

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: Microeconomic 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-: Member of the Scientific Council of the Society for the Study of Economic Inequality ([ECINE](#))
- 2012 - : Professor II at ESOP – Centre of Excellence at the Department of Economics, University of Oslo
- 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. Accounting for Family Background when Designing Optimal Income Taxes: A Microeconomic Simulation Analysis (Co-author Ugo Colombino), [Journal of Population Economics](#), **25**, 741 – 761, 2012.
2. "Using a Microeconomic Model of Household Labour Supply to Design Optimal Income Taxes" (Co-author Ugo Colombino); [Scandinavian Journal of Economics](#) , 2011 (Forthcoming).
3. “Robust Inequality Comparisons” (Co-author Magne Mogstad), [Journal of Economic Inequality](#), **9**, 353 – 371, 2011.
4. "Empirical Rules of Thumb for Choice under Uncertainty", [Theory and Decision](#), **71**, 431-438, 2011.

5. "Measuring Log-Term Inequality of Opportunity" (Co-authors Magne Mogstad and Vito Peragine), [*Journal of Public Economics*](#), **95**, 193-204, 2011.
6. "The Distributional Impact of Public Services when Needs Differ" (Co-authors Manudeep Bhuller, Audun Langørgen and Magne Mogstad), [*Journal of Public Economics*](#), **94**, 549-562, 2010.
7. "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.
8. "Ranking Intersecting Lorenz Curves", [*Social Choice and Welfare*](#), **33**, 235 – 259, 2009.
9. "Gini's Nuclear Family", [*Journal of Economic Inequality*](#), **5**, 305 - 322, 2007.
10. "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.
11. "Decomposition of Rank-dependent Measures of Inequality by Subgroups" (Co-authors S. Bjerve and K. Doksum), [*Metron*](#), LXIII, 493 - 503, 2006.
12. "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.
13. "Assimilation Effects on Poverty among Immigrants in Norway" (Co-author Taryn Galloway), [*Journal of Population Economics*](#), **18**, 691 – 718, 2005.
14. "Birds of a Feather Flock Together: The Impact of Choice of Spouse on Family Labor Income Inequality" (Co-authors Iulie Aslaksen and Tom Wennemo), [*Labour*](#), **19**, 491- 516, 2005.
15. " 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.
16. "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.
17. "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.

18. "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.
19. "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.
20. "Axiomatic Characterization of the Gini Coefficient and Lorenz Curve Orderings", [*Journal of Economic Theory*](#), **101**, 115-132, 2001.
21. "Sampling Errors and Cross-Country Comparisons of Income Inequality", *Journal of Income Distribution*, **10**, 75-82, 2001.
22. "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.
23. "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.
24. "Characterization of Lorenz Curves and Income Distributions", [*Social Choice and Welfare*](#), **17**, 639-653, 2000.
25. "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.
26. "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.
27. "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.
28. "The Sensitivity of Income Inequality to Choice of Equivalence Scales", (with I. Melby), [*Review of Income and Wealth*](#), **44**, 4, 565-570, 1998.
29. "The Trend in Income Inequality in Two Chinese Provinces, 1986-1990", (with X. Li), [*Review of Income and Wealth*](#), **43**, 3, 335-355, 1997.
30. "Interpretation of Changes in Rank-Dependent Measures of Inequality", *Economics Letters*, **55**, 215-219, 1997.
31. "Unemployment Duration Models with Non-Stationary Inflow and Unobserved Heterogeneity", *Ricerche Economiche*, **50**, 163-172, 1996.

32. "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:

33. "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.
34. "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.
35. "UMP Unbiased Tests for Multiparameter Testing Problems with Restricted Alternatives", *Metrika*, 50, 179-193, 2000.
36. "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.
37. "Asymptotic Efficiency of Certain Tests for Comparison of Proportions", *Scandinavian Journal of Statistics*, 10, 125-133, 1983.
38. "Plots and Tests for Symmetry", (with K. A. Doksum and G. Fenstad), *Biometrika*, 64, 437-87, 1977.

Books and book chapters

1. "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.
2. "Top Incomes in Norway" (with Tony Atkinson). In T. Atkinson and T. Piketty (Eds.): *Top Incomes A Global Perspective*, Oxford University Press, Oxford, 448-482, 2010.
3. "Alternative Methods for Ranking Income Distributions by Inequality". I Ofstad, B., O. Bjerkholt, K. Skrede og A. Hylland (red.): *Rettferd og politikk. Festskrift til Hilde Bojer*. Emilia forlag, Oslo, 186-202, 2009.
4. "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.

5. "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.
6. "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.
7. "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.
8. 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.
9. "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.
10. "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.
11. "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.
12. "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, Hvin-den, Kautto, Marklund and Ploug (eds.): *Nordic Social Policy*, Routledge, 1999.
13. "Omfang, nivå og fordeling av lavinntekter 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.
14. "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.

15. "Skatt, arbeidstilbud og inntektsfordeling", (with J. Dagsvik, O. Ljones, S. Strøm and T. Wennemo). Nordiska skattevetenskapliga forskningsrådets skriftserie. NSFS22, Allmenna Förlaget, Göteborg, 1989.
16. "Bruttostrømmer på arbeidsmarkedet". NAUT-rapport, Nordisk Ministerråd, København, 1988.
17. "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

- "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). *Sosialøkonomen* Nr. 9, 1998.
- "Om flate skatter", (with S. Strøm). *Sosialøkonomen* nr. 9/10, 1997.
- "Potensiell etterspørsel 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, Södersten, Schwartz og Flood & Klevmarken"(with J. K. Dagsvik and S. Strøm). *Økonomisk debatt* 3/90, 271-274, 1990.
- "Skatt og arbeidstilbud i Sverige", (with J. K. Dagsvik and S. Strøm), *Økonomisk Debatt* nr. 1, 1990.
- "Om skatt og inntektsulikhet", *Sosialøkonomen* nr. 11, 1988.
- "Ulighet 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)

“Vedvarende økonomisk fattigdom blant innvandrere”(with M. Bhuller), Rapporten 32/2010, Statistisk sentralbyrå.

“Stabilitet i kommunenes økonomiske atferd 2001-2008”(with Langørgen, A. and S. Pedersen), Rapporten 25/2010, Statistisk sentralbyrå.

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

”Inntektselastisiteter for kommunale tjenester” (with Audun Langørgen). Rapporten 2006/10, 2006.

"Sammenligning av simultane og partielle analyser av kommunenes økonomiske atferd" (with A. Langørgen, T. A. Galloway and M. Mogstad), Rapporten 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), Rapporten 2002/15, Statistisk sentralbyrå, 2002. (74 s).

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

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

“Gruppering av kommuner etter folkemengde og økonomiske rammebetingelser”, (with A. Langørgen), Rapporten 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), Rapporten 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 og 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), Rapporten 88/15, Statistisk sentralbyrå, 1988.

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

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

"Gifte kvinners arbeidstilbud, skatter og fordelingsvirkninger", (with J. K. Dagsvik, O. Ljones and S. Strøm), Rapporten 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), Rapporten 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", Rapporten 82/9, Statistisk sentralbyrå, 1982.

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

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

Discussion Papers: (Work in progress)

Empirical Optimal Income Taxation: A Microeconomic Application to Norway

(Joint with U. Colombino), CHILD Working Paper No. 16, CHILD - Centre for Household, Income, Labour and Demographic economics – Torino, Italy, 2011.

“A Counting Approach for Measuring Multidimensional Deprivation” (Joint with Eugenio Peluso), Working Paper No. 7, Department of Economics, University of Verona.

“On the Measurement of Log-Term Income Inequality and Mobility” (Joint with Magne Mogstad), Discussion Paper No. 4699, IZA, Bonn, 2010.

“Evaluation of an In-work Tax Credit Reform in Sweden: Effects on Labor Supply and Welfare Participation of Single Mothers” (Joint with Lennart Flood), Working Papers in Economics No 319, School of Business Economics and Law, University of Gothenburg, 2008.

“On the Definition and Measurement of Chronic Poverty” (Joint with M. Mogstad), Discussion Paper No. 2659, IZA, Bonn, 2007.

"Heterogeneity in the elasticity of labor supply in Italy and some policy implications" (Joint with U. Colombino and T. Wennemo), Working Paper No. 20, CHILD, Torino, 2002.

"Characterization and Measurement of Duration Dependence in Hazard Rate Models", DP No. 319, Statistics Norway, 2002. (27s)

"Tax Reforms, Dividend Policy and Trends in Income Inequality: Empirical Evidence based on Norwegian Data" (Joint with Erik Fjærli), DP No. 284, Statistics Norway, 2000.

"A Structural Approach for Measuring Fiscal Disparities" (Co-author Audun Langørgen), DP No. 254, Statistics Norway, 1999.