



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B post-doc fellowship

[Ahmed Alsayed]

## CURRICULUM VITAE

### PERSONAL INFORMATION

Surname	Alsayed
Name	Ahmed
Date of birth	[19, 12, 1986]

### PRESENT OCCUPATION

Appointment	Structure
Postdoctoral fellow	Statistics, Department of Economics, Management and Quantitative Methods, Milan University

### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	B.Sc. in Statistics "distinction",	Al-Azhar University, Palestine	2008
Specialization	Statistics		
PhD	Statistics	National University of Malaysia	2017
Master	Statistics	University Science Malaysia	2012
Degree of medical specialization			
Degree of European specialization			
Other	Awarded the Certified in Risk Management (CRM),	The International Institute of Professional Research.	2015

### REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City



## FOREIGN LANGUAGES

Languages	level of knowledge
English	Proficient user.
Italian	Intermediate.

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award

## TRAINING OR RESEARCH ACTIVITY

<ul style="list-style-type: none"><li>• Teaching Statistics course for Master degree at Department of Economics, Management and Quantitative Methods, University of Milan, Italy.</li><li>• Teaching assistant of Data Mining and Computational Statistics, at Department of Economics, Management and Quantitative Methods, University of Milan, Italy.</li><li>• Tutor for Advance Multivariate Statistics, Module Robust Statistics and Causal Models, at Department of Economics, Management and Quantitative Methods, University of Milan, Italy.</li><li>• Lecturer in Statistics Department, University Science Malaysia, Malaysia.</li><li>• Research Assistant and Tutor in Statistics Department, National University of Malaysia.</li><li>• Statistician in Gaza Community Mental Health Program, Palestine.</li><li>• Statistician in Statistical Consulting Group, Palestine.</li><li>• English-Based Proposal Writing, UNRWA-2010.</li><li>• Coping Mechanisms with Donors, JICA Alumni Japanese-2009.</li><li>• Public Relationships, German Technical Cooperation-2009.</li><li>• International ATMS Workshop on Multi-and high-dimensional statistics - Copulas - Survival analysis - Model selection, Leuven, Belgium 2018.</li><li>• Third Annual Doctoral Training Partnership Week, Nottingham University 2016.</li></ul>
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## PROJECT ACTIVITY

Year	Project
2021	Dynamic Bayesian Network for Modeling the Covid-19 epidemic”
2021	Economic Resilience and Reaction During an Covid-19 epidemic Lockdown
2020	Association between the Covid-19 Cases and Seasonal Climatic variables in Mediterranean European Region
2018-present	Project title: Methods and models for statistical dependence in mixed data, for Environmental Applications.
2019	Bayesian Regression Model for Genome-Wide Association Studies.
2018	Survival Time of Breast Cancer Patients Using Accelerated Failure Time Model
2014-2017	Robust Estimation and Outlier Detection on Panel Data with Application in Environmental Science
2012	Detecting The Environmental Kuznets Curve in Developed and Developing Countries, Panel data analysis.



## PATENTS

Patent

## CONGRESSES AND SEMINARS

Date	Title	Place
2021	Spatial Econometrics Advanced Institute SEAI 2021	Spatial Econometrics Association, European Union.
2021	Modern Difference in Differences Design	Department of Economics, Management and Quantitative Methods, University of Milan, Italy.
2020	An introduction to Machine Learning using Stata	Centre of Excellence in Economics and Data Science, University of Milan, Italy.
2018	Otto Warburg International Summer School and Research.	Max Planck Institute for Molecular Genetics, Berlin, Germany
2017	Mathematical Modelling in Industrial and Environmental Problems	cooperation program between Institute Technology Bandung, Indonesia and University of Western Australia.

## PUBLICATIONS

Books
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Articles in reviews
Al Sayed, A. R. and Sek, S. K. (2013), "Environmental Kuznets Curve: Evidences from Developed and Developing Economies" APPLIED MATHEMATICAL SCIENCES 7(22): 1081-1092.
Zaidi i. and. Al Sayed, A. R. and Sek, S. K. (2015), "Review paper on economic growth-aggregate energy consumption nexus" INTERNATIONAL JOURNAL OF ENERGY ECONOMICS AND POLICY 5(2), 385-401.
Zaidi i. and. Al Sayed, A. R and Sek, S. K. (2015), "The relationship between Energy Consumption, Economic Growth and Sulphur Emissions by Panel Data approach" GLOBAL JOURNAL OF PURE AND APPLIED MATHEMATICS 11(6): 4603-4616.
Zaidi i. and. Al Sayed, A. R and Sek, S. K. (2015), "Does the Particulate Matter PM10 Have Significant Effect in the Relationship Between Economic Growth and Energy Consumption?." ADVANCED SCIENCE LETTERS 21 (6): 1995-1998.
Zaidi i. and. Al Sayed, A. R and Sek, S. K. (2017), "Examining The Relationship between Economic Growth, Energy Consumption and CO2 Emission Using Inverse Function Regression" APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH 15(1): 473-484.
Al Sayed, A. R., Isa, Z., & Kun, S. S. (2018) "Outliers Detection Methods in Panel Data Regression, with an Application in Environment Science" INTERNATIONAL JOURNAL OF ECOLOGICAL ECONOMICS & STATISTICS. 39(1), 73-86.
Al Sayed. A. R and Zaidi i, and Sek, S. K. (2019), "Quantile Regression to Tackle The Heterogeneity Problem of The Relationship between Economic Growth, Energy Consumption, and CO2. ENVIRONMENTAL MODELING & ASSESSMENT, 1-8.
Alsayed AR, Manzi GI. (2019) "A Comparison of Monotonic Correlation Measures with Outliers". WSEAS TRANSACTIONS ON COMPUTERS.;18(1):223-30.
Alsayed, A., & Manzi, G. (2020). "A Validation Forecast Using Robust Estimators Into Environmental Application." INTERNATIONAL JOURNAL OF ENERGY, ENVIRONMENT AND ECONOMICS, 26(3), 183-195.
Jakanathan, L., Alsayed, A.R.M., Sek, S.K. (2019) "A Study to Determine the Survival Time of Breast Cancer Patients Using Accelerated Failure Time Model" JOURNAL OF ADVANCED RESEARCH IN DYNAMICAL AND CONTROL SYSTEMS, 11(12), 52-57.



Al-Jawarneh, A. S., Ismail, M. T., Awajan, A. M., & Alsayed, A. R. (2020). "Improving accuracy models using elastic net regression approach based on empirical mode decomposition." COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, 1-20.
Alsayed A. R (2021) "The Association between the Covid-19 Cases and Seasonal Climatic variables in Mediterranean European Region, Evidence by Panel Data Regression" International Journal of Environmental Science and Technology, Under review.
AlSayed, A.R.M, Saibene, G., Martins, H. and Manzi, G. (2021). "Regional economic convergence in federation contexts: A comparative analysis for Brazil and the European Union", The Annals of Regional Science. Under Review.

Congress proceedings
Alsayed, A.R.M., Manzi, G. and Gerardi G (2021)" How's life in the village? Economic Resilience and Reaction During an Epidemic Lockdown". XLII Annual Scientific Conference, Italian Regional Science Community (AISRe), Dipartimento Scienze Statistiche, 8-10 September 2021, Lecce, Italy.
Nicolussi F, Alsayed A, and Rios V. (2021) "Dynamic Bayesian Network for Modeling the Covid-19 epidemic" Applied Stochastic Models and Data Analysis International Society (ASMDA2021), 1 - 4 June 2021, Athens, Greece.
Alsayed, A.R.M., Manzi, G. and Kun, S. S. (2019). "Comparison of Dependence Coefficient in Presence of Outliers. A Simulation Study". No. 124. DAGStat Statistical Meeting conference, 18 - 22 March 2019, Department of Statistics, Ludwig-Maximilians-Universität München, Germany.
Al Sayed, A. R., Isa. Z. and Sek, S. K. (2017), "Robust Statistics and Outlier Detection Methods on Environmental Science", International Conference on Robust Statistics (ICORS 2017), 3-7 July 2017, University of Wollongong, Wollongong, Australia.
Al Sayed, A. R., (2017), "Out of Sample Forecasting Using Robust Estimator, Environmental Application", 37th International Symposium on Forecasting (ISF 2017), 25-28 June 2017, International Institute of Forecasters, Cairns Convention Centre, Cairns, Australia.

OTHER INFORMATION


Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: \_\_\_13/7\_/2021 \_\_\_

SIGNATURE