

CURRICULUM VITAE 5 March 2015 M. Azhar Hussain Associate Professor, Ph.D. Birth date 12 September 1965 Nationality Danish Gender Male Marital status Married ADDRESSES Office Department of Society and Globalisation, Roskilde University, Universitetsvej 1, DK-4000 Roskilde, Denmark. Phone: +45 4670 2838. Email: azharh@ruc.dk. Residence Høje-Taastrup Boulevard 11, 1. th., DK-2630 Tåstrup. Denmark. OVERVIEW M. Azhar Hussain, Ph.D. (econ), is an associate professor of economics at Roskilde University, Denmark. His research focuses on statistical analysis of societal welfare measurement issues including poverty, MDGs, poverty incidence mapping, employment, inequality, deprivation, multi-dimensional welfare/poverty, polarization, and labour market issues. Apart from standard approaches to multidimensional poverty, he also applies robust methods to measure multi-dimensional welfare. Data analysis is primarily based on population census data (Statistics Denmark) and surveys (EU-Silc, ESS, HBS, MICS, DHS, UN). Well-documented software coding is an important part of any empirical assignment both for documentation and reproducibility reasons. Assignments are reported in writing, and often communicated at meetings and seminars. He has worked with researchers from different disciplines, international organisations, and governments. He has deep understanding of various developing countries. EDUCATION 1999-2002 Aarhus School of Business (ASB), Department of Economics, Denmark 2000 Cornell University, Policy Analysis and Management (PAM), USA 1986-1992 University of Copenhagen (KU), Department of Economics, Denmark QUALIFICATIONS 2002 Ph.D. (econ.), Department of Economics, Aarhus School of Business (Thesis: Essays on Income Distribution) 1992 M.Sc. (econ.), Department of Economics, University of Copenhagen (Thesis: "Makroforbrugsfunktioner: Teori og empiri", Macro Consumption Functions: Theory and Empiri) PRINCIPAL EMPLOYMENT 2012 Assistant/associate professor, Department of Society and Globalisation, Roskilde University 2008-2012 Postdoc. Development Economics Research Group (DERG), Department of Economics, University of Copenhagen 2002-2008 Researcher, the Danish National Centre for Social Research (SFI) 1999-2002 Ph.D. student, Department of Economics, Aarhus School of Business 1996-1999 Research Assistant, the Danish National Institute of Social Research (SFI) 1995-1996 Senior Consultant, Confederation of Danish Trade Unions (LO) 1992-1995 Head of Section, Danish Ministry of Economic Affairs POSITIONS OF TRUST 2014 External examiner in economics in all four Danish universities with economics departments 2014 External examiner in public health in eighteen departments of five Danish universities CONSULTANCY 2013 EUROMOD, ISER, University of Essex, UK. Adjust EU-Silc for Denmark in order to simulate the tax-benefit system in Euromod. UK and home based 2013 UNU-WIDER (United Nations University). Teaching poverty analysis with survey data for African countries using Stata. Pretoria, South Africa 2012 University of Antwerp, Belgium. CSB Minimum Income Protection Indicators database. Country expert for Denmark. Home based 2012-2013 World Bank (STC). Poverty Mapping Validation using Danish administrative data. Home based and Sofia, Bulgaria 2011 World Bank (STC). Household enterprises using the Mozambique Rural Investment Climate Survey (RICS). Home based TEACHING APPOINTMENTS (PART TIME) 2008 External associate professor, Dep. of Economics, Copenhagen Business School 2008 Supervisor M.Sc. (econ) thesis 2008 Supervisor on economic exercise about "Applied quantitative methods with micro data", Department of Economics, University of Copenhagen 2007-2008 External associate professor, quantitative methods, Department of Economics, University of Copenhagen 2006-2008 External associate professor, methods, Institute of Political Science, University of Copenhagen 2005 Supervisor on economic exercise about "Welfare distribution in the welfare state", Department of Economics, University of Copenhagen 2004-2008 Supervisor, BA-thesis, Department of Economics, University of Copenhagen 2002-2007 Teaching assistant, statistics, HA and HD study, Copenhagen Business School 2001 Taught macroeconomics during Ph.D. study, Aarhus School of Business 1997-1999 Teaching assistant, micro economics and trade, Copenhagen Business School 1992-1998 Teaching assistant, statistics, Copenhagen Business School 1990-1991 Teaching assistant, micro and macroeconomics, and descriptive economics, Department of Economics, University of Copenhagen FOREIGN LONG-TERM RESEARCH VISITS 2009-2010 Resident advisor to the Ministry of Planning and Development (MPD), Maputo, Mozambique. Primary tasks: Develop official welfare distribution measures (poverty, inequality, and multidimensional poverty). Seven months 2000-2001 Cornell University, Policy Analysis and Management, Ithaca, New York, USA. Primary tasks: Courses and research for Ph.D. thesis. Six months CURRENT RESEARCH INTERESTS Welfare measurement. Quantitative methods. MDGs. Social and economic indicators construction. Distribution of welfare including inequality, poverty, income mobility, polarization, deprivation, multidimensional welfare, population sub-groups, and micro-econometric analysis. Development economics. Welfare mapping - poverty and multidimensional first order dominance (FOD) mapping. Absolute poverty line construction with spatial and temporal consistency. Survey and administrative register analysis, and modelling of taxes and social benefits. Welfare state analyses. DATA SET KNOWLEDGE AND USE Developed countries: Statistics Denmark Full population data sets from administrative registers (Denmark). Roughly 100 mio. observations; 19 years with each more than 5 million individuals EU-Silc European Union surveys on Income and Living Conditions (EU countries) ESSE European Social Survey SFIDanish National Institute of Social Research: Various surveys (Denmark) Own surveys Cross-section and panel data surveys. Project: The Effects of Being on the Lowest Social Benefits for the Council for the Socially Disadvantaged ECHPEuropean Community Household Panel (European Union countries) PSIDPanel Study of Income Dynamics (USA) GSOEPThe German Socio-Economic Panel (Germany) LISLuxembourg Income Study (harmonized income datasets for 25 countries) Developing countries: MICSUNICEF's Multiple Indicator Cluster Survey. Various countries DHSDemographic and Health Surveys. Various countries MozambiqueMany different household surveys and both Censuses, incl. IAF 1996/96, IAF 2002/03 and IOF 2008/09, and census 1997 and 2007. Two censuses: Approximately 8 mio. observations RwandaEICV 2 TanzaniaBHS 2007, BHS 2000/2001 UgandaHBS 2005/06 VietnamVHLSS06, MICS2, MICS3 COMPUTER SKILLS Econometric softwareStata, SPSS, SAS, some R and GAUSS, very little GAMS MS officeExcel, Word, Outlook, Power Point OtherWorld Bank's PovMap2 and PovMap20 Build 920. Some arc GIS, ADEPT LANGUAGES SpeakingReadingWriting DanishNativeNativeNative EnglishExcellentExcellentExcellent Swedish/NorwegianSomeGoodPoor French/GermanSomeGoodSome HindiGoodNoneNone PortuguesePoorPoor CONFERENCE PRESENTATIONS (LATEST TEN) Selskab for Surveyforskning (Society for Survey Reserch) 2015 General Meeting. "Måling af livskvalitet og velbefindende i surveyundersøgelser" (Measurement of Quality of Life and Well-being in Surveys). 3 March 2015, University of

Copenhagen. Lykkemåling i/med ESS (Happiness Measurement in/using ESS). International Studies Association (ISA) Global South Caucus Conference 2015. "Voices from Outside: Re-shaping International Relations Theory and Practice in an Era of Global Transformation". 8-10 January 2015, Singapore Management University, Singapore. Robust Approaches to the Measurement of Multidimensional Poverty: The Case of Countries in Africa, Asia and Latin America. Seminar on "Increased Inequality – Why?" (Seminar om "Øget Ulighed – hvorfor?"), Copenhagen, 26 September 2014, Denmark. Poverty and other Distribution Measures (Fattigdom og andre fordelingskriterier). New Trends in Health Equity Research, COHERE Workshop, Odense, 11-12 September 2014, Denmark. Refining Population Health Comparisons: A Multidimensional First Order Dominance Approach. Public Happiness, HEIRs Conference, Rome, 4-5 June 2013, Italy. Happiness Dynamics with Synthetic Panels: Temporal and Spatial Results using the ESS. Nordic Conference in Development Economics (NCDE 2012), Gothenburg, 18-19 June 2012, Sweden. Food price shocks effects on child malnutrition: The Mozambican experience during 2008/09. RC19, International Sociological Association, ISA. 25-27 August 2011, Seoul, South Korea. Multiple deprivation: sensitivity to cutoff points and weighting schemes. Afsavn (Deprivation). The Council for the Socially Disadvantaged. Annual Meeting. 17 May 2009. Fyn, Denmark. Fattigdom og social eksklusion blandt børn i Danmark (Poverty and Social Exclusion Among Children in Denmark), 16 January, 2008, various NGOs, Borup's Højskole, Copenhagen. INCDIS Meeting, 13-14 September 2007, Economic and Social Research Institute, Dublin, Ireland, Immigrants and Income Inequality – A Comparative Study of Denmark and Germany. PUBLICATIONS (SINCE 2002) Refereed journals 1. "EU Country Rankings' Sensitivity to the Choice of Welfare Indicators". 2014. Accepted for publication in Social Indicators Research. 2014-11-28. [dx.doi.org/10.1007/s11205-014-0830-4](https://doi.org/10.1007/s11205-014-0830-4). 2. "The Robustness of High Danish National Happiness: A Temporal Cross-Country Analysis of Population Subgroups". 2014. Social Indicators Research, 118(2), 759-774. 3. "Ordinal Welfare Comparisons with Multiple Discrete Indicators: A First Order Dominance Approach and Application to Child Poverty". 2012. (With C Arndt, R Distant, LP Østerdal, PL Huong, and M Ibraimo). World Development, 40(11), 2290-2301. 4. "Explaining Poverty Evolution: The Case of Mozambique". 2012. (With C Arndt, ES Jones, V Nhate, F Tarp, and J Thurlow). American Journal of Agricultural Economics, 94(4), 854-872. 5. "Immigration and Income Inequality: A Comparative Study of Denmark and Germany, 1984-2003". 2010. (With MC Deding, V Jakobsen, and S Brodmann). Journal of Income Distribution, 19(1), 48-74. 6. "Exploring Paradigms of Crime Reduction: An Empirical Longitudinal Study". 2010. (With K Sothill, MN Christoffersen, and B Francis). British Journal of Criminology, 50(2). 7. "How Sensitive is Intergenerational Earnings Mobility to Different Measures". 2009. (With MD Munk and J Bonke). Journal of Income Distribution, 18(3-4). 8. "The sensitivity of income polarization: Time, length of accounting periods, equivalence scales, and income definitions". 2009. Journal of Economic Inequality, 7(3), 207-223. 9. "Educational Attainment in Denmark: The role of parents' education and childhood living conditions". 2005. (With MC Deding). Journal of Social Science Studies, 125(3), 347-368. Refereed Danish journals 10. "Afsavn: Opgørelse af faktisk fattigdom" (Deprivation: Measuring Actual Poverty). 2013. (With FK Hansen). Dansk Sociologi, 24(1), 47-69. 11. "Grænser for fattigdom" (Poverty Limits). 2010. (With FK Hansen and JE Larsen). Samfundsøkonomen, (5). 12. "Afsavn - en direkte metode til måling af fattigdom" (Deprivation – A Direct Way of Measuring Poverty). 2010. (With FK Hansen). Samfundsøkonomen, (5). Refereed monograph/chapters 13. Fattigdom, afsavn og coping (Poverty, Deprivation, and Coping). January 2015. (With M Müller, JE Larsen, H Hansen, FK Hansen, and M Ejrnæs). Hans Reitzels Forlag Publisher, Copenhagen, Denmark. 14. Måling af velfærd og fordelingsanalyser (Measurement of welfare and distribution analysis). January 2015. In B Greve (Ed.): "Grundbog i socialvidenskab" (Textbook in Social Science). Nyt fra Samfundsvidenskabernes Forlag Publisher, Copenhagen, Denmark. 15. Welfare state institutions, unemployment and poverty: comparative analysis of unemployment benefits and labour market participation in 15 European Union countries. 2012. (With O Kangas and J Kvist). In J Kvist, J Fritzell, B Hvinden, and O Kangas (eds.): "Changing Social Inequality". The Policy press. 16. New holes in the safety net? Economic and social consequences of divorce in Denmark. 2009. (With O Kangas). Chapter 4 in H-J Andreß and D Hummelsheim (eds.) "When Marriage Ends". Edward Elgar, UK, April 2009. 17. The Permanent Effects of Labour Market Entry in Times of High Aggregate Unemployment. 2000. (With P De Vreyer, R Layte, and M Wolbers). In D Gallie and S Paugam (eds.): "Welfare regimes and the experience of unemployment in Europe", chapter 7. ISBN 01 98297 97 1, Oxford and New York, Oxford University Press. Reviewed and re-submitted to refereed journal 18. Predicting Wellbeing in Europe? The Effect of the Financial Crisis. July 2014. Other publications (Working papers, non-refereed books/journals, consultancy reports) 19. Multidimensional Poverty Indices and First Order Dominance Techniques: An Empirical Comparison of Different Approaches. (With I Permanyer). EQUALITAS Working Paper No. 35, equalitas.es/wp. 20. Refining Population Health Comparisons: A Multidimensional First Order Dominance Approach. 2014. (With MM Jørgensen and LP Østerdal). COHERE Working Paper No. 2014:5. Centre of Health Economics Research (COHERE), University of Southern Denmark (SDU). 21. Advancing small area estimation. 2013. (With C Arndt, V Salvucci, F Tarp, and LP Østerdal). UNU-WIDER Working Paper No. 2013/053. UNU-WIDER. United Nations University World Institute for Development Economics Research. 22. Small Area Estimates of District Level Welfare: A Multi-Dimensional Approach. 2013. (With C Arndt, V Salvucci, F Tarp, and LP Østerdal). Discussion paper no. 79. National Directorate of Studies, and Policy Analysis Ministry of Planning and Development, Maputo, Mozambique. 23. District Poverty Maps for Mozambique: 1997 and 2007 Based on consumption adjusted for calorie underreporting. 2012. (With F Castigo). DNEAP Discussion Paper N.74E. National Directorate of Studies and Policy Analysis, Ministry of Planning and Development, Maputo, Mozambique. 24. Effects of Food Price Shocks on Child Malnutrition: The Mozambican Experience 2008/09. 2012. (With C Arndt and LP Østerdal). Working Paper no. 2012/89. UNU WIDER. United Nations University World Institute for Development Economics Research. 25. Multiple deprivation: sensitivity to cutoff points and weighting schemes. 2012. Paper presented at the RC19. International Sociological Association, ISA. August 25-27, 2011, Seoul, South Korea. 26. Poverty and well-being in Mozambique: The third national assessment. 2010. In cooperation with the National Directorate of Studies and Policy Analysis, Ministry of Planning and Development, Maputo, Mozambique. 27. Intergenerational income mobility – top incomes and assortative mating in Denmark. 2011. (With J Bonke and MD Munk). Working Paper. Department of Political Science, University of Aalborg. [http://www.forskningsdatabasen.dk/Search,\\$Direct](http://www.forskningsdatabasen.dk/Search,$Direct)

Link_9.sdirect;jsessionid=39B95B57806284B4C117D605B0071A85?sp=Saau6bf2c43e-0591-4d89-b907-73b4bfd036b9.

28. På laveste sociale ydelser et år efter - En kvantitativ forløbsanalyse (On the Lowest Social Benefits, One Year After – A Quantitative Process Analysis). 2011. (With M Ejrnæs, FK Hansen, H Hansen, and JE Larsen). <http://www.casa-analyse.dk/files/rapporter-social-arbejdsmarked/2011/paadelavesteydelser.pdf>.

29. Konsekvenser af de laveste sociale ydelser - Forsørgelsesgrundlag og afsavn (Consequences of the Lowest Social Benefits – Consumption Provision and Deprivation). August 2009. (With FK Hansen). http://www.casa-analyse.dk/files/pdf/Konsekvenser_af_de_laveste_sociale_ydelser-forsorgelsesgrundlag_og_afsaavn.pdf.

30. Personer og familier med de laveste ydelser som forsørgelsesgrundlag - en registerundersøgelse (Individuals and Families with the Lowest Benefits – A Register Based Analysis). March 2009. (With FK Hansen and H Hansen). http://www.casa-analyse.dk/files/pdf/Personer_og_familier_med_de_laveste_ydelser.pdf.

31. Geographical Income Polarization - House prices and labour market linkages. 2008. (With AB Jonassen). SFI – The Danish National Centre for Social Research. Working Paper 06:2008. <http://www.sfi.dk/graphics/SFI/Pdf/Arbejdspapirer/Arbejdspapirer/Geographical%20Income%20Polarization.pdf>.

32. Teenage pregnancies: Consequences of poverty, ethnic background, and social conditions - A longitudinal study of motherhood and induced abortion among 14 to 19 year old women born in 1981. 2008. (With MN Christoffersen). SFI – The Danish National Centre for Social Research. Working Paper 04:2008. http://www.sfi.dk/graphics/SFI/Pdf/Working_papers/04%202008.pdf.

33. De nye kommuners rammevilkår for beskæftigelsesindsatsen (The New Municipalities' Employment Policy Conditions). 2006. (With E Heinesen and J Clausen). SFI – The Danish National Centre for Social Research. Report no 06:15.

34. Do Wage Subsidies Reduce Ordinary Employment? A firm level panel data analysis. 2007. (With M Rasmussen). SFI – The Danish National Centre for Social Research. Working Paper 05:2007.

35. Arbejdsskader og modtagelse af velfærdsydelser (Work Injuries and Welfare Benefit Claims). 2004. (With HB Bach). ISBN 87-7487-759-3. Danish National Institute of Social Research, report no 04:15.

36. Børnefattigdom i Danmark 2002. Tema: Fattigdommens dynamik (Child Poverty in Denmark 2002. Theme: The Dynamics of Poverty). 2004. Danish National Institute of Social Research and Save the Children, Denmark. ISBN 87 85014 17 6. Pdf version downloadable from http://www.redbarnet.dk/Files/Filer/Rapporter/Boernefattigdom/Indhold_Fattigdom.pdf.

37. De velfærds- og arbejdsmarkedsmæssige konsekvenser af arbejdsskader (Welfare and Labour Market Consequences of Work Injuries). 2004. (With HB Bach). SFI - Danish National Institute of Social Research, Department for Employment and Occupation, working paper 5:2004. Pdf version downloadable from <http://www.sfi.dk/graphics/SFI/Pdf/Arbejdspapirer/Arbejdspapirer/ap200405.pdf>.

38. Børnefattigdom i danske kommuner 1984-2001 (Child Poverty in Danish Municipalities 1984-2001). 2003. SFI - Danish National Institute of Social Research and Save the Children, Denmark. ISBN 87 85014 09 5. Pdf version downloadable from <http://www.redbarnet.dk/Default.asp?ID=1033>.

39. Beskrivelse af arbejdsskader 1995-2000 – en registerundersøgelse (Description of Work Injuries 1995-2000 – A Register Based Inquiry). 2003. (With HB Bach). SFI - Danish National Institute of Social Research, Department for Employment and Occupation, working paper 12:2003. Pdf version downloadable from <http://www.sfi.dk/sw3774.asp>.

40. Child Deprivation in the European Union. 2002. EPAG Working Paper 38. Institute of Social and Economic Research, University of Essex. Pdf version downloadable from <http://www.iser.essex.ac.uk/epag/pubs/workpaps/pdf/2002-38.pdf>.

41. Essays on Income Distribution. 2002. Ph.D. dissertation no. 2002:8. Introduction plus four chapters (one co-authored with MC Deding). ISBN 87 89695 74 7. Aarhus School of Business.