

Georges Dionne

Short curriculum vitae

Academic background

Postdoctoral fellow in economics, CORE, Belgium (supervisor: Jacques Drèze)	1983
Postdoctoral fellow in finance and insurance, Wharton School, University of Pennsylvania (supervisor: Richard Kihlstrom)	1980
Ph.D. in Economics, University of Montreal (supervisor: Marcel Boyer)	1980
M.A. in Economics, University of Ottawa	1974
B.A.A. in administration, École des Hautes Études Commerciales of Montreal	1973

Career

The first part of my career, 1980 to 1996, was spent in the University of Montreal's Department of Economics. Since June 1st 1996, I have been the holder of the Risk Management Chair (which became the Canada Research Chair in Risk Management on January 1st 2004) and a professor in finance at HEC Montréal. From 1996 to 2004, I served as the director of the journal *Assurances et gestion des risques – Insurance and Risk Management*. From 1993 to 2004, I have been an associate researcher for the *Chaire d'économie de l'assurance* at Université de Paris X Nanterre.

Since June 1984, I am an associate researcher with the University of Montreal's *Centre de recherche sur les transports* now the *Centre interuniversitaire de recherche sur les réseaux d'entreprise, la logistique et le transport* (CIRRELT). I served as this Centre's assistant director for two academic years. My principal mandate was to prepare the FCAR-Centre application and the 1995-2000 academic program. During the opening years of this 21st century, I have been the scientific director of Montreal's *Institut de finance mathématique* (IFM²), the founder and codirector of HEC Montréal's Centre for research on e-finance, and the codirector of the *Centre interuniversitaire sur le risque, les politiques économiques et l'emploi* (CIRPÉE). I also set up HEC Montréal's *Laboratoire de calcul en finance et assurance* (LACFAS, now LACED) which received in 2009 from the CFI an additional \$5 million grant under the direction of Michèle Breton. The original grant was \$3.3 million from FCI.

Since 2000, I obtained funding of over \$24 million for investment in the creation of a multidisciplinary research environment (combining finance, economy, and quantitative methods) at HEC Montréal, a research environment which, we are happy to say, measures up to that in all the other Canadian universities. I have been the Editor of *The Journal of Risk and Insurance*, the flagship journal of the American Risk and

Insurance Association, from 2007 to 2013. I have been member of the HEC Montréal board of Directors from 2009 to 2015, President of the Canadian Economic Association in 2012-2013, and President of the European Group of Risk and Insurance Economists (EGRIE) in 2013-2014. I am currently member of the scientific board of SCOR Corporate Foundation for Science (France), member of the Institut Louis Bachelier scientific board (France), member of the Board and of the Audit Committee of SCOR Canada and president of the Risk committee of that board.

My teaching and research activities are marked by a number of achievements:

I published at Kluwer, in 2000, a reference book entitled *Handbook of Insurance*; it contains more than 30 chapters totalling about 1,000 pages and including contributions from the 40 best researchers in the field. This book received in 2002 the Kulp-Wright Book Award from the American Risk and Insurance Association, by which it was described as: ... an outstanding contribution to the literature of risk and insurance. It also received the Risques-Les Échos Special award in France in 2021. This book has been translated in Chinese in 2008. A new and extended edition was published by Springer in December 2013. It also received the Kulp-Wright Book Award in 2015 for this new version. The third edition is forthcoming. The three editions include contributions from the 80 best researchers in the field.

On May 2017, I published the book *Gestion des risques: théories et applications*. This work represents my teaching at the master's level. The English version, *Corporate Risk Management: Theories and Applications*, was published in the Wiley Finance series in 2019.

Other publications: About 20 chapters in various books and more than 175 articles in prestigious scientific journals such as: *Journal of Political Economy* (2); *International Economic Review* (2); *Review of Economic Studies* (2), *Review of Economics and Statistics* (4); *Journal of Risk and Uncertainty* (6); *Journal of Risk and Insurance* (3), *Journal of Econometrics* (2), *Journal of Applied Econometrics* (2); *Astin Bulletin* (3); *Journal of Empirical Finance* (3); *International Journal of Forecasting* (2); *Management Science*, *Journal of Public Economics*, *Journal of the European Economic Association*, *Journal of Banking and Finance* (5), *Journal of Financial and Quantitative Analysis*, *Economic Theory*, and *Journal of Economic Theory*.

Teaching in other universities: Courses for a diploma in advance studies (DEA) at the Université de Paris X Nanterre, from 1993 to 2004, and, for two years, at the Université de Toulouse. Invited professor, Université Paris I la Sorbonne, December 2012, and Ecole Normale Supérieure Paris-Saclay, May 2016.

Presentations: More than 370 scientific international presentations.

Director and codirector of research: 9 postdoctoral trainees (including two from France, one from Belgium and one from China); 36 doctoral candidates (including three in France) and 138 master's papers or reports.

Current supervisions: 2 doctoral theses and 2 master theses.

At least 10 of the postdoctoral students or Ph. D. students supervised have been university professors (Seoul, Toronto, Amsterdam, Strasbourg, Halifax, Paris, Tunis, Casablanca, Montreal).

Grants: SSHRC of Canada since 1981 (about \$30,000 per year); supervision of an FCAR team for many years (about \$50,000 per year per team). SAAQ, MTQ, BAC, and Transport Canada research funds: grants and individual contracts received totalling more than \$2 million. In France, funding comes from the *Fédération française des Sociétés d'Assurances* (about \$40,000 per year from 1993 to 2005). From the Réseau RCM₂, about \$40,000 per year for five years. I have been a member of Canada's MITACS program on the application of mathematics to finance (\$40,000 per year for three years) and as such I worked for three years as an associate researcher at the University of Toronto's Fields Institute. In 2000, I obtained \$3.3 M from the Canadian Foundation for Innovation to create a laboratory for finance and insurance computations at HEC Montréal. In 2002, I obtained \$4.4 million from the SSHRCC and various private partners to create an e-finance research centre. In 2003, in addition to funding from the Canada Research Chair in Risk Management (\$200,000 annually for seven years), I obtained \$258,000 from the Canadian Fund for Innovation and the Quebec government to acquire the computer equipment needed to support this new Chair's scientific programming. In 2004, the Bank of Canada asked me to develop a new model for predicting corporate bankruptcies (\$15,000). This new research program, designated macrofinance, consists in fine-tuning corporate microeconomics data for use in reorienting the Bank of Canada's intervention models. I have also obtained a five-year grant from CGI (\$375,000 over 5 years) in order to develop models for managing the risks associated with their principal clients. In 2011, the funding of the Canada Research Chair in Risk Management has been renewed for seven years, accompanied by a financial support of \$714,000 from FCI and Quebec Government to develop a high performance laboratory for computation in finance and assurance at CIRRELT. In 2018, the budget of the Canada Research Chair in Risk Management has been once again renewed, along with a financial contribution of \$1.9 billion from CFI and Quebec government for supporting new researches on market microstructure, including high frequency trading activities. More recently, I received two important grants from the SCOR Foundation for Science: *The effects of climate risks on non-life insurer's resilience*, 300 000 euros, 2020-2023; *The effects of inflation on insurers' performance and value*, 320 000 euros, 2023-2025.

Main achievements:

- 2022 Harris Schlesinger prize for research excellence
- 2021 Kulp-Wright Book Award for the book *Corporate Risk Management: Theories and Applications*
- Fellow of the Canadian Economic Association since 2019
- Member of the Organizing Committee of the World Congress of the Econometric Society, Montréal, 17-21 August, 2015

- Board of Directors and Audit Committee, and President of the Risk Committee, SCOR Canada since May 2013
- Board of Directors of HEC Montréal from June 2009 to June 2015
- President of the European Group of Risk and Insurance Economists (EGRIE) in 2013
- President of the Association canadienne d'économique/Canadian Economic Association in 2012
- President of the Risk Theory Society, American Risk and Insurance Association in 2001
- President of the *Société canadienne de science économique*, 1997-1998
- Member of the editorial committee for nine international journals: *Asia Pacific Journal of Risk and Insurance*, *Assurances et gestion des risques/Insurance and Risk Management*, *Economics Research International*, *Geneva Papers on Risk and Insurance: Issues and Practice*, *Journal of Risk and Uncertainty*, *L'Actualité économique*, *Risks*, *Risques – Les cahiers de l'assurance*, *The Geneva Risk and Insurance Review*, *Risks*
- Guest professor at the Wharton School for one year, 1986-1987, at the Université de Paris X Nanterre, 1993-1994, and at Georgia State University, March to May 2009
- Guest researcher (1-to-3 month periods) in Toulouse (France), at CORE (Belgium), at CEPREMAP (France), at the Wharton School (United States), at CNRS (France), at École Polytechnique (France), at the University of Southern California (United States), at the Université Paris I Sorbonne, and at the École Normale Supérieure Paris-Saclay
- Coresponsible of the study for la *Société de l'assurance automobile du Québec* that proposed the pricing of automobile insurance based on demerit points, 1982-1985. Insurance pricing was modified in 1992.

Research fields

- Risk management for private and social risks
- Microeconomic theory under uncertainty (financial contracts, insurance contracts)
- Asymmetrical information (moral hazard and adverse selection)
- Insurance and portfolio decision making
- High frequency trading
- Climate risk and insurance industry financial capacity
- Inflation and insurance industry

Prize awards – Merit of honors

Harris Schlesinger prize for research excellence	2022
Kulp-Wright Book Award for the book <i>Corporate Risk Management: Theories and Applications</i>	2021
American Risk and Insurance Best Article Award	2020
Fellow, Canadian Economics Association	2019
2017 best paper award in the Journal of Operational Risk	2018
John S. Bickley Founder's Award of the International Insurance Society	2017
Fellow, Institut Louis Bachelier, France	2016
Pierre-Laurin Award, HEC Montréal's top prize for research excellence	2016
Kulp-Wright Book Award for the Second edition of the Handbook of Insurance	2015
Best paper award from the <i>Geneva Risk and Insurance Review</i>	2015
Article selected for inclusion in the collection of 10 articles in the <i>Geneva Risk and Insurance Review</i> to mark its 40 th anniversary	2015
Second best paper to the IFM ² 2012 Conference	2012
Marcel-Dagenais Award, Société canadienne de science économique	2012
Jean Guertin Award, HEC Montréal's top prize for teaching excellence in recognition of having introduced and developed the teaching of risk management in all HEC Montréal education programs.	2011
Innis-Gérin Medal from the Royal Society of Canada	2011
Research prize Pierre Laurin for the scientific contribution during the years 2006-2009, HEC Montréal.	2009
One of the 30 researchers chosen by SSHRC for celebrating 30 years of cultivating excellence in Canadian social sciences and humanities research	2008
Honor alumni, Faculty of arts and sciences, Université de Montréal	2008
<i>Global Association of Risk Professionals (GARP) Award for the best paper in risk management at the 2008 Financial Management Association European Conference (with O. Maalaoui and P. François).</i>	2008

Honoris causa conferred by the Université d'Orléans.	2006
PRMIA Institute Award for the best paper in risk management at the 2006 <i>Financial Management Association European Conference</i> (with M. Pacurar and P. Duchesne).	2006
Bank of Canada Research Award for the best Canadian financial market paper at the 2006 <i>Northern Finance Association Conference</i> (with M. Pacurar and P. Duchesne).	2006
Research prize Pierre Laurin <i>ex æquo</i> for the scientific contribution during the years 2000-2003, HEC Montréal.	2003
Kulp-Wright Book Award of the American Risk and Insurance Association for the <i>Handbook of Insurance</i> .	2002
Gérard-Parizeau award for exceptional contribution in the field of insurance and risk management.	2002
François-Albert Angers award (HEC Montréal) for the <i>Handbook of Insurance</i> .	2001
<i>Risques-Les Échos</i> Special award (France) for the <i>Handbook of Insurance</i> .	2001
President, Risk Theory Society, American Risk and Insurance Association.	2001
Elected member of The Royal Society of Canada.	2000
Marcel-Vincent award (Acfas – social sciences) for contribution in the field of insurance economics.	1999
Research prize Pierre Laurin for the scientific contribution during the years 1995-1998, HEC Montréal.	1998
Prize for the Clifford D. Spangler of the Fondation Alpha, Kappa, Psi (U.S.A.) for the paper Moral Hazard and State Dependent Utility Function, <i>Journal of Risk and Insurance</i> (1982).	1992
Award of the <i>Société canadienne de science économique</i> for the scientific contribution during the years 1984–1990.	1991
Fellow of the Huebner Foundation (Wharton School, University of Pennsylvania).	1986/ 1987
<i>Prêt d'Honneur</i> for postdoctoral studies.	1980

Public profile

- h-index equal to 56 on the Google Scholar site
- Citations in articles and books: More than 10,800 in Google Scholar; on average, more than 550 per year over the last five years
- According to Google Scholar, among the 2 top insurance economic researchers and among the 25 top risk management researchers in the world
- According to RePEc, among the 30 top economists in Canada (weighted rank publication)
- According to RePEc, among the 15 top risk management researchers in the world
- According to research.com, among the 20 best researchers in economics and finance in Canada (D-index)
- Over the last years, my research documents have been downloaded more than 60,000 times via the American SSRN network
- Consultant for the Insurance Institute of Canada for the preparation of the document Enterprise Risk Management (ERM) in the Insurance Sector (2009-2013)
- Consultant for the Insurance Bureau of Canada (1994) on insurance fraud and in charge of the report on airline security for the Transportation Safety Board of Canada (1993)
- Fifth among the researchers most often quoted in the Geneva Papers on Risk and Insurance Theory

Significant publications

Books

Dionne, G., *Corporate Risk Management: Theories and Applications*, John Wiley & Sons, 2019.

Dionne, G., *Gestion des risques: théories et applications*, Economica, France, 2017.

Dionne, G. (Ed.), *Handbook of Insurance, 2nd Edition*, Springer, New York, 1126 pages, 2013. Paperback version, 2013, financed by Association de Genève pour l'étude du risque de l'assurance (The Geneva Association).

Dionne, G. (Ed.), *Handbook of Insurance*, Kluwer Academic Publishers, 1008 pages, 2000. Paperback version, 2001, financed by the Association de Genève pour l'étude du risque de l'assurance (Geneva Association). Translated into Chinese, 2008.

Dionne, G., Laberge-Nadeau, C. (Eds), *Automobile Insurance: Road Safety, New Drivers, Risks, Insurance Fraud and Regulation*, Kluwer Academic Publishers, 370 pages, 1999.

Dionne, G. (Ed.), *Contributions to Insurance Economics*, Kluwer Academic Publishers, 524 pages, 1992.

Dionne, G., Harrington, S. (Eds), *Foundations of Insurance Economics – Readings in Economics and Finance*, Kluwer Academic Publishers, 728 pages, 1992.

Dionne, G. (Ed.), *Incertain et information*, Vermette-Economica Editions Montreal-Paris, 289 pages, 1988.

Book chapters

Dionne, G., Rothschild, C., Risk classification and health insurance, in *Encyclopedia of Health Economics* vol. 3, A.J. Culyer (Ed.), San Diego: Elsevier, 272-280, 2014.

Dionne G. and Harrington, S. Insurance and Insurance Markets. In M.J. Machina and W.K. Viscusi (Eds), *Handbook of the Economics of Risk and Uncertainty* volume 1, Elsevier North-Holland, 203-261, 2014.

Dionne, G., Fombaron, N., Doherty, N., Adverse Selection in Insurance Contracting, in G. Dionne (Ed.), *Handbook of Insurance*, 2nd Edition, Springer, New York, 231-280, 2013.

Dionne, G. The Empirical Measure of Information Problems with Emphasis on Insurance Fraud and Dynamic Data, in G. Dionne (Ed.), *Handbook of Insurance*, 2nd Edition, Springer, New York, 423-448, 2013.

Leading articles

Dionne, G., Li, J., Okou, C., An alternative representation of the C-CAPM with higher-order risks, *The Geneva Risk and Insurance Review* 49, 194–233, 2024.

Poutré, C., Dionne, G., Yergeau, G., The profitability of lead-lag arbitrage at high-frequency, *International Journal of Forecasting* 40, 3, 1002-1021, 2024.

Saissi Hassani, S., Dionne, G., Using skewed exponential power mixture for VaR and CVaR forecasts to comply with market risk regulation, *Journal of Risk* 25, 6, 2023.

Poutré, C., Dionne, G., Yergeau, G., International high-frequency arbitrage for cross-listed stocks, *International Review of Financial Analysis* 89, article no. 102777, 2023.

Dionne, G., El Hraiki, R., Mnasri, M., Determinants and real effects of joint hedging: An empirical analysis of US oil and gas producers, *Energy Economics* 124, article no. 106801, 2023.

Desjardins, D., Dionne, G., Lu, Y., Hierarchical random-effects model for insurance pricing of vehicles belonging to a fleet, *Journal of Applied Econometrics* 38, 2, 242-259, 2023.

Fortin, A.P., Simonato, J.G., Dionne, G., Forecasting expected shortfall: Should we use a multivariate model for stock market factors?, *International Journal of Forecasting* 39, 1, 314-331, 2023.

Desjardins, D., Dionne, G., Koné, N., Reinsurance demand and liquidity creation: A search for bicausality, *Journal of Empirical Finance* 66, 137-154, 2022.

Cenesizoglu, T., Dionne, G., Zhou, X., Asymmetric effects of the limit order book on price dynamics, *Journal of Empirical Finance* 65, 77-98, 2021.

Dionne, G., Liu, Y., Effects of insurance incentives on road safety: Evidence from a natural experiment in China, *Scandinavian Journal of Economics* 123, 2, 453-477, 2021.

Akari, M.A., Ben-Abdallah, R., Breton, M., Dionne, G., The impact of central clearing on the market for single-name credit default swaps, *North American Journal of Economics and Finance* 56, no 101346, 2021.

Dionne, G., Zhou, X., The dynamics of ex-ante weighted spread: An empirical analysis, *Quantitative Finance* 20, 4, 593-617, 2020.

Angers, J.F., Desjardins, D., Dionne, G., Guertin, J.F., Modelling and estimating individual and firm effects with count panel data, *Astin Bulletin* 48, 1049-1078, 2018.

Dionne, G., Gueyie, J.P., Mnasri, M., Dynamic Corporate risk management: motivations and real implications, *Journal of Banking and Finance* 95, 97-111, 2018.

Mnasri, M., Dionne, G., Gueyie, J.P., The use of nonlinear hedging strategies by US oil producers: Motivations and implications, *Energy Economics* 63, 348-364, 2017.

Dionne, G., Saissi Hassani, S., Hidden Markov regimes in operational loss data: Application to the recent financial crisis, *Journal of Operational Risk* 12, 1, 23-51, 2017.

Bergerès, A.S., D'Astous, P., Dionne, G. Is there any dependence between consumer credit line utilization and default probability on a term loan? Evidence from bank-customer data, *Journal of Empirical Finance* 33, 276-286, 2015.

Dionne, G., La Haye, M., Bergerès, A.S., Does asymmetric information affect the premium in mergers and acquisitions?, *Canadian Journal of Economics* 48, 3, 819-852, 2015.

Dionne, G., Pacurar, M., Zhou, X., Liquidity-adjusted intraday value at risk modeling and risk management: An application to data from Deutsche Börse, *Journal of Banking and Finance* 59, 202-219, 2015.

Maalaoui Chun, O., Dionne, G., François, P., Detecting regime shifts in credit spreads, *Journal of Financial and Quantitative Analysis* 49, 5/6, 1339-1364, 2014.

Malekan, S., Dionne, G., Securitization and optimal retention under moral hazard, *Journal of Mathematical Economics* 55, 74-85, 2014.

Dionne, G., Li, J., When can expected utility handle first-order risk aversion?, *Journal of Economic Theory* 154, 403-422, October 2014.

Maalaoui Chun, O., Dionne, G., François, P. Credit spread changes within switching regimes, *Journal of Banking and Finance* 49, 41-55, 2014.

Dionne, G., Maalaoui Chun, Olfa. Default and liquidity regimes in the bond market during the 2002-2012 period, *Canadian Journal of Economics* 46, 4, 1160-1195, 2013.

Dionne, G., Michaud, P.C., Dahchour, M. Separating moral hazard from adverse selection and learning in automobile insurance: Longitudinal evidence from France, *Journal of the European Economic Association* 11, 4, 897-917, 2013.

Dionne, G., Wang, L. Does insurance fraud in automobile theft insurance fluctuate with the business cycle?, *Journal of Risk and Uncertainty* 47, 67-92, 2013.

Bourgeon, J.M., Dionne, G. On debt service and renegotiation when debt-holders are more strategic, *Journal of Financial Intermediation* 22, 353-372, 2013.

Aboul-Enein, S., Dionne, G., Papageorgiou, N., Performance analysis of a collateralized fund obligation (CFO) equity tranche, *The European Journal of Finance* 19, 6, 518-553, 2013.

Dionne, G., Triki, T. On risk management determinants: What really matters?, *European Journal of Finance* 19, 2, 145-164, 2013.

Dionne, G., Laajimi, S., On the determinants of the implied default barrier, *Journal of Empirical Finance* 19, 395-408, 2012.

Dionne, G., Ouederni, K., Corporate risk management and dividend signaling theory, *Finance Research Letters* 8, 188-195, 2011.

Dionne, G., Li, J., The impact of prudence on optimal prevention revisited, *Economics Letters* 113, 147-149, 2011.

Dionne, G., Gauthier, G., Hammami, K., Maurice, M., Simonato, J.G., A reduced form model of default spreads with Markov-switching macroeconomic factors, *Journal of Banking and Finance* 35, 8, 1984-2000, 2011.

Dionne, G., Pinquet, J., Maurice, M., Vanasse, C. Incentive mechanisms for safe driving: A comparative analysis with dynamic data, *The Review of Economics and Statistics* 93, 1, 218-227, 2011.

- Dahen, H., Dionne, G., Scaling models for the severity and frequency of external operational loss data, *Journal of Banking and Finance* 34, 1484-1496, 2010.
- Dionne, G., Hammami, K., Gauthier, G., Maurice, M., Simonato, J.G., Default risk in corporate yield spreads, *Financial Management* 39, 2, 707-731, 2010.
- Dionne, G., Duchesne, P., Pacurar, M., Intraday value at risk (IVaR) using tick-by-tick data with application to the Toronto Stock Exchange, *Journal of Empirical Finance* 16, 5, 777-792, 2009.
- Dionne, G., St-Amour, P., Vencatachellum, D., Asymmetric information and adverse selection in Mauritian slave auctions, *Review of Economic Studies* 76, 1269-1295, 2009.
- Cummins, D., Dionne, G., Gagné, R., Nourira, A., Efficiency of insurance firms with endogenous risk management and financial intermediation activities, *Journal of Productivity Analysis* 32, 2, 145-159, 2009.
- Bellavance, F., Dionne, G., Lebeau, M., The value of a statistical life: A meta-analysis with a mixed effects regression model, *Journal of Health Economics* 28, 2, 444-464, 2009.
- Dionne, G., Giuliano, F., Picard, P., Optimal auditing with scoring: Theory and application to insurance fraud, *Management Science* 55, 58-70, 2009.
- Chakroun, O., Dionne, G., Dugas-Sampara, A., Empirical evaluation of the asset allocation puzzle, *Economics Letters* 100, 304-307, 2008.
- Dionne, G., Laajimi, S., Mejri, S., Petrescu, M., Estimation of the default risk of publicly traded companies: Evidence from Canadian data, *Canadian Journal of Administrative Sciences* 25, 2, 134-152, 2008.
- Dionne, G., Fluet, C., Desjardins, D., Predicted risk perception and risk-taking behavior: The case of impaired driving, *Journal of Risk and Uncertainty* 35, 3, 237-264, 2007.
- Dionne, G., Dostie, B., New evidence on the determinants of absenteeism using linked employer-employee data, *Industrial and Labor Relations Review* 61, 1, 108-120, 2007.
- Alarie, Y., Dionne, G., Lottery qualities, *Journal of Risk and Uncertainty* 32, 195-216, 2006.
- Angers, J.F., Desjardins, D., Dionne, G., Guertin, F., Vehicle and fleet random effects in a model of insurance rating for fleets of vehicles, *Astin Bulletin* 36, 1, 25-77, 2006.
- Dionne, G., Ghali, O. The (1992) Bonus-malus system in Tunisia: An empirical evaluation, *Journal of Risk and Insurance* 72, 4, 609-633, 2005.

Blanchard, D., Dionne, G., The case for independent risk management committees, *Risk* 17, 5, S19-S21, 2004.

Dachraoui, K., Dionne, G., Eeckhoudt, L., Godfroid, P., Comparative mixed risk aversion: Definition and application to self-protection and willingness to pay, *Journal of Risk and Uncertainty* 29, 3, 261-276, 2004.

Dionne, G., Lanoie, P., Public choice about the value of a statistical life: The case of road safety, *Journal of Transport Economics and Policy* 38, 2, 247-274, 2004.

Dionne, G., Spaeter, S., Environmental risk and extended liability: The case of green technologies, *Journal of Public Economics* 87, 5-6, 1025-1060, 2003.

Dionne, G., Gagné, R., Replacement cost endorsement and opportunistic fraud in automobile insurance, *Journal of Risk and Uncertainty*, 213-230, 2002.

Alarie, Y., Dionne, G., Lottery decisions and probability weighting function, *Journal of Risk and Uncertainty* 22, 1, 21-33, 2001.

Dionne, G., Gagné, R. Deductible contracts against fraudulent claims: Evidence from automobile insurance, *Review of Economics and Statistics* 83, 2, 290-301, 2001.

Dionne, G., Gouriéroux, C., Vanasse, C., Testing for evidence of adverse selection in the automobile insurance market: A comment, *Journal of Political Economy* 109, 2, 444-453, 2001.

Dionne, G., Fluet, C., Full pooling in multi-period contracting with adverse selection and noncommitment, *Review of Economic Design* 5, 1, 1-21, 2000.

Dionne, G., Caillaud, B., Jullien, B., Corporate insurance with optimal financial contracting, *Economic Theory* 16, 1, 77-105, 2000.

Dionne, G., Gagné, R., Vanasse, C., Measuring technical change and productivity growth with varying output qualities and incomplete panel data, *Journal of Econometrics* 87, 303-327, 1998.

Dionne, G., Gagné, R., Gagnon, F., Vanasse, C., Debt, moral hazard and airline safety: An empirical evidence, *Journal of Econometrics* 79, 379-402, 1997.

Dionne, G., Gollier, C., A model of comparative statics for changes in stochastic returns with dependent risky assets, *Journal of Risk and Uncertainty* 13, 147-162, 1996.

Dionne, G., Artis, M., Guillen, M., Count data models for a credit scoring system, *Journal of Empirical Finance* 3, 303-325, 1996.

Dionne, G., Doherty, N., Adverse Selection, Commitment and renegotiation: Extension to and evidence from insurance markets, *Journal of Political Economy* 102, 2, 209-235, 1994.

Dionne, G., Eeckhoudt, L., Gollier, C., Increases in risk and optimal portfolio, *International Economic Review* 34, 2, 309-320, 1993.

Doherty, N., Dionne, G., Insurance with undiversified risk: Contract structure and organizational form of insurance firms, *Journal of Risk and Uncertainty* 6, 2, 187-203, 1993.

Dionne, G., Vanasse, C., Automobile insurance ratemaking in the presence of asymmetrical information, *Journal of Applied Econometrics* 7, 2, 149-165, 1992.

Dionne, G., St-Michel, P., Workers' compensation and moral hazard, *Review of Economics and Statistics* LXXXIII, 2, 236-244, 1991.

Dionne, G., Vanasse, C., A Generalization of automobile insurance rating models: The negative binomial distribution with a regression component, *Astin Bulletin* 19, 2, 199-212, 1990.

Boyer, M., Dionne, G., An empirical analysis of moral hazard and experience rating, *Review of Economics and Statistics* LXXXI, 1, 128-134, 1989.

Dionne, G., Lasserre, P., Adverse selection, repeated insurance contracts and announcement strategy, *Review of Economic Studies* 70, 4, 719-724, 1985.

Dionne, G., Eeckhoudt, L., Self-insurance, self-protection and increased risk aversion, *Economics Letters*, 39-43, 1985.

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