



Dr. Salem Gheit (PhD)
Research Economist – Lecturer in Economics

I. Contact

Bani Waleed University Business School Department of Economics	Emails: 1- i7695447@bournemouth.ac.uk 2- salemgheit@gmail.com
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II. Objective:

A highly motivated and ambitious researcher in Economics, who has been inspired by the quantitative, qualitative, statistical, and econometric methods in economics research. I have been always motivated by combining the Microeconomic and Macroeconomic analysis through the lens of the economic theory in order to reach better understanding, as well as conclusive, substantive, and robust empirical evidence on distinct economic phenomena.

III. Education

1. **Ph.D. Economics. 2014 – 2018, Bournemouth University**, The Business School, Bournemouth, U.K. (***Productivity Analysis**).
 - Thesis title: The role of human capital in the private manufacturing sector productivity in the developing and transition economies. The thesis is published on the British Library ethos. <https://ethos.bl.uk/OrderDetails.do?did=1&uin=uk.bl.ethos.761062>
2. **Master's degree in Economics**, (specialization: ***International Economics**), **2006 – 2010, Libyan Academy, (Distinction, GPA: 3.958 out of 4)**, 1st class honour in 2011. Tripoli, Libya.
 - Dissertation title: The human resources development and its impact on labour productivity in the Libyan economy during the period from 1970 to 2006.
3. **Bachelor's degree in Economics, 2001 – 2004, Misurata University (Formerly: The Seventh of October University)**, Libya. (**Distinction, GPA: 92.23%**). 1st class honour in 2001 and 2004.
 - The graduation project title: the role of specialised banks in developing and funding the private manufacturing sector in the Libya economy during the period from 2000 to 2003.

IV. Practical experience and full-time appointments

1) Lecturer in Economics, (2010 – 2022). (12 years). Department of Economics, Bani Waleed University, Libya.

Teaching activities: Advanced Macroeconomics, Oil Economics, Econometrics, Microeconomics, Mathematical Economics, Economic Projects Evaluation (Feasibility studies), International Finance, Public Finance, Principles of Economics, Agricultural Economics, Economics of Industry.

- **Supervisory duties: Bachelor's degree graduation research projects**

- a. The long-term relationship between oil prices fluctuations and GDP growth in Libya during the period from 1990 to 2020.
- b. The impact of the foreign labour force on development in the Libyan labour market during the period 2000 - 2005.
- c. The role of economic planning in the economic development in Libya from 1990 to 2004.
- d. The social and economic benefits of the social security investments in the Libyan economy in 2005 and 2006.
- e. The foreign trade of Libya and its effects on growth during the period from 2000 to 2010.

2) Researcher in Economics, (2014 – 2018), (4 years). Bournemouth University: a member of the Capital Markets, Emerging Economies and Commodities Cluster (CMEEC), the Business School.

- **Research activities in the CMEEC cluster:**

- a. Macroeconomic analysis: productivity changes, labour hoarding, capital intensity and capital deepening during the Great Recession in the OECD countries.
- b. Micro-level analysis: Examining the impact of formal training programs on private firms' productivity in the Middle East and North Africa.
- c. Firm-level analysis: Investigating the effects of research and development expenditures on private firms' performance using PSM methodology.

- d. Industry-level analysis: Examining the total factor productivity in the durable and nondurable manufacturing sectors in the U.S. economy using the Levinsohn and Petrin 2003 methodology.
- e. Sectoral Analysis: Investigating and estimating the effects of college and non-college workers on efficiency in the manufacturing industries in the United States using the stochastic frontier analysis.
- f. Industry-level analysis: productivity changes, capital intensity, information technology capital, R&D capital, and growth in start-ups during the recession periods in the U.S economy from 1949 to 2018.

3) Senior Research Economist and Macroeconomic Analyst, (2001 – 2013), (12 years + 4 months) The National Planning Council. Office for planning, research, studies, and programmes. Libya.

- **Executive responsibilities in the council**
 - a. A member of the technical committee to monitoring and evaluating the projects set up by the government in Bani Waleed.
 - b. The council economic mentor on the Central Bank of Libya correspondences.
 - c. The council delegate to the ministry of economy, Bani Waleed branch.
 - d. A member of the advisory team appointed by the economic planning council to provide insight and consultation on the restructuring process of the commercial banks in Libya, and the Libyan FDI's portfolio strategy in Africa.
 - e. A member of the committee appointed by the economic planning council to study the labour force and population growth in Bani Waleed over the period 1980 – 2004.
 - f. Appointed by the head of the economic planning council to advise on preparing a code of practice to assess and evaluate the progress and feasibility of the manufacturing and service projects executed and subsidised by the Libyan government in Bani Waleed during the period 2000 – 2005.

4) Teaching Assistant, (2005 – 2010), (6 years) Misurata University, department of Economics, Libya.

- **Teaching activities:** Mathematical Economics, Agricultural Economics, Libyan Economy.

5) Reviewer in Economics, (Part-time) (May 2020 – May 2022), The Bani Waleed University Journal of Humanities and Applied Sciences.

V. Training programs and professional qualifications

1. **MEAL DPro:** Monitoring, Evaluation, Accountability, and Learning for Development Professionals, Feb – 2021, Online course, provided by; **Kaya**, Humanitarian Leadership Academy, and **Humentum**, Catholic Relief Services (**CRS**).
2. **Economics:** Fall – 2017, **University of Surrey**, Teaching Methods in Economics, UK Professional Standards Framework (UK PSF) for teaching and supporting learning in higher education, GTA Workshop, The Economics Network, **Royal Economic Society**, U.K.
3. **Advanced Econometrics:** Spring – 2016 Policy Evaluation Methods, **University College London**. Centre for Microdata Methods and Practice, CeMMAP, Department of Economics, Tutor: **Barbara Sianesi**, **Institute for Fiscal Studies**, London.
4. **Advanced Econometrics:** Fall – 2016 The Econometric Estimation of Frontier Functions and Economic Efficiency, **University College London**. Centre for Microdata Methods and Practice, CeMMAP, Department of Economics, Tutor: **William Greene**, **New York University**, U.S.A.
5. **Advanced Econometrics:** Spring – 2015 Panel Data Methods, **University College London**. Centre for Microdata Methods and Practice, CeMMAP, Department of Economics, Tutor: **Jeffery Wooldridge**, **Michigan State University**. U.S.A.
6. **Advanced Econometrics:** Fall – 2015 Introductory Micro-econometrics, Centre for Microdata Methods and Practice, CeMMAP, Department of Economics, **University College London**. Tutor: **Alan Duncan**, **Curtin Business School**, Australia.
7. **Intermediate Econometrics:** Fall – 2015 The special workshop on the applications of stochastic frontier analysis SFA in econometrics, **Bournemouth University**, the Business School. **Tutor: Allan Webster**. November 2015.
8. **Intermediate Econometrics:** Fall – 2016 The special workshop on the applications of propensity score matching PSM in economics, **Bournemouth University**. the Business School, **Tutor: Allan Webster**. January 2016.
9. **IELTS (Academic): British Council. Tripoli.** Overall Band: 7.
10. **General English, C1 Advanced level. Lewis School of English**, February – October 2013, Southampton, U.K.

11. **IELTS exam course. Lewis School of English** May - June 2013, Southampton, U.K.
12. **Key English Test, KET. Libyan Academy**, October – November 2007, Grade: Merit.

VI. **Achievements and doctoral major contributions to knowledge**

Contributions to the body of knowledge through important empirical evidence including:

1. Examining and testing the models and findings of Krueger and Lindahl (2001) and Vandenbussche, Aghion, Meghir (2006) on growth, distance to frontier and human capital composition. Both models remained untested at the firm level in the low- and medium-income transitional and developing economies until 2018. The investigation included 9 Middle East countries and 28 middle- and high-income Eastern Europe countries. The results were consistent with the findings of the abovementioned models.
2. Investigating the King's and Nielsen's (2016) argument on why propensity scores should not be used for matching. The alternative matching tool they suggested was either Coarsened exact matching or Mahalanobis distance matching. The evidence in this case was drawn from the application of the latter – MDM – which shown more robust results and significant improvement in terms of imbalance and bias reduction better compared to propensity score matching.
3. Correcting the problem of the wrong skewness error in the OLS residuals for the stochastic frontier model, which usually occurs before the maximum likelihood estimation begins. It turned out that ruling out zero observations of the sample data helps in fitting a stochastic frontier with normal exit using the NLOGIT econometric software, ensuring the OLS residuals not to be skewed in the wrong direction but at a cost of losing a chunk of the sample. This contribution can be added to the solutions suggested in Almanidis and Sickles (2011) paper to address this issue.

VII. **Conferences, workshops, and online webinars**

1. **2021 De-Democratization and Opposition to Gender Equality Politics in Europe**, a special webinar organised for the launching of a special issue of the Oxford Social Politics Journal. The 10th of December 2021. <https://academic.oup.com/sp/issue/28/3>
2. **2021 Digital Transformation in the Context of Energy Transition**, organised by the King Abdullah Petroleum Studies and Research Centre, Riyadh. KSA. The 2nd of December 2021.
3. **2021 The Importance of Economic Data and Policy Simulation Tools**, organised by the King Abdullah Petroleum Studies and Research Centre, Riyadh. KSA. The 24th of November 2021.
4. **2021 The Economics of Higher Education**, organised by the Institute for Fiscal Studies, IFS, and The Economic and Social Research Council ESRC, London. The 22nd of November 2021.
5. **2020 The Proposed Currency Board in Lebanon**, hosted by the Let's Talk about Lebanon Zoom group conferencing. Speaker: Dr. Layal Mansour Ichrakieh, Lebanese American University. The 31st of October 2020.
6. **2020 The Bank of England Agenda for Research (BEAR) Seminar: opportunities for external researchers and PhD students**. Hosts: Misa Tanaka, Head of Research, Bank of England. Ambrogio Cesa-Bianchi, Advisor at Bank of England. The 26th of October 2020.
7. **2017 XV European Workshop on Efficiency and Productivity Analysis, EWEP**, the 12th – 15th of June 2017. Organised by Centre for Productivity and Performance, School of Business and Economics, **Loughborough University. Hosted by University of London**, Senate House, London. The paper title: The impact of human capital on technical efficiency in the private manufacturing firms in Eastern Europe and Central Asia Countries.
8. **2016 The Annual Business School Conference**, Faculty of Management, Bournemouth university. The 27th of May 2016.
9. **2015 The 4th PhD Conference of the International Association for Tourism Economics**. The 14th – 15th of December 2015. Hosted by Faculty of Management, Talbot Campus, Bournemouth University. The paper title: Human capital as a determinant of industry-level productivity in the U.S. economy during the period 1998 – 2013.
10. **2014 Labour Market Slack and Inflation**, Bournemouth University. Speaker: Dr. Stephen P. Millard, Bank of England. The 2nd of October 2014.
11. **2005 The Libyan Conference on Small and Medium Enterprises**. 25th – 28th of July 2005. Tripoli, Libya. Organised by the Ministry of employment in association with the International Labour Organisation ILO. The paper title: the contribution of the SMEs to employment levels in the manufacturing and services sectors in the Libyan economy.

VIII. **Languages**

1. Arabic: Native speaker.
2. English: Fluent and Proficient: **C1 Advanced**.
3. Spanish: Pre-intermediate.

IX. Personal qualities and soft skills

1. Teamwork, sharing information, effective communication, and ability to working towards common goals.
2. Enthusiasm, open-mindedness, and personal drive.
3. Attention to details.
4. Initiative and adaptability.
5. Willingness to learn.
6. Proper management of time.
7. Ability to handle pressure and meeting tight deadlines.
8. Ability to produce effective presentations and interacting efficiently with the audience.

X. Software and hard skills

1. **(Advanced) NLogit 5 econometric software, Inc. CeMMAP, UCL Department of Economics. Trainer: Prof. William Greene.**
2. **(Advanced) Stata statistical software, StataCorp. CeMMAP, UCL Department of Economics. Trainer: Prof. Alan Duncan.**
3. **Big data analysis, data mining, and statistical analysis:** advanced knowledge in decoding, interpreting, and analysing big data files. Specifically, practical experience obtained when dealing with the World Bank Enterprise Surveys: The Business Environment and Enterprise Performance survey **BEEPS** in 2005 and 2013.
4. Excel **Pivot** tables, and **VLOOKUP** and **XLOOKUP** functions.
5. Microsoft Office **Forms** and **Sway**.
6. **Kobo** toolbox.
7. Microsoft **Visio**.
8. **LaTeX** Presentations.
9. Advanced Microeconomics Analysis & Advanced Macroeconomics Analysis.
10. Advanced Econometric modelling & Stochastic frontier analysis and estimations of technical and economic efficiency functions.
11. Panel data methods, Cross sectional data methods & Time series data analysis.
12. Maximum likelihood estimations, Propensity score matching & Mahalanobis distance matching.

XI. Publications and work in progress

1. **2022** The Historical Productivity Variations during the Recessions' Periods in the US Economy and in the OECD Countries. The Journal of Development and Economic Policies. Arab Planning Institute. Kuwait. https://www.arab-api.org/Files/Publications/PDF/781/781_2612022.pdf
2. **2021** A stochastic frontier analysis of the impact of human capital on the technical efficiency in the manufacturing sector industries in the United States. The Athens Journal of Business and Economics. <https://www.athensjournals.gr/business/2021-4124-AJBE-Gheit-09.pdf>
3. **2021** The impact of R&D expenditures on the small and medium firms' productivity in the formal private manufacturing sector in the Eastern Europe and Central Asia economies and in the Middle East and North Africa region. Jordan Journal of Economic Sciences, Volume 8, No.1, 2021. © 2021 DSR Publishers/The University of Jordan. All Rights Reserved <https://journals.ju.edu.jo/JJES/article/download/107651/11901>
4. **2021** Human development and its indicators in Libya: an analytical study during the period between 1990 and 2019. Published in the Journal of Human Resources Development for studies and research, Democratic Arab Centre, Berlin, Germany. ISSN (online) 2625-5596. <https://democraticac.de/?p=72209>
5. **2021** (in review) Estimating total factor productivity in the U.S manufacturing sector during the Great Recession using the Levinsohn and Petrin 2003 approach. Submitted to the JJES journal.
6. **2021** (in progress) The estimation of hospitals' efficiency using the death function during the outbreak of Covid-19 pandemic across the European continent. **Co-author: Samah Jradi.**
7. **2017** (Presented in the conference) The impact of human capital on technical efficiency in the formal private manufacturing firms in Eastern Europe and Central Asia Countries. Presented in the 15TH European Workshop for Efficiency and Productivity Analysis. 2017, London, U.K.

XII. Personal information

- **Name:** Salem Gheit. **Citizenship:** Libyan. **Residence in the United Kingdom:** Jan 2013 – Jan 2019.
 - **Marital status:** Single. **Gender:** Male.
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Thank you very much for taking the time and effort in reading my CV.

My best regards.

Salem Gheit.