

Rolf Aaberge

Curriculum Vitae

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Nationality: Norwegian

Date of birth: 25 July 1949

Current position: Senior Research Fellow (Professor equivalent position),
Research Department,
Statistics Norway

Education: Cand.Real 1976, Mathematical statistics, University of Oslo

Experience:

- 1977-1983: Methods Division, Statistics Norway.
Fields of work: Planning and analysis of sample surveys, development of statistical methods.
- Fall 1983: Ministry of Finance. Budget models for public expenditures.
- 1983-1986: Division of Demography, Statistics Norway.
Fields of work: Duration of unemployment, gross flows in the labor market.
- 1986-1996: Microeconometric Research Division, Statistics Norway.
Fields of work: Labor supply and taxation, unemployment, poverty, income distribution and social welfare.
- 1988/1989: Consultant to the Women in Development Division of the World Bank.
Fields of work: Household production, time allocation, and welfare in Peru.

- 1991-1995: Project leader of a joint project with the Research Department, Statistical Bureau of China
Fields of work: Income distribution and savings in the provinces Sichuan and Liaoning.
- 1996 - : Directors staff, Research Department. Fields of work: Labor supply and taxation, public finance, poverty, income distribution and social welfare, econometrics and statistical methods.
- 1998 - 2005: Research consultant at the Frisch Centre of Economic Research, Oslo, Norway.
- 2000 -: Member of the Scientific Council of the Centre for Household, Income, Labor and Demographic economics (CHILD), Torino, Italy.
- 2005 -: Research Fellow at Institute for the Study of Labour (IZA), Bonn, Germany.
- 2007 -: Member of the Editorial Board of *the Journal of Economic Inequality*
- 2009 - 2015: Member of the Scientific Council of the Society for the Study of Economic Inequality (ECINEQ) 2
- 2012 - : Professor II at ESOP – Centre of Excellence at the Department of Economics, University of Oslo
- 2015 - : Member of the Scientific Council of *the International Journal of Microsimulation*
- Fellowships:* International Centre for Economic Research (ICER) Fellow, Torino, Italy, 1998, 1999, 2000, 2002, 2003, 2005, 2006, 2007, 2008.

Publications:

Articles in refereed international journals

In Economics:

1. “Political Uncertainty and Household Savings” (with Kai Liu and Yu Zhu), *Journal of Comparative Economics* (To appear), 2015.
2. “Inequality in current and lifetime income” (Co-author Magne Mogstad), *Social Choice and Welfare*, DOI 10.1007/s00355-014-0838-3, 1-14, 2014.
3. “Using a Microeconometric Model of Household Labour Supply to Design Optimal Income Taxes” (Co-author Ugo Colombino), *Scandinavian Journal of Economics*, **115**, 449-475, 2013.

4. "Accounting for Family Background when Designing Optimal Income Taxes: A Microeconometric Simulation Analysis" (Co-author Ugo Colombino), *Journal of Population Economics*, **25**, 741 – 761, 2012.
5. "Robust Inequality Comparisons" (Co-author Magne Mogstad), *Journal of Economic Inequality*, **9**, 353 – 371, 2011.
6. "Empirical Rules of Thumb for Choice under Uncertainty", *Theory and Decision*, **71**, 431-438, 2011.
7. "Measuring Log-Term Inequality of Opportunity" (Co-authors Magne Mogstad and Vito Peragine), *Journal of Public Economics*, **95**, 193-204, 2011.
8. "The Distributional Impact of Public Services when Needs Differ" (Co-authors M. Bhuller, A. Langørgen and M. Mogstad), *Journal of Public Economics*, **94**, 549-562, 2010.
9. "Evaluating Alternative Representations of the Choice Sets in Models of Labour Supply" (Co-authors U. Colombino and T. Wennemo), *Journal of Economic Surveys*, **3**, 586 – 612, 2009.
10. "Ranking Intersecting Lorenz Curves", *Social Choice and Welfare*, **33**, 235 – 259, 2009.
11. "Gini's Nuclear Family", *Journal of Economic Inequality*, **5**, 305 - 322, 2007.
12. "Region-specific versus Country-specific Poverty Lines in Analysis of Poverty" (Co-authors M. Mogstad and A. Langørgen), *Journal of Economic Inequality*, **5**, 115-122, 2007.
13. "Decomposition of Rank-dependent Measures of Inequality by Subgroups" (Co-authors S. Bjerve and K. Doksum), *Metron*, LXIII, 493 - 503, 2006.
14. "Measuring the Benefits from Public Services: The Effects of Local Government Spending on the Distribution of Income in Norway" (Co-author Audun Langørgen), *Review of Income and Wealth*, **52**, 61 – 83, 2006.
15. "Assimilation Effects on Poverty among Immigrants in Norway" (Co-author Taryn Galloway), *Journal of Population Economics*, **18**, 691 – 718, 2005.
16. "Birds of a Feather Flock Together: The Impact of Choice of Spouse on Family Labor Income Inequality" (Co-authors Julie Aslaksen and Tom Wennemo), *Labour*, **19**, 491- 516, 2005.

17. "Do More Equal Slices Shrink the Cake? An Empirical Evaluation of Tax-Transfer Reform Proposals in Italy" (Co-authors Ugo Colombino and Steinar Strøm), *Journal of Population Economics*, **17**, 767 - 785, 2004.
18. "Fiscal and Spending Behavior of Local Governments: Identification of Price Effects when Prices are not observed", (Co-author A. Langørgen), *Public Choice*, **117**, 125-161, 2003.
19. "To what Extent do Fiscal Regimes Equalize Opportunities for Income Acquisition among Citizens?" (Co-authors John E. Roemer, Ugo Colombino et al.), *Journal of Public Economics*, **87**, 539-565, 2003.
20. "Income Inequality and Income Mobility in the Scandinavian Countries Compared to the United States". (Co-authors A. Bjørklund, M. Jäntti, M. Palme, P.J. Pedersen, N. Smith and T. Wennemo), *Review of Income and Wealth*, **48**, 443-469, 2002.
21. "Potential Demand for Alternative Fuel Vehicles" (Co-authors J. K. Dagsvik, T. Wennemo and D. Wetterwald), *Transportation Research Part B: Methodological*, **36**, 361 - 384, 2002.
22. "Axiomatic Characterization of the Gini Coefficient and Lorenz Curve Orderings", *Journal of Economic Theory*, **101**, 115-132, 2001.
23. "Sampling Errors and Cross-Country Comparisons of Income Inequality", *Journal of Income Distribution*, **10**, 75-82, 2001.
24. "The Pattern of Household Savings during a Hyperinflation: The Case of Urban China in the late 1980s", (with Y. Zhu), *Review of Income and Wealth*, **47**, 181-202, 2001.
25. "Unemployment Shocks and Income Distribution: How Did the Nordic Countries Fare During their Crises?", (with A. Bjørklund, M. Jäntti, P.J. Pedersen, N. Smith and T. Wennemo), *Scandinavian Journal of Economics*, **102**, 77-99, 2000.
26. "Characterization of Lorenz Curves and Income Distributions", *Social Choice and Welfare*, **17**, 639-653, 2000.
27. "Labor Supply Responses and Welfare Effects from Replacing Current Tax Rules by a Flat Tax: Empirical Evidence from Italy, Norway and Sweden", (with U. Colombino and S. Strøm), *Journal of Population Economics*, 595-621, 2000.
28. "Labor Supply in Italy: An Empirical Analysis of Joint Household Decisions, with Taxes and Quantity Constraints", (with U. Colombino and S. Strøm), *Journal of Applied Econometrics*, **14**, 403-422, 1999.
29. "Evaluating Alternative Tax Reforms in Italy with a Model of Joint Labor Supply of Married Couples", (with U. Colombino, S. Strøm and T. Wennemo), *Structural Modelling and Economic Dynamics*, **9**, 415-433, 1998.

30. "The Sensitivity of Income Inequality to Choice of Equivalence Scales", (with I. Melby), *Review of Income and Wealth*, 44, 4, 565-570, 1998.
31. "The Trend in Income Inequality in Two Chinese Provinces, 1986-1990", (with X. Li), *Review of Income and Wealth*, 43, 3, 335-355, 1997.
32. "Interpretation of Changes in Rank-Dependent Measures of Inequality", *Economics Letters*, 55, 215-219, 1997.
33. "Unemployment Duration Models with Non-Stationary Inflow and Unobserved Heterogeneity", *Ricerche Economiche*, 50, 163-172, 1996.
34. "Labor Supply Responses and Welfare Effects of Tax Reforms", (with J. Dagsvik and S. Strøm), *Scandinavian Journal of Economics*, 97, 635-659, 1995.

In statistics:

35. "Modeling Inequality and Spread in Multiple Regression" (with S. Bjerve and K. Doksum). In J. Rojo (Ed.): The 2nd Erich L. Lehmann Symposium - Optimality, IMS Lecture Notes and Monograph Series, Vol. 49, 120-130, 2006.
36. "A Class of Exact UMP Unbiased Tests for Conditional Symmetry in Small Sample Square Contingency Tables" (With Li Chun Zhang), *Journal of Applied Statistics*, 32, 333-341, 2005.
37. "UMP Unbiased Tests for Multiparameter Testing Problems with Restricted Alternatives", *Metrika*, 50, 179-193, 2000.
38. "On the Problem of Measuring the Distance between Distribution Functions: Analysis of Hospitalization versus Mortality", (with P. Laake and K. Laake), *Biometrics*, 41, 515-523, 1985.
39. "Asymptotic Efficiency of Certain Tests for Comparison of Proportions", *Scandinavian Journal of Statistics*, 10, 125-133, 1983.
40. "Plots and Tests for Symmetry", (with K. A. Doksum and G. Fenstad), *Biometrika*, 64, 437-87, 1977.

Books and book chapters

1. "Multidimensional Poverty and Inequality" (Joint with Andrea Brandolini). Chapter 3 in Anthony B. Atkinson and Francois Bourguignon (Eds.): *Handbook of Income Distribution - Volume 2A*. North-Holland, Elsevier, Oxford OX5 1GB, UK, 2015.
2. "Labour Supply Models" (Joint with Ugo Colombino). Chapter 7 in Cathal O'Donoghue (Ed.): *Handbook in Microsimulation Modelling – Contributions to Economic Analysis*. Emerald Group Publishing Limited, UK, 2014.
3. "The Impact of Basic Public Services on the Distribution of Income in European Countries" (Joint with A. Langørgen and P. Lindgren). In A. B. Atkinson and E. Marlier (Eds.): *Income and living conditions in Europe*, Office for Official Publications of the European Communities, Luxembourg, 329-344, 2010.
4. "Top Incomes in Norway" (Joint with Tony Atkinson). In T. Atkinson and T. Piketty (Eds.): *Top Incomes A Global Perspective*, Oxford University Press, Oxford, 448-482, 2010.
5. "Alternative Methods for Ranking Income Distributions by Inequality". I Ofstad, B., O. Bjerkholt, K. Skrede og A. Hylland (red.): *Rettferd og politikk. Festschrift til Hilde Bojer*. Emilia forlag, Oslo, 186-202, 2009.
6. "Comparability of income data across households/individuals and over time", *Comparative EU Statistics on Income and Living Conditions: Issues and Challenges* (with E. Fjærli, M. Mogstad and A. Langørgen), Monograph of Official Statistics, Eurostat, 58-74, 2007.
7. "Population Aging and Fiscal Sustainability: Integrating Detailed Labour Supply Models with CGE Models" (with U. Colombino, E. Holmøy, B. Strøm and T. Wennemo). In A. Harding and A. Gupta (Eds.): *Modelling our Future: Population Ageing, Social Security and Taxation*, Elsevier, Amsterdam, Volume 15, 259-290, 2007.
8. "Direct Taxation and Behavioural Microsimulation: A Review of Applications in Italy and Norway" (with U. Colombino). In A. Spadaro (Ed.): *Microsimulation as a Tool for the Evaluation of Public Policies: Methods and Applications*, Bilbao : Fundación BBVA, 2006.
9. "Asymptotic Distribution Theory of Empirical Rank-dependent Measures of Inequality". In V. Nair (Ed.): *Advances in Statistical Modeling and Inference - Essays in Honor of Kjell A. Doksum*, World Scientific, 2006.
10. Part II. "Women's Participation in the Labor Market and Fertility: The Effects of Social Policies", (Co-authors U. Colombino, Daniela Del Boca, John Ermisch, Marco Francesconi, Silvia Pasqua and S. Strøm), in Boeri, Del Boca and Pissarides (Eds.): *Labor Market Participation and Fertility of Women: the Effect of Social Policies*. Oxford University Press, 2005.
11. "Joint Labour Supply of Married Couples: Efficiency and Distributional Effects of Tax Reforms", (with U. Colombino, S. Strøm and T. Wennemo). In: H. Sutherland, L.

Mitton and M. Weeks (Eds.) *Microsimulation in the New Millennium: Challenges and Innovations*, Department of Applied Economics, Cambridge University, 2000.

12. "Extent, Level and Distribution of Low Income in Norway, 1979-1995", (with A. Andersen and T. Wennemo). In Gustavsson (eds.): *Poverty and Low Income in the Nordic Countries*, Ashgate, 2000.
13. "Un modello di offerta di lavoro familiare. Effetti distributivi e di efficienza di riforme fiscali", (with U. Colombino and S. Strøm). In: Banca d'Italia (Ed.) Ricerche quantitative e basi statistiche per la politica economica, 1999.
14. "The Distribution of Income in the Nordic Countries: Changes and Causes", (with Å. Cappelen, B. Gustavsson, P. Pedersen, N. Smith and H. Uusitalo). In Heikkilä, Hvinden, Kautto, Marklund and Ploug (eds.): *Nordic Social Policy*, Routledge, 1999.
15. "Omfang, nivå og fordeling av inntekter i Norge, 1979-1993", (with A.S. Andersen and T. Wennemo). In Gustavsson and Pedersen (eds): *Den nordiska fattigdomens utvikling og struktur*, Tema Nord, Nordisk Ministerråd, 1996.
16. "Household Production, Time Allocation and Welfare in Peru", (with J. Dagsvik). In Herz and Khandker (eds.): *Women's Work, Education, and Family Welfare in Peru*. World Bank Discussion Papers, no. 116, 1991.
17. "Skatt, arbeidstilbud og inntektsfordeling", (with J. Dagsvik, O. Ljones, S. Strøm and T. Wennemo). Nordiska skattevetenskapliga forskningsrådets skriftserie. NSFS22, Allmenna Förlaget, Göteborg, 1989.
18. "Bruttostrømmer på arbeidsmarkedet". NAUT-rapport, Nordisk Ministerråd, København, 1988.
19. "Arbeidstilbud, skatt og inntektsfordeling", (with J. Dagsvik, O. Ljones, S. Strøm and T. Wennemo). In Torp (eds.): *Når godene skal deles*. Ad Notam, Oslo, 1988.

Articles in refereed Norwegian and Swedish journals

"Pikettys dystre spådom og inntektsfordelingen i Norge", *Samtiden* Nr 1 - 2015.

"Fordelingen av inntekter I Norge fra 1875 til I dag" (with Jørgen Modalsli), *Plan* Nr 3 - 4/2014.

"Økonomisk fattigdom blant innvandrere" (with M. Bhuller), *Søkelys på arbeidslivet* 4/10, 2010.

"Økonomiske konjunkturer og fattigdom: En studie basert på norske inntektsdata, 1979-2000" (with A. Andersen, J. Epland og T. Wennemo), *Tidsskrift for Velferdsforskning*, 2, 89-107, 2003.

"Fordelingsvirkninger av kommunal tjenesteproduksjon", (with Audun Langørgen). *Norsk Økonomisk Tidsskrift*, 2002.

"Ekvivalensskala og velferd", (with K. A. Brekke). *Norsk Økonomisk Tidsskrift*, 113, 1-22, 1999.

"Virkninger på arbeidstilbud og velferd av flat beskatning", (with S. Strøm). *Sosialøkonomien* Nr. 9, 1998.

"Om flate skatter", (with S. Strøm). *Sosialøkonomien* nr. 9/10, 1997.

"Potensiell etterspørrelse etter alternativ bilteknologi: en økonometrisk analyse basert på intervjudata", (with J.K. Dagsvik). *Norsk Økonomisk Tidsskrift*, 110, 1996.

"Skatt og arbeidstilbud i Sverige-avsluttende kommentarer til innleggene fra Blomquist, Sødersten, Schwartz og Flood & Klevmarken"(with J. K. Dagsvik and S. Strøm). *Ekonomisk debatt* 3/90, 271-274, 1990.

"Skatt og arbeidstilbud i Sverige", (with J. K. Dagsvik and S. Strøm), *Ekonomisk Debatt* nr. 1, 1990.

"Om skatt og inntektsulikhet", *Sosialøkonomien* nr. 11, 1988.

"Ulikhet i jordbruksinntekter - Fordelingsvirkninger av økte offentlige tilskott", (with O. Bjerkholt and T. Wennemo). *Norsk Økonomisk Tidsskrift*, 102, 61-85, 1988.

"Om statistiske teoriar for tolking av data", (with P. Laake). *Tidsskrift for samfunnsforskning*, 1984.

Other publications (in Norwegian)

"Gruppering av kommuner etter folkemengde og økonomiske rammebetingelser 2013"(with Audun Langørgen and Sturla Løkken). Rapporter 2015/19, Statistisk sentralbyrå.

"Er rike mennesker alltid rike?" (with A B Atkinson og J Modalsli), *Økonomiske Analyser* 4/2013, Statistisk sentralbyrå.

"Kommunenes økonomiske atferd 1972-2009" (with Audun Langørgen and Sturla Løken), Rapporter 21/2013, Statistisk sentralbyrå.

"Arbeidstilbud blant innvandrere – Effektivitets- og fordelingsvirkninger av skattereformer" (with Manudeep Bhuller), Rapporter 30/2012, Statistisk sentralbyrå.

"Utviklingen av arbeidstilbuddet i Norge" (with Manudeep Bhuller), *Økonomiske analyser* 5/2012.

"Vedvarende økonomisk fattigdom blant innvandrere" (with Manudeep Bhuller), Rapporter 32/2010, Statistisk sentralbyrå.

"Stabilitet i kommunenes økonomiske atferd 2001-2008" (with Audun Langørgen and Simen Pedersen), Rapporter 25/2010, Statistisk sentralbyrå.

"Gruppering av kommuner etter folkemengde og økonomiske rammebetingelser 2003"(with Audun Langørgen, Taryn Ann Galloway and Magne Mogstad). Rapporter 2006/8, Statistisk sentralbyrå.

"Inntektselastisiteter for kommunale tjenester" (with Audun Langørgen). Rapporter 2006/10, Statistisk sentralbyrå.

"Sammenligning av simultane og partielle analyser av kommunenes økonomiske atferd" (with A. Langørgen, T. A. Galloway and M. Mogstad), Rapporter 2005/25, Statistisk sentralbyrå.

"Eldrebølgen og offentlige finanser: Er de fremtidige skatteinntektene undervurdert?" (with Erling Holmøy), Økonomiske Analyser 5/2004, Statistisk sentralbyrå.

"Et regionalt perspektiv på fattigdom" (with A. Langørgen and M. Mogstad), Økonomiske analyser 2003/4, Statistisk sentralbyrå.

"Fordelingen av inntekter i kommunene" (with A. Langørgen), Økonomiske analyser 2003/4, Statistisk sentralbyrå.

"Økonomiske gevinster ved sammenslåing av kommuner" (with A. Langørgen), Samfunnsspeilet, Statistisk sentralbyrå, 2003.

"Kostnadsbesparelser ved sammenslåing av kommuner", (with A. Langørgen and R. Åserud), Rapporter 2002/15, Statistisk sentralbyrå, 2002. (74 s).

"Gruppering av kommuner etter folkemengde og økonomiske rammebetingelser 1998" , (with A. Langørgen and R. Åserud), Rapporter 2001/35, Statistisk sentralbyrå, 2001.

"Krake søker make"? Fordelingen av ektepars yrkesinntekt 1973-1997, (with Julie Aslaksen and Tom Wennemo), Økonomiske Analyser, SSB, 2000/9.

"Gruppering av kommuner etter folkemengde og økonomiske rammebetingelser", (with A. Langørgen), Rapporter 98/8, Statistisk sentralbyrå, 1998..

"Er lavinntekt et godt mål for fattigdom? Lavinntekt i Norge 1979-1993", (with A.S. Andersen og T. Wennemo), Økonomiske Analyser, SSB, 8/96, 1996.

"Inntektsulikhet og inntektsmobilitet i Norge 1986 - 1990, (with T. Wennemo), Samfunnsøkonomiske studier nr. 82, Statistisk sentralbyrå, 1993.

"Inntektsulikhet i Norge 1973 - 1990", (with S. Strøm and T. Wennemo), Rapporter 93/17, Statistisk sentralbyrå, 1993.

"Skatt, arbeidstilbud og inntektsfordeling" (with J. K. Dagsvik, O. Ljones, S. Strøm and T. Wennemo. *Nordiska skattevetenskapliga forskningsrådets skriftserie*. NSFS 22, Allmenna Förlaget, Göteborg, 1989.

"Skatt, arbeidstilbud og inntektsfordeling i Sverige" (with S. Strøm and T. Wennemo), Bilaga 2 i del IV av *Reformerad inkomstbeskatning*. SOU 1989:33

"Fordelingsvirkninger av personbeskatningen", Økonomiske analyser nr. 2, Statistisk sentralbyrå, 1989.

"Inntektsulikhet i Norge, 1973 - 1985", (with T. Wennemo), Rapporter 88/15, Statistisk sentralbyrå, 1988.

"En økonometrisk analyse av varigheten av arbeidsledighet", Rapporter 87/17, Statistisk sentralbyrå, 1987.

"Statistisk beskrivelse av arbeidsledighetens lengde, 1973 - 86", Rapporter 87/20, Statistisk sentralbyrå, 1987.

"Giftet kvinners arbeidstilbud, skatter og fordelingsvirkninger", (with J. K. Dagsvik, O. Ljones and S. Strøm), Rapporter 86/14, Statistisk sentralbyrå, 1986.

"Fordelingsvirkninger av endringer i familiebeskatningen", (with J. K. Dagsvik), Økonomiske analyser nr. 8, Statistisk sentralbyrå, 1986.

"Utviklingen av arbeidsmarkedet - Usikkerheten i AKU", (with J. K. Dagsvik and O. Ljones), Økonomiske analyser nr. 6, Statistisk sentralbyrå, 1985.

"Analyse av ulikhet i fordelinger av levekår", (with Arne S. Andersen), Rapporter 83/23, Statistisk sentralbyrå, 1983.

"Non- Response in Panel Surveys: Some Norwegian Experiences", (with T. Halvorsen). Meeting on Statist. Method., United Nations, Economic and Social Council, 1983.

"Om måling av ulikskap", Rapporter 82/9, Statistisk sentralbyrå, 1982.

"Eksakte metodar for analyse av rxs - tabellar, Rapporter 80/22, Statistisk sentralbyrå, 1980.

"Eksakte metodar for analyse av 2x2 tabellar", Rapporter 79/20, Statistisk sentralbyrå, 1979.

Discussion Papers: (Work in progress)

"The Dual Approach for Measuring Multidimensional Deprivation and Poverty" (with Eugenio Peluso and Henrik Sigstad), Discussion Paper No. 820, Statistics Norway, 2015.

“Social Evaluation of Deprivation Count Distributions” (with A. Brandolini), ECINEQ WP 2014 - 342.

“Income Mobility as an Equalizer of Permanent Income” (with M. Mogstad), Discussion Paper No. 769, Statistics Norway, 2014.

”A Theory for Ranking Distribution Functions” (with T. Havnes and M. Mogstad), Discussion Paper No. 763, Statistics Norway, 2013.

“The ins and outs of top income mobility” (with T. Atkinson and J. Modalsli), SSB Discussion Paper No. 762, 2013.

“US versus Sweden: The Effect of Alternative In-Work Tax Credit Policies on Labour Supply of Single Mothers” (with L. Flood), IZA Discussion Paper No. 7706, 2013.

“The Distributional Impact of Public Services in European Countries” (with A. Langørgen and P. Lindgren), Eurostat Methodologies and Working Paper Series. Luxembourg: Publications Office of the European Union, 2013.

“The median as watershed” (with T. Atkinson), Discussion Paper No. 749, Research Department, Statistics Norway, 2013.

“The distributional impact of public services in European countries” (with A. Langørgen and P. Lindgren), Discussion Paper No. 745, Research Department, Statistics Norway, 2013.