

## CURRICULUM VITAE

Victor H. Aguiar

### 1. Personal Information

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 Social Science Centre  
 University of Western Ontario  
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Citizenship: Ecuador, Canadian Permanent Resident

### *Current Position*

Associate Professor  
 Department of Economics,  
 University of Western Ontario

### *Major Fields of Concentration*

Microeconomic Theory, Decision Theory, Behavioral Economics, Consumer Theory, Revealed Preferences, Non-Parametric Econometrics, Consumer Empirics

### *Education*

Degree	Field	Institution	Year
Ph.D.	Economics	Brown University	2017
M.A.	Development Economics	Latin America University of Social Sciences (FLACSO Ecuador)	2012
M.A.	Public Administration and International Trade	Université Pierre Mendès France	2011
B.Sc.	Economics (Valedictorian)	Catholic University of Ecuador	2010

### *Dissertation*

Title: Bounded Rationality Consumer Theory and Revealed Preferences  
 Committee: Roberto Serrano, Susanne Schennach, and Geoffroy De Clippel.  
 Completion Date: May 2017

### ***Academic and Professional Experience***

July 2021 – Present	Associate Professor of Economics (with tenure), Department of Economics, University of Western Ontario
July 2016 – June 2021	Assistant Professor of Economics, Department of Economics, University of Western Ontario
Summer 2015	World Bank, Temporary Consultant

### ***Academic Honors and Awards***

Winter 2021	The Christopher J. Grimes Faculty Fellowships in Microeconomic Theory, 2021-2026.
Winter 2017	Graduate Economics Professor of the Year, 2017, University of Western Ontario
Fall 2015	Merit Dissertation Fellowship, George Borts Dissertation Prize, Economics Department, Brown University.
Summer 2015	Best Third Year Paper Prize, Economics Department, Brown University
Spring 2015	Research Fellowship, Economics Department, Brown University (working under Geoffroy de Clippel)
Fall 2013	Honors in Field Examinations Bounded Rational Consumer Theory and Non-Parametric Econometrics, Economics Department, Brown University
2012-2014	Graduate School Fellowship, Economics Department, Brown University

## **2. Research and Scholarly Activities**

### ***Publications***

#### **(i) Articles in Refereed Journals**

Aguiar, Victor H. Maria Jose Boccardi, Nail Kashaev, and Jeongbin Kim. “Random Utility and Limited Consideration”. (previously titled “Does Random Consideration Explain Behavior when Choice is Hard? Evidence from a Large-scale Experiment”) June 2022 accepted *Quantitative Economics*.

Aguiar, Victor H., Roy Allen, and Nail Kashaev. 2022. “Prices, Profits, Proxies, and Production,” accepted at *Journal of Econometrics*.

Aguiar, Victor H. and Nail Kashaev. 2022. "A Random Utility and Attention Model," accepted at *Journal of Economic Theory*.

Aguiar, Victor H. and Nail Kashaev. 2021. "Stochastic Revealed Preferences with Measurement Error," *The Review of Economic Studies*, 88(4), pp. 2042-2093.

- Aguiar, Victor H. and Roberto Serrano. 2021. "Cardinal Revealed Preference: Disentangling Transitivity and Consistent Binary Choice," *Journal of Mathematical Economics*, 94, Article 102462.
- Aguiar, Victor H. and Mert Kimya. 2019. "Adaptive Stochastic Search," *Journal of Mathematical Economics*, 81, pp. 74-83.
- Aguiar, Victor H., Roland Pongou, and Jean-Baptiste Tondji. 2018. "A Non-Parametric Approach to Testing the Axioms of the Shapley Value with Limited Data," *Games and Economic Behavior*, 111, pp. 41-63.
- Aguiar, Victor H. and Roberto Serrano. 2017. "Slutsky Matrix Norms: The Size, Classification, and Comparative Statics of Bounded Rationality," *Journal of Economic Theory*, 172, pp. 163-201.
- Aguiar, Victor H., Maria Jose Boccardi, and Mark Dean. 2016. "Satisficing and Stochastic Choice," *Journal of Economic Theory*, 166, pp. 445-482.

### **Smaller Papers**

- Aguiar, Victor H. and Nail Kashaev. 2022. "Random Rank-Dependent Expected Utility." *Games*, 13(1), 13.
- Aguiar, Victor H. and Roberto Serrano. 2018. "Classifying Bounded Rationality in Limited Data Sets: A Slutsky Matrix Approach," *SERIEs Journal of the Spanish Economic Association*, 9(4), pp 389-421.
- Aguiar, Victor H. 2017. "Random Categorization and Bounded Rationality," *Economics Letters*, 159, pp. 46-52.

### **(ii) Chapters in Edited Volumes**

- Aguiar, Victor H., Roland Pongou, Roberto Serrano, and Jean-Baptiste Tondji. 2019. "An Index of Unfairness," in *Handbook of the Shapley Value*, E. Albaba, V. Fragnelli, J. Sanchez-Soriano, eds., New York: Chapman and Hall/CRC. Chapter 3, 18 pages.

### **Unpublished Work**

#### **(i) Articles Currently under Review at Refereed Journals**

- Aguiar, Victor H., Per Hjerstrand, and Roberto Serrano. "A Rationalization of the Weak Axiom of Revealed Preference" March 2022 submitted to *Journal of Political Economy*.
- Aguiar, Victor H. and Nail Kashaev. "Nonparametric Analysis of Dynamic Random Utility Models" April 2022.

**(ii) Articles Currently under Revision**

Aguiar, Victor H. and Nail Kashaev. "Identification and Estimation of Discrete Choice Models with Unobserved Choice Sets," (formerly circulated as Discrete Choice and Welfare Analysis with Unobserved Choice Sets") January 2021 invitation to resubmit to *Journal of Business and Economic Statistics*.

**(iii) Work in Progress**

Aguiar, Victor H., Per Hjerstrand, and Roberto Serrano. Convex Preferences without Transitivity.

Aguiar, Victor H. Robust Semi-Parametric Estimation of Random Coefficient Discrete Choice Models.

***Research Grants***

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| 2022-     | “Nonparametric Estimation of Heterogeneous Multi-Output Production Technologies in Emerging Countries”<br>Role: Co-Investigator (Co-Investigator Nail Kashaev)<br>Grant: Faculty of Social Science Research Grant<br>Grantor: Faculty of Social Science, University of Western Ontario<br>Amount: \$71185 CAD<br>Responsibilities: Full responsibility |
| 2020-     | “Understanding the Effects of Bounded Rationality on Income Inequality”<br>Role: Principal Investigator (Co-Investigator Nail Kashaev)<br>Grant: Faculty of Social Science Research Grant<br>Grantor: Faculty of Social Science, University of Western Ontario<br>Amount: \$45,000 CAD<br>Responsibilities: Full responsibility                        |
| 2019-2021 | “Learning About Consumer Behaviour and Misbehavior using Big Data”<br>Role: Co-Investigator<br>Grant: SSHRCC Insight Development Grant<br>Grantor: Social Sciences and Humanities Research Council of Canada<br>Amount: \$44,624 CAD 1 <sup>st</sup> year; \$24,365 CAD 2 <sup>nd</sup> year<br>Responsibilities: Equal for all grant holders          |

- 2019-2020      “Modeling and Understanding Bounded Rational Consumers Total”  
 Role: Principal Investigator  
 Grant: Faculty of Social Science Research Travel Grant  
 Grantor: Faculty Research Development Fund, University of Western Ontario  
 Amount: \$2,500 CAD  
 Responsibilities: Full responsibility
- 2017-2018      “Identification and Estimation of Random Consideration Sets Models”  
 Role: Principal Investigator  
 Grant: Faculty of Social Science Research Development Grant  
 Grantor: Faculty Research Development Fund, University of Western Ontario  
 Amount: \$9,994 CAD  
 Responsibilities: Equal for all grant holders

### ***Presentations***

#### **(i)      Invited Presentations**

- Barcelona School of Economics (BGSE) Summer Forum on Stochastic Choice, University Pompeu Fabra (Barcelona, Spain) “Does Random Consideration Explain Behavior when Choice is Hard? Evidence from a Large-Scale Experiment,” July 2019
- 19th Annual SAET Conference (Society for the Advancement of Economic Theory), Federico II University of Naples (Ischia, Italy) “Stochastic Revealed Preferences with Measurement Error,” July 2019
- Individual Welfare Analysis based on Behavioral Economics (IWABE) Workshop on Measuring Individual Well-being, Free University of Brussels and Leuven University (Brussels, Belgium) “Does Random Consideration Explain Behavior when Choice is Hard? Evidence from a Large-Scale Experiment,” May 2019
- CIREQ Montreal Microeconomic Theory Conference on Foundations of Discrete Choice, University of Montréal (Montreal, Canada) “Random Consideration Sets with Preference Heterogeneity: Theory and Evidence,” October 2018
- Heterogeneity in Supply and Demand Conference, Boston College (Boston, US) “Estimating High-Dimensional Demand under Bounded Rationality,” December 2016
- 15th SAET (Society for the Advancement of Economic Theory) Conference on Current Trends in Economics, University of Cambridge (Cambridge, UK) “Slutsky Matrix Norms and Revealed Preference Tests of Consumer Behavior,” June 2015

## **(ii) Conference Presentations and Professional Meetings**

ASSA (Allied Social Sciences Association) Econometric Society Paper Session on Econometrics of Decisions and Demand, (San Diego, CA) “Does Random Consideration Explain Behavior when Choice is Hard? Evidence from a Large-Scale Experiment,” January 2020.

ASSA (Allied Social Sciences Association) Econometric Society Session on Econometrics of Decisions and Demand, (San Diego, CA) “Prices, Profits, and Production: Identification and Counterfactuals,” January 2020.

6th Annual Bounded Rationality in Choice Conference (BRIC 6), Columbia University (New York, NY) “Stochastic Revealed Preferences with Measurement Error: Testing for Exponential Discounting in Survey Data,” June 2018

11th World Congress of the Econometric Society, McGill University (Montreal, QC) “Stochastic Choice and Categorization: Inferring Preferences from Psychological Bias,” August 2015

## **(iii) Seminar Presentations**

“A Rationalization of the Weak Axiom of Revealed Preference” 2022-invited Columbia Business School.

2022	University of Michigan, USA.
2022	UC Riverside
2022	Tilburg University
2022	Bristol- Warwick
2022	Simon Fraser University
2022	Virginia Tech
2019	University of Waterloo, Canada

“Stochastic Revealed Preferences with Measurement Error”

2018	Free University of Brussels
2018	Cornell University
2018	Caltech
2018	Arizona State University
2018	Cornell University
2016	University of Montreal
2016	University of Toronto

“Slutsky Matrix Norms and the Size of Bounded Rationality”

2015	NYU
2015	Virginia Tech

## ***Refereeing***

### **(i) Journals**

*Canadian Journal of Economics* (Senior Advisor), *Econometrica*, *American Economic Review*, *Review of Economic Studies*, *Quarterly Journal of Economics*, *Journal of Political Economics*, *Journal of Economic Theory*, *Economic Letters*, *Journal of Public Economics*, *American Economics Journal: Microeconomics*, *International Journal of Game Theory*, *Journal of Mathematical Economics*, *Journal of Business and Economics Statistics*

## **3. Teaching, Mentoring and Advising**

### **(i) Courses Taught**

#### **University of Western Ontario**

2020-2021	Economics 9601A-001	Microeconomics I (PhD)
2019-2020	Economics 9600L-001	Mathematics for Economics PhD Review
2019-2020	Economics 9601A-001	Microeconomics I (PhD)
2018-2019	Economics 3382A-001	Advanced Microeconomics I (UG Honors)
2018-2019	Economics 9600L-001	Mathematics for Economics PhD Review
2018-2019	Economics 9601A-001	Microeconomics I (PhD)
2017-2018	Economics 3382B-001	Advanced Microeconomics I (UG Honors)
2017-2018	Economics 9600L-001	Mathematics for Economists PhD Review
2017-2018	Economics 9612A-001	Advanced Microeconomics I (PhD)
2016-2017	Economics 3382B-001	Advanced Microeconomics I (UG Honors)
2016-2017	Economics 9600L-001	Mathematics for Economists PhD Review
2016-2017	Economics 9601A-001	Microeconomics I (PhD))

#### **Brown University**

### **(i) Teaching Assistant**

Fall 2014	Mathematics for First-Year PhD
Spring 2014	Behavioral Economics (UG)
Fall 2013	Financial Institution (UG)

## ***Mentoring***

#### **University of Western Ontario**

Rachel Cheng	Scholars Elective: Priming Effects on Choice
Aaron Leonard	Scholars Elective: Loss Aversion and Gender Inequality



## ***Graduate Supervision***

### **(i) PhD Thesis Supervisor**

Charles Gauthier (Supervisor)	“Consumption Inequality and Purchasing Efficiency” Expected completion: Summer 2022
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### **(ii) PhD Thesis Committee Member**

Dazhuo Wei	“A Model of Random Attention and Stopping Times”
Meghdad Rahimian	“Environmental Regulations and Manufacturing Clean-up:” Expected completion: Summer 2022.
Terrence Adam Rooney	“The Value and Effect of Perceptiveness in a Market-Entry” Completed: Summer 2020

### **(iii) PhD Summer Paper Advisor**

Hans Martinez	“Cournot Rationalizability and Measurement Error” 2021
Chong Wang	“Rational Inattention Through Motion” 2021
Wilfred Youmbi	“Nonparametric Analysis of Consumer Welfare” 2021
Charles Gauthier	“Nonparametric Identification of Discount Factors under Partial Efficiency” 2018

## **4. University Administrative Duties**

### ***Departmental Service***

Department of Economics, University of Western Ontario

Co-Director, Economic Theory Workshop	2019-2020
Member, Micro PhD Comprehensive Committee	2019-2020, 2018-2019, 2017-2018, 2016-2017
Member, Appointments Committee	2018-2019
Faculty Member-at-Large, Graduate Affairs Committee	2017-2018
Department Representative, Convocation	2017-2018, 2016-2017