Curriculum Vitae

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Dalibor Stevanović

Contact

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Personal Details

Gender : Male. Citizenship : Canadian
Language : French, English, Serbian (native)

Employment Positions

2020-	Full professor and co-director of graduate studies Economics Department, ESG, Université du Québec à Montréal
2016-2020	Associate professor Economics Department, ESG, Université du Québec à Montréal
2012-2016	Assistant professor Economics Department, ESG, Université du Québec à Montréal

Research Positions

2019-	Co-holder of the Chair in Macroeconomics and Forecasting, ESG UQAM
2019-	Chercheur responsable, Pôle CIRANO sur la modélisation
2021-	Research Fellow, Centre for Monetary and Financial Economics
2020-	Senior Fellow, Rimini Center for Economic Analysis
2016-	Fellow, CIRANO

Editorial Positions

2024 -	Guest Editor for *Journal of Econometrics* Themed Issue – "The Econometric Analysis of Financial and Mixed Frequency Data"

Education

2006–2011	Ph.D. Economics, Université de Montréal
2004–2006	M.A. Economics, Université Laval
2000–2004	B.A. Economics, Université Laval

Research fields

Econometrics, Macroeconomics, Finance

Current teaching

Econometrics, Machine Learning, Empirical Macro-Finance at M.A. / Ph.D. level

Publications

1. Goulet Coulombe, P., Leroux, M., Stevanovic, D. and S. Surprenant (2022). How is Machine Learning Useful for Macroeconomic Forecasting, *Journal of Applied Econometrics*, 37(5), 920-964.
2. Moran, K., Stevanovic, D. and A. Touré (2022). Macroeconomic Uncertainty and the Covid-19 Pandemic : Measure and Impacts on the Canadian Economy, *Canadian Journal of Economics*, 55(S1), 379-405.
3. Foroni, C., Marcellino, M. and D. Stevanovic (2022). Forecasting the Covid-19 Recession and Recovery : Lessons from the Financial Crisis, *International Journal of Forecasting*, 38(2), 596-612.
4. Fortin-Gagnon, O., Leroux, M., Stevanovic, D. and S. Surprenant (2022). A Large Canadian Database for Macroeconomic Analysis, *Canadian Journal of Economics*, 55(4), 1799-1833.
5. Goulet Coulombe, P., Leroux, M., Stevanovic, D. and S. Surprenant (2021). Macroeconomic Data Transformations Matter, *International Journal of Forecasting*, 37(4), 1338-1354.
6. Goulet Coulombe, P., Marcellino, M. and D. Stevanovic (2021). Can Machine Learning Catch the COVID-19 Recession ? *National Institute Economic Review*, 256, 71-109.
7. Jacques, P., Leroux, M.-L. and D. Stevanovic (2021). Poverty Among the Elderly : The Role of Public Pension Systems, *International Tax and Public Finance*, 28, 24-67.
8. Barattieri, A., Eden, M. and D. Stevanovic (2020). Risk Sharing, Efficiency of Capital Allocation, and the Connection between Banks and the Real Economy, *Journal of Corporate Finance*, 60, 1015-1038.
9. Boivin, J., Giannoni, M. and D. Stevanovic (2020). Dynamic Effects of Credit Shock in a Data-Rich Environment, *Journal of Business and Economic Statistics*, 38(2), 272-284.
10. Kotchoni, R., Leroux, M. and D. Stevanovic (2019). Macroeconomic forecast accuracy in a data-rich environment, *Journal of Applied Econometrics*, 34(7), 1050-1072.
11. Foroni, C., Marcellino, M. and D. Stevanovic (2019). Mixed frequency models with MA components, *Journal of Applied Econometrics*, 34(5), 688-706.
12. Barattieri, A., Eden, M. and D. Stevanovic (2019). Financial Sector Interconnectedness and Monetary Policy Transmission, *Macroeconomic Dynamics*, 23(3), 1074-1101.
13. Mésonnier, J.-S. and D. Stevanovic (2017). The macroeconomic effects of shocks to large banks' capital, *Oxford Bulletin of Economics and Statistics*, 79(4), 546-569.
14. Bedock, N. and D. Stevanovic (2017). An Empirical Study of Credit Shocks Transmission in A Small Open Economy, *Canadian Journal of Economics*, 50(2), 541-570.
15. Stevanovic, D. (2016). Common Time Variation of Parameters in Reduced-Form Macroeconomic Models, *Studies in Nonlinear Dynamics & Econometrics*, 20(2), 159-183.
16. Mao Takongmo, C.-O. and D. Stevanovic (2015). Selection of the number of factors in presence of structural instability : a Monte Carlo study, in *Identification, Simulation and Finite Sample Inference*, Special Issue of *L'Actualité Économique*, Revue d'analyse économique, 91(1-2).
17. Dufour, J.-M. and D. Stevanovic (2013). Factor-Augmented VARMA Models with Macroeconomic Applications, *Journal of Business and Economic Statistics*, 31(4), 491-506.

Working papers

1. The Demand and Supply of Information about Inflation (with Massimiliano Marcellino)
2. Risk Scenarios and Macroeconomic Forecasts (with Kevin Moran and Stephane Surprenant) (*Submitted*)
3. Factor Augmented Autoregressive Distributed Lag (FADL) Models with Macroeconomic Applications (*Revision requested*)

4. GDP Forecast Accuracy During Recessions (with Rachidi Kotchoni) (*Revision requested*)
5. Monetary Transmission in a Small Open Economy : More Data, Fewer Puzzles, (with Jean Boivin and Marc Giannoni)

Work in progress

1. Panel machine learning : nowcasting state-level fiscal variables with mixed-frequency data (with Philippe Goulet Coulombe and Massimiliano Marcellino)
2. Confidence and the Small Open Macroeconomy : Evidence from Canada (with Kevin Moran, Adam Tour and Stphane Surprenant)
3. Estimation of Non-Gaussian SVAR Using Tensor Singular Value Decomposition (with Alain Guay)
4. Confidence and the (Small Open) Macroeconomy : Evidence from Canada (with Kevin Moran, Stéphane Surprenant and Adam Touré)
5. Common Sources of Instability in Macroeconomic Dynamics (with Pooyan Amir-Ahmadi)

Research grants

2023	SSHRC, Connection grant
2021-2024	SSHRC, Insight Development Grant
2019	SSHRC, Connection grant
2018	SSHRC, Connection grant
2018	Visiting professor grant, Macquarie University
2015-2017	SSHRC, Insight Development Grant
2014-2017	FRQSC, Établissement de nouveaux professeurs
2014-2018	FRQSC, Subvention d'équipe
2012, 2014, 2018	Visiting scholar grant, Fondation de la Banque de France
2014-2015	FODAR, Université du Québec
2012	PAFARC, UQAM

Prizes

1. Harry Johnson Prize for the best paper published in 2022 in Canadian Journal of Economics : A Large Canadian Database for Macroeconomic Analysis.

Book Chapters

1. Stevanovic, D. (2020). Prévision macroéconomique dans l'ère des données massives et de l'apprentissage automatique. In *Le Québec économique 9, Perspectives et défis de la transformation numérique.*

Policy documents

1. Scénarios de risque et prévisions macroéconomiques (with Kevin Moran and Stéphane Surprenant), Rapport de projet 2024RP-02, CIRANO, 2024.
2. Le pessimisme risque de nous plonger dans une récession (with Kevin Moran and Adam Touré), Revue PERSPECTIVES, 2023PJ-09, CIRANO, 2023.

3. Confiance et activité économique : analyse dmpact sur leconomie canadienne (with Kevin Moran and Adam Touré), Rapport de projet, 2023RP-10, CIRANO, 2023.
4. Analyse du marché du travail à lide des données de Google Trends (with Hugo Couture), Rapports de projets, 2021RP-15, CIRANO, 2021.
5. La crise de la COVID-19, l'incertitude macroéconomique et les impacts sur la trajectoire économique du Canada et du Québec, (avec Alain Guay, Alain Paquet et Adam Touré). Dans le cadre de l'appel à la communauté universitaire économique du ministre des Finances du Québec
6. Réflexions pour la relance du Québec : productivité de la main-d'oeuvre, investissements et mutations du commerce international, (avec Jean-Denis Garon, Étienne Lalé, Julien Martin, Florian Mayneris, Sophie Osotimehin et Charles Seguin). Dans le cadre de l'appel à la communauté universitaire économique du ministre des Finances du Québec
7. Prévision de l'activité économique au Québec et au Canada à l'aide des méthodes Machine Learning (with Philippe Goulet Coulombe, Maxime Leroux and Stéphane Surprenant), Rapport de projet 2020RP-18, CIRANO, 2020.
8. Incertitude et effets macroéconomiques : mise à jour dans le contexte de la pandémie COVID-19 (with Kevin Moran and Adam Touré), Perspectives 2020PE-33, CIRANO, 2020.
9. Analyse de la connectivité économique du Canada et du Québec, (with Adam Touré and Julien Martin), Rapport de projet 2020RP-08, CIRANO, 2020
10. Incertitude macroéconomique canadienne : mesure, évaluation et effets sur l'investissement, (with Adam Touré and Kevin Moran), Rapport de projet 2019RP-15, CIRANO, 2019
11. Identification des points de retournement du cycle économique au Canada (with Rachidi Kotchoni and Stéphane Surprenant), Rapport de projet 2019RP-05, CIRANO, 2019
12. Prévisions de l'activité économique en temps de crise (avec Rachidi Kotchoni et Manuel Paquette-Dupuis), Rapport de projet 2019RP-04, CIRANO, 2019
13. Prévision de l'activité économique au Québec, (with Maxime Leroux and Rachidi Kotchoni), Rapport de projet 2016RP-08, CIRANO, 2016.
14. Analyse du cout de la vie des ménages : Comparaison entre Montréal et d'autres villes nord-américaines, (with Jean-Denis Garon), Rapport d'expertise indépendante réalisé pour le compte de la Centrale des Syndicats Nationaux, 2014.
15. Évolution macroéconomique de l'économie québécoise : Une analyse autorégressive vectorielle (VAR), (with Kevin Moran), Rapport de recherche réalisé pour le compte de la Régie des rentes du Québec, 2014.

Proceedings

1. "Analyse du choix modal concernant les déplacements domicile-travail à l'aide d'un modèle logit mixte", *Revue des routes & transports*, volume Le choix du développement durable, June 2007.

Training and workshops

1. Macroeconomic Forecasting and Structural Analysis in Big Data Environment, School of Economics and Business, University of Ljubljana, June 2024
2. Macroeconomic Forecasting and Analysis in the Machine Learning Era, Società italiana di econometria, Summer School of Econometrics, Perugia, June 2023
3. Machine Learning for Macroeconomic Forecasting, Bilateral Assistance and Cooperation with Central Banks, Central Bank of Colombia, February 2022
4. Machine Learning and Financial Applications, Bank of Canada, Ottawa, February 2020
5. Machine Learning and Macroeconomic Applications, Bank of Canada, Ottawa, May 2019
6. Machine Learning and Big Data for Macroeconomic Analysis, pre-conference workshop, 25th International Conference Computing in Economics and Finance, Ottawa, June 2019

7. Center for Monetary and Financial Economics (CMFE) Workshop : Machine Learning and Big Data with Macroeconomics Applications, Carleton University, Ottawa, February 2019
8. Big Data et Machine Learning avec applications économiques et financières, Centre de perfectionnement ESG, UQAM, November 2018
9. CMFE Workshop : Machine Learning with Macroeconomics and Microeconomics Applications, Carleton University, Ottawa, May 2018
10. Factor modeling for forecasting and impulse response analysis in data-rich environment, Finance Canada, Ottawa, May 2018
11. Modélisation et prévision économique dans un environnement riche en données, Centre de perfectionnement ESG, UQAM, June 2017

Invited Seminars

1. University of Belgrade, Belgrade, June 2024
2. Bank of Slovenia, Ljubljana, June 2024
3. Bank of Canada, Ottawa, September 2022
4. York University, Toronto, April 2022
5. Université Laval, Québec, November 2019
6. Carleton University, Ottawa, October 2019
7. University of Belgrade, Belgrade, June 2019
8. University of Pennsylvania, April 2019
9. Australasian Actuarial Education and Research Symposium, Keynote speaker, Sydney, Dec. 2018
10. Macquarie University, December 2018
11. University of Southern California, November 2018
12. Ohio State University, Columbus, November 2017
13. Bank of Canada, Ottawa, November 2017
14. Collegio Carlo Alberto, Torino, June 2016
15. National Bank of Serbia, Belgrade, May 2015
16. Banque de France, Paris, June 2014
17. Banque de France, Paris, June 2013
18. Bank of Canada, Ottawa, March 2013
19. Université Laval, Québec, September 2012
20. Koc University, Istanbul, April 2012
21. Banque de France, Paris, March 2012
22. European Central Bank, February 2012
23. Banque de France, Paris, December 2011
24. European University Institute, November 2011
25. Bank of Canada, February 2011
26. Columbia University, February 2011
27. Université Laval, January 2011
28. Université du Québec à Montréal, January 2011
29. University of Pennsylvania, December 2010

Selected Conference Presentations

1. Canadian Economic Association, Toronto, June 2024
2. CIREQ-CMP Econometrics Conference in Honor of Eric Ghysels, Montréal, May 2024
3. Société canadiennes des sciences économiques, Montréal, May 2024
4. Barcelona GSE Summer Forum, Barcelona, June 2023
5. Canadian Economic Association, Winnipeg, June 2023
6. Société canadiennes des sciences économiques, Québec, May 2023
7. AEA Meetings, New Orleans, January 2023
8. Challenges and Recent Advances in Modelling and Forecasting Inflation, SUERF, November 2022
9. Midwest Macro Meeting, Dallas, November 2022
10. Canadian Economic Association, Ottawa, June 2022
11. Société canadiennes des sciences économiques, Montréal, May 2022
12. 2nd Vienna Workshop on Economic Forecasting 2020, October 2020
13. IWH-CIREQ-GW Macroeconometric Workshop : Forecasting and Uncertainty, October 2020
14. Economic Forecasting in times of COVID, June 2020
15. Econometric Society Winter Meetings, San Diego, January 2020
16. Modelling with Big Data and Machine Learning, Londres, November 2019
17. Canadian Econometrics Study Group, Montréal, October 2019
18. Forecasting at Central Banks Conference, Ottawa, October 2019
19. Econometric Society Summer Meetings, Seattle, June 2019
20. Belgrade Young Economists Conference, Belgrade, June 2019
21. Computing in Economics and Finance, Ottawa, June 2019
22. Barcelona GSE Summer Forum, Barcelona, June 2019
23. 4th Vienna Workshop on High-Dimensional Time Series, Vienna, May 2019
24. Society for Nonlinear Dynamics and Econometrics Conference, Dallas, March 2019
25. Canadian Econometrics Study Group, Ottawa, October 2018
26. International Association for Applied Econometrics, June 2018
27. Annual Meeting of the CEA, Montreal, May 2018
28. 58e Congrès de la SCSE, Montreal, May 2018
29. Canadian Econometrics Study Group, Toronto, October 2017
30. Big Data in Predictive Dynamic Econometric Modeling, Philadelphia, May 2017
31. 57e Congrès de la SCSE, Québec, May 2017
32. New Challenges for Big Data in Economics and Finance Conference, Toronto, November 2016
33. Canadian Econometrics Study Group, London ON, October 2016
34. International Association for Applied Econometrics Annual Conference, Milano, June 2016
35. 50th Annual Meeting of the CEA, Ottawa, May 2016
36. 56e Congrès de la SCSE, Québec, May 2016
37. Econometric Society Winter Meetings, San Francisco, January 2016
38. Econometric Society World Congress, Montréal, August 2015
39. 3th Rimini Time Series Conference, Rimini, June 2015
40. International Association for Applied Econometrics Annual Conference, Thessaloniki, June 2015
41. Barcelona GSE Summer Forum, Barcelona, June 2015

42. Vienna Time Series Conference, Vienna, May 2015
43. 55e Congrès de la SCSE, Montréal, May 2015
44. EC^2 Conference, Barcelona, December 2014
45. International Association for Applied Econometrics Annual Conference, London, June 2014
46. Barcelona GSE Summer Forum, Barcelona, June 2014
47. 48th Annual Meeting of the CEA, Vancouver, May 2014
48. 54e Congrès de la SCSE, Ottawa, May 2014
49. Society for Nonlinear Dynamics and Econometrics Conference, New York City, April 2014
50. Large-Scale Factor Models in Finance Conference - SoFiE, Lugano, October 2013
51. 45^{th} Annual Money Macro and Finance Conference, London, September, 2013
52. 28^{th} Annual Congress of the European Economic Association, Gothenburg, August 2013
53. International Banking, Economics and Finance Association Summer Meeting, Seattle, June 2013
54. International Finance and Banking Society 5^{th} International Conference : "The Search for Financial Stability : Models, Policies and Prospects", Nottingham, UK, June 2013
55. Econometric Society Winter Meetings, San Diego, January 2013
56. AEA Meetings, San Diego, January 2013
57. Second Conference of the Macro-prudential Research network of the European System of Central Banks, ECB, Frankfurt, October 2012
58. 18th International Panel Data Conference, Paris, July 2012
59. After (?) the Storm : Lessons from the Great Recession, Rimini, May 2012
60. 6th Time Series CIREQ Conference, Montréal, May 2012
61. EC^2 Conference, EUI, Florence, December 2011
62. 17th International Panel Data Conference, Montréal, July 2011
63. 45th Annual Meeting of the CEA, Ottawa, June 2011
64. 5th Time Series CIREQ Conference, Montréal, May 2011
65. 51e Congrès de la SCSE, Sherbrooke, May 2011
66. Econometric Society Winter Meetings, Denver, January 2011
67. 4th Time Series CIREQ Conference, Montréal, May 2010
68. 44th Annual Meeting of the CEA, Québec, May 2010
69. Factor Models in Economics and Finance, Cass Business School, London, December 2009
70. Canadian Econometric Study Group Conference, Ottawa, September 2009
71. NBER-NSF Time Series Conference, Davis, September 2009

Conference organization

1. CIREQ-CMP Econometrics Conference in Honor of Eric Ghysels, Montréal, May 2024
2. NBER-NSF Time Series Conference, UQAM, September 2023
3. North American Summer Meeting of Econometric Society, UQAM, June 2021
4. Canadian Econometrics Study Group, UQAM, October 2019
5. 5th Annual Meeting of the International Association for Applied Econometrics, June 2018
6. Workshops on "Factor analysis in economics and finance", within Annual Meetings of the CEA : 2010, 2011, 2013, 2016.

Referee

Review of Economics and Statistics, *Economic Journal*, *Journal of Business & Economic Statistics*, *Journal of Econometrics*, *Quantitative Economics*, *Journal of Applied Econometrics*, *Journal of Monetary Economics*, *Journal of International Economics*, *Journal of Money, Credit and Banking*, *Journal of Economic Dynamics and Control*, *Journal of Financial Econometrics*, *International Journal of Forecasting*, *Canadian Journal of Economics*, *Journal of Applied Economics*, *Empirical Economics*, *Computational Statistics & Data Analysis*, *Journal of Forecasting*, *Journal of Time Series Analysis*

Scholarships

2010-2011	Bourse de fin de doctorat, Université de Montréal
2007-2010	Canada Graduate Scholarship : Doctoral Scholarship, SSHRC

Student Supervision

Ph.D. Dissertations

1. Maxime Leroux (2024). Actual position : Economist (Hydro-Québec)
2. Stéphane Surprenant (in progress)
3. Mustapha Fonton (2023). Actual position : Economist (UNESCO)
4. Adam Touré (in progress)
5. Yann-Yves Dorville (in progress)

Master's Thesis

1. Guillaume Vaudescal (in progress)
2. Sadio Dieng Sarr (in progress)
3. Bassirou Faye (in progress)
4. Jorge Eduardo Mancio Lopez (in progress)
5. Basiles Fotso Kue (in progress)
6. Idi Abdoul Kader (in progress)
7. Nettey Assion Koumou
8. Jihane Kebdani
9. Hugo Couture. First job : Economist, Chaire en macroéconomie et prévisions
10. Amor Aniss Benmoussa. First job : Economist, Bank of Canada
11. Benoit Vincent. First job : Economist, Bank of Canada
12. Alexandre Fontaine. First job : Analyst, Caisse de dépot et de placement
13. Manuel Paquette-Dupuis. First job : Economist, Caisse de dépot et de placement
14. Philippe Jacques. First job : Economist, Analysis Group
15. Maxime Leroux. First job : Economist, Finances Canada
16. Olivier Fortier-Gagnon. First job : Economist, Desjardins.
17. Surprenant, Stéphane. First position : phD Student
18. Adam Touré. First position : PhD Student
19. Miaffo Nkuemo
20. Adantchede Martinien Dansou. First job : Economist, Bénin.
21. Hamidou Mbaye.
22. Rebecca Kanga.

Dissertation Committees

Internal examinator : Jean-Gardy Victor (2017), Yorou Tchakondo (2015), Jeremy Chaudourne (2013), Salaheddine El Omari (2013).

External examinator : Chengyu Zhang (2023, McGill University), Shafiullah Qureshi (2023, Carleton University), Qin Zhang (2020, Macquarie University), Maygol Bandehali (2020, York University), Nyamekye Asare (2017, Université d'Ottawa), Abdellah Manadir (2017, Université Laval), Alexandre Kopoin (2014, Université Laval), Nérée Noumon (2013, Université de Montréal).

Other

2013 -	Conseil d'administration, Société canadienne de sciences économiques
2014 - 2018	Internal examinator : FRQSC, Établissement de nouveaux professeurs
2018 - 2019	Internal examinator : SSHRC, Connection grant