Market Frictions for Business Cycles"** by Wouter Den Haan.
 - Plan 2014-15 - polish the working paper, present at conferences/universities and submit to journal.
4. **"The Growth Potential of Startups over the Business Cycle"** by Petr Sedlacek and Vincent Sterk.
 - Plan 2014-15 - obtain feedback, polish paper and submit to an academic journal. Analyze micro-data for potential follow-up project.
- Project 1.B.3 also falls under this category.

5.B Labour mobility

1. **"Home Equity, Mobility, and Macroeconomic Fluctuations"** by Vincent Sterk.
 - Plan 2013-14 - submit to an academic journal.
 - Progress 2013-14 - obtain feedback and submit to an academic journal.
 - Plan 2014-15 - continue with feedback process, refine and submit to academic journal.

5.C Labour market trends

1. **"The Macro-dynamics of Sorting between Workers and Firms"** by Jeremy Lise and Jean-Marc Robin.
 - Plan 2013-14 - write a working paper.
 - Progress 2013-14 - paper partially completed.
 - Plan 2014-15 - revise working paper and submit to journal.
2. **"Structural Transformation, Marketization and Female Employment"** by Rachel Ngai and Barbar Petrongolo.
 - Plan 2013-14 - obtain feedback and submit to an academic journal.
 - Progress 2013-14 - circulate working paper for comments. Title changed to **"gender gaps and the rise of the Service Economy"**.
 - Plan 2014-15 - submit **"gender gaps and the rise of the Service Economy"** to an academic journal.
3. **"Reassessing Labour Market Reforms: Temporary Contracts as a Screening**

Device" by Renato Faccini.

- Plan 2014-15 - article submitted to Economic Journal.

5.X Related projects

1. **"Hot and Cold Seasons in the Housing Market"** by Rachel Ngai and Silvana Tenreyro.

- Plan 2013-14 - revise and resubmit to *American Economic Review*.
- Progress 2013-14 - resubmitted to *American Economic Review*, accepted for publishing.

Project completed.