

# ELISA M. MAFFIOLI

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## ACADEMIC APPOINTMENT

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<b>University of Michigan, School of Public Health, Ann Arbor (MI)</b> Assistant Professor, Department of Health Management and Policy	2018 -
<b>University of Chicago, Chicago (IL)</b> Visiting Scholar and Director for Water and Health, Development Innovation Lab (DIL)	2021-2022

## AFFILIATIONS

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Institute for Healthcare Policy and Innovation, University of Michigan	2019 -
Global REACH, University of Michigan	2019 -
African Studies Center (ASC), University of Michigan	2018 -
Population Studies Center (PSC), University of Michigan	2018 -

## EDUCATION

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<b>Duke University, Durham (NC)</b> PhD in Economics MA in Economics	2012 - 2018
<b>Bocconi University, Milan (Italy)</b> MSc in Economics and Social Sciences	2009 - 2012
<b>Bocconi University, Milan (Italy)</b> BA in Economics and Social Sciences	2006 - 2009

## RESEARCH

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**Research Focus:** Development Economics, Health Economics, Political Economy

### Publications

1. Lee H, **Maffioli EM**, Veliz PT, Sakala I, Chiboola NM, Lori JR, “Direct and Opportunity Costs Related to Utilizing Maternity Waiting Homes in Rural Zambia” *Midwifery*, November 2021. DOI: 10.1016/j.midw.2021.103211
2. **Maffioli EM**, “The Political Economy of Health Epidemics: Evidence from the Ebola Outbreak” *Journal of Development Economics*, June 2021.
3. Lee H, **Maffioli EM**, Veliz PT, Munro-Kramer ML, Phiri TK, Sakala I, Kaunda J, Chiboola NM and Lori JR, “The role of Savings and Internal Lending Groups (SILCs) in improving household wealth and financial preparedness for birth in rural Zambia”, *Health Policy and Planning*, April 2021. DOI: 10.1093/heapol/czab049.
4. **Maffioli EM**, “Collecting Data During an Epidemic: A Novel Mobile Phone Research Method”, *Journal of International Development*, September 2020. doi: 10.1002/jid.3515.
5. **Maffioli EM**, Prudhomme O’Meara W, Turner EL, Mohanan M. “Can individuals’ beliefs help us understand non-adherence to malaria test results? Evidence from rural Kenya”, *Review of Development Economics*, August 2020. DOI: 10.1111/rode.12708.

6. Maffioli EM. “Consider inequality: another consequence of the coronavirus epidemic”, *Viewpoints, Journal of Global Health*, June 2020. doi: 10.7189/jogh.10.010359.
7. Maffioli EM. “How Is the World Responding to the 2019 Coronavirus Disease Compared to the 2014 West African Ebola Epidemic? The Importance of China as a Player in the Global Economy”, *Perspective Piece, American Journal of Tropical Medicine and Hygiene*, March 2020. doi: 10.4269/ajtmh.20-0135.
8. Maffioli EM, Saran I, Mohanan M, Prudhomme O’Meara W. “Does improving appropriate use of malaria medicines change population beliefs in testing and treatment? Evidence from a randomized controlled trial”, *Health Policy and Planning*, March 2020.
9. Maffioli EM, Hernandez Rocha TA, Vivas G, Rosales C, Staton C, Nickening Vissoci JR. “Addressing inequalities in medical workforce distribution: Evidence from a quasi-experimental study in Brazil” *BMJ Global Health*, November 2019; 4:e001827. doi: 10.1136/bmjgh-2019-001827.
10. Maffioli EM, Mohanan M. “Touching Beliefs: Using Touchscreen Technology to Elicit Subjective Expectations in Survey Research” *PLoS ONE*, November 2018; 13(11): e0207484.
11. Prudhomme O’Meara W, Menya D, Laktabai J, Platt A, Saran I, Maffioli EM, et al. “Improving rational use of ACTs through diagnosis-dependent subsidies: Evidence from a cluster-randomized controlled trial in western Kenya”. *PLoS Med*, July 2018; 15(7): e1002607.
12. Saran I, Maffioli EM, Menya D, Prudhomme O’Meara W. “Household beliefs about malaria testing and treatment in Western Kenya: the role of health worker adherence to malaria test results”. *Malaria Journal*, August 2017; 16, 349.
13. Maffioli, EM. “Is Traditional Male Circumcision Effective as HIV Prevention Strategy? Evidence from Lesotho”. *PLoS ONE*, May 2017; 12 (5): e0177076.
14. Laktabai J, Lesser A, Platt A, Maffioli EM, Mohanan M, Menya D, Prudhomme O’Meara W, Turner EL. “An innovative public-private partnership to target subsidized antimalarials: a study protocol for a cluster randomized controlled trial to evaluate a community intervention in Western Kenya”. *BMJ Open*, March 2017; 7(3):e013972.
15. Prudhomme O’Meara W, Mohanan M, Laktabai J, Lesser A, Platt A, Maffioli EM, Turner EL, Menya D. “Assessing the independent and combined effects of subsidies for antimalarials and rapid diagnostic testing on fever management decisions in the retail sector: results from a factorial randomised trial in western Kenya”. *BMJ Global Health*, Sept 2016; 1(2):e000101. doi: 10.1136/bmjgh-2016-000101.

### Working Papers

- “The Local Health Impacts of Natural Resources’ Booms in Brazil”
- “Is the Phone Mightier than the Virus? Cell Phone Access and Epidemic Containment Efforts” (with Robert Gonzalez)
- “Profile of a Conspiracy Theorist: The Role of Government Trust and Technology on Misinformation during an Epidemic” (with Robert Gonzalez)
- “Are Behavioral Change Interventions Needed to Make Cash Transfer Programs Work for Children? Experimental Evidence from Myanmar” (with Erica Field)
- “Poverty and Food Insecurity during COVID-19: Telephone survey evidence from mothers in rural and urban Myanmar”. Strategy Support Program, IFPRI Working Paper 03, October 2020 (with Derek Headey, Sophie Goudet, Isabel Lambrecht, Than Zaw Oo, and Russell Toth).

- “Consumer Immobility Predicts both Macroeconomic Contractions and Household Poverty during COVID-19”. IFPRI Discussion Paper 2002 (2021). (with Derek Headey, Ame Cho, Isabel Lambrecht, Russell Toth).
- A Methodology for Pandemic Response Analysis: Comparative Configurational Analysis of COVID-19 (with Holly Jarman, Scott Greer, Neil Mehta, Elizabeth King, and others)
- “Italy and Spain hit hard by COVID-19, but 2020 death rates far lower than pre-pandemic United States” (with Holly Jarman, Scott Greer, Neil Mehta, Elizabeth King, and others)
- “The effect of savings groups on reproductive health services access and utilization: a scoping review” (with Haeun Lee, Michelle L. Munro-Kramer, Jody Lori, and Philip Veliz)
- “Savings and internal lending communities in improving community-level household wealth, financial preparedness for birth, and utilization of reproductive health services: A secondary analysis” (with Haeun Lee, Philip Veliz, Michelle L. Munro-Kramer, Isaac Sakala, Nchimunya M Chiboola, Thandiwe Ngoma, Jeanette Kaiser, Peter C Rockers, Nancy Scott, Jody Lori)

### Selected Work in Progress

- “A Comparison Between Government and NGO in Delivering Cash Transfers: Who Does Perform Better?” (with Erica Field) - *Data analysis*
- “Assessing the Impacts of COVID-19 on Food and Nutrition Security in Myanmar” (with IFPRI) - *Data collection ongoing*
- “Fostering Trust in the Government during COVID-19” - *Data collection ongoing*
- “Collaboration between Government and Ethnic Armed Organizations in the Provision of Social Welfare Programs in Conflict-Affected Myanmar” (with Nicholus Tint Zaw)
- “Improving the Efficient Use of National Resources in Mozambique” - *Gathering data*
- “Low-quality Medicines: Protecting the drug supply chain with an affordable and handy innovation in Nigeria” - *Field work preparation*

### Policy Reports

- “*The role of Ethnic Armed Organizations in the provision of a social welfare program in Kayah State of Myanmar*”, prepared for the International Growth Center, 2021 (with Nicholus Tint Zaw)
- “*How do low-quality medicines reach consumers? A qualitative assessment of the health supply chain and individual perceptions in Myanmar*”, 2021 (with Nicholus Tint Zaw)
- *Social Pension Qualitative Assessment*, prepared for HelpAge International, 2020 (with Nicholus Tint Zaw)
- “*Maternal and Child Cash Transfer program (LEGACY) in Myanmar – Endline report*”, prepared for Save the Children and LIFT, 2019 (with Erica Field, Nicholus Tint Zaw, Federica Esu, Alexander Fertig)
- “*Maternal and Child Cash Transfer program (LEGACY) in Myanmar – Midline report*”, International Growth Center, 2018 (with Alexander Fertig)
- “*Feasibility Study: Technical options to implement a universal maternal and child cash transfer program in Myanmar*”, IGC, UNICEF, Save the Children, 2015 (with Jenny Hilton)
- “*Leveraging Technology-Enabled Banking Agent Distribution Networks*”, Fino Fintech Foundation, Interim Baseline Report, CIRM (Center for Insurance and Risk Management), 2014 (with Saurabh Sharma and Rupalee Ruchismita)

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**PROFESSIONAL EXPERIENCE**


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|---|--|
| <b>Malaria Consortium</b><br><i>Consultant</i>  | July-September 2021<br><i>Maputo, Mozambique</i>   |
| · Costing Analysis of Malaria Surveillance Strengthening Project  |  |
| <b>HelpAge International</b><br><i>Consultant</i>   | January-March 2020<br><i>Yangon, Myanmar</i>       |
| · Assessment of National Social Pension Program.  |  |
| <b>UNICEF, Save the Children, and IGC</b><br><i>Consultant</i>  | May-August 2015<br><i>Yangon, Myanmar</i>          |
| · Consultant for a feasibility study to implement a maternal and child cash transfer program in Myanmar.  |  |
| <b>Duke University</b><br><i>Research Assistant</i>   | September 2013 - May 2018<br><i>Durham, NC</i>     |
| · Research Assistant for Prof. Erica Field.   |  |
| <b>World Bank</b><br><i>Research Manager</i>  | January 2011 - July 2012<br><i>Maseru, Lesotho</i> |
| · Research Manager for Prof. Svensson, Prof. Bjorkman, Dr. de Walque, and Prof. Corno on the project “Short-term financial incentives, sexual behaviour and HIV”. |  |
| <b>IGIER</b><br><i>Research Assistant</i>   | October - December 2010<br><i>Milan, Italy</i>     |
| · Research assistant on several projects in development and health economics for Prof. Martina Bjorkman.  |  |
| <b>Mimoza Enterprises Finance Pvt. Ltd</b><br><i>Summer Intern</i>  | June-August 2009<br><i>Dehradun, UP, India</i>     |

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**OTHER ACTIVITIES**


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- 2021: IMPACT Community of Practice, Global Research Consortium on School Health and Nutrition, London School of Hygiene and Tropical Medicine
- 2021: Technical Advisory Group, World Food Program (WFP), Office of Evaluation (OEV), School-based programmes (SBP) Impact Evaluation Window

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**COLLABORATIONS**


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| Ministry of Health, Kenya  | 2021-     |
| Ministry of Health, Nursing and Midwifery Association (SLNMA), Somaliland                  | 2021-     |
| Department of Social Welfare at the Ministry of Welfare, Relief, and Resettlement, Myanmar | 2015-     |
| Community Health and Development Network (Ethnic Government Organization), Myanmar         | 2019-     |
| Ministry of Health, The National Malaria Control Program, Mozambique                       | 2019-     |
| Pan American Health Organization (PAHO/WHO), Brazil  | 2017      |
| Livelihoods and Food Security Fund (LiftFund), Myanmar                                     | 2015-     |
| Save the Children, Myanmar   | 2015-2019 |
| Ministry of Health, Ebola Research Unit, Liberia   | 2015-2016 |
| O' Meara Lab, Kenya  | 2014-2015 |

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**FIELD WORK EXPERIENCE**


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Nairobi, Kenya	August 2021
Maputo, Mozambique	June 2019
Rio de Janeiro and Brasilia, Brazil	July 2017
Dry Zone, Kayah, Kayin, Myanmar	May 2015, Apr 2016, Sept 2018, May and Dec 2019
Monrovia and Bong County, Liberia	April, July, December 2015, June 2017
Eldoret, Bungoma East, Kenya	July-August, December 2014
Thanjavur, Tamil Nadu, India	July-August 2013, 2014
Maseru, Lesotho	January 2011-July 2012

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**TEACHING EXPERIENCE**


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The Economics of Health Management and Policy, U of Michigan (Master)	2021
Introduction to Economic Evaluation, U of Michigan (Master)	2019-2022
Health Policy Challenges in Developing Countries, U of Michigan (Master)	2019-2021
The Economics of Health Management and Policy, U of Michigan (Exec Master)	2019-2021
Field Experiments, Duke University (PhD)	2016
Economics of Global Health, Duke University (Undergraduate) - TA for Prof. Erica Field	2015

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**PRESENTATIONS**


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**2022:** Center for Global Health Equity, University of Michigan (January 13, *scheduled*)

**2021:** AEA meetings (January 5); University of Michigan Population Studies Center (October 25); University of Southern Denmark (November 18).

**2020:** WIDTH seminar, School of Public Health, University of Michigan, Ann Arbor MI (November 19); Webinar organized by IFPRI and LIFT Myanmar (September 15); Barcelona GSE Research Webinar (June 15-16); Centre for the Study of African Economies (CSAE), Oxford UK (March 22-24, *cancelled*); PACDEV, Berkely University (March 14, *virtual*); H2D2 Research Day, University of Michigan, Ann Arbor MI (March 13, *virtual*); WIDTH seminar, School of Public Health, University of Michigan, Ann Arbor MI (February 20).

**2019:** Department of Social Welfare, Naypyidaw, Myanmar (December 2); NEUDC, Chicago (October 5-6); International Health Association, Basel, Switzerland (July 13-17); Department of Social Welfare, Naypyidaw, Myanmar (May 30); Global REACH, University of Michigan, Ann Arbor MI (April 16); WIDTH seminar, School of Public Health, University of Michigan, Ann Arbor MI (March 23); Economic Development Seminar (EDS), Department of Economics, University of Michigan, Ann Arbor MI (March 22); Hitotsubashi University, Tokyo, Japan (March 6); Osaka University, Osaka, Japan (March 4); United2Heal, University of Michigan, Ann Arbor MI (January 30).

**2018:** UNICEF initiative, University of Michigan, Ann Arbor MI (November 6); Results for Development, Washington DC (February 16); IDInsight, San Francisco, CA (February 14); Analysis Group - Economic Consulting and Strategy, Los Angeles, CA (February 13); NERA Economic Consulting, New York City, NY (February 8); School of Public Health, University of Michigan, Ann Arbor, MI (February 2); Inter-American Development Bank, Washington DC (January 25); American Institutes for Research, Washington DC (January 24); IMPAQ International, Washington DC (January 30).

**2017:** NEUDC, Tufts University, Medford, MA (November 4-5); APPAM Fall Research Conference, Chicago, IL (November 2-4); Annual Congress EEA/ESEM, Lisbon, Portugal (August 21-25);

Annual International Conference of the Research Group on Development Economics, University of Gottingen, Germany (June 2017); Development and Political Economics Graduate Student Conference (PACDEV), Stanford University, CA (March 11); Duke University Center for International and Global Studies, Duke University, Durham, NC (April 2017).

**2016:** CEAR-CSAE Workshop, Eliciting Subjective Beliefs and Risk and Time Preferences in Developing Countries, Georgia State University, Atlanta (October 10-13); Duke Global Health Institute, Scholars' Seminar, Duke University, Durham, NC (February 14).

**2015:** iHEA, 11th World Congress, Milan, Italy (July 12-15); Department of Social Welfare, Naypyidaw, Myanmar (May 6); PAA Annual Meeting, San Diego, CA (April 3-May 2); IGC Economics of Ebola Initiative - *invited* (June 12); International Population, Health and Development Lunch, Duke University, Durham, NC (X2).

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## HONORS AND AWARDS

2017: Conference Travel Award, Graduate School, Duke University

2015-2018: Duke Global Health Scholarship

2014-2017: Summer Research Fellowship, Graduate School, Duke University

2014-2018: Graduate Fellowship, Department of Economics, Duke University

2011-2012: "Premio all Studio", BCC Treviso, Italy

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## GRANTS

### Active

Role: Investigator

Title: Exploring avenues to increase vaccination in Kenya

Source: Bill and Melinda Gates Foundation

Dates: November 2021 - May 2022

Amount: 213,000\$

Role: Principal Investigator

Title: Evaluate the effectiveness of an affordable and handy innovation in pharmacies to reduce the prevalence of low-quality medicines in Nigeria

Source: African Social Research Initiative (ASRI), University of Michigan

Dates: May 2021 - May 2022

Amount: 6,667\$

Role: Co-Principal Investigator (PI: Jarman)

Title: Classifying the Causes, Consequences, and Lessons of Resilience Within International Scientific Collaboration

Source: NSF-EAGER

Dates: September 2021 - August 2023

Amount: 299,882\$

Role: Co-Principal Investigator

Title: Understanding abortion-related complications and midwives' role in the provision of quality post-abortion care and modern contraceptives focusing on Internally Displaced People in Somaliland

Source: Institute for Research on Women and Gender (PI: Klingberg Allvin)

Dates: March 2021 - March 2023

Amount: 7,000\$

Role: Principal Investigator

Title: Protecting the drug supply chain with an affordable and handy innovation in Nigeria

Source: USAID-DIV  
Dates: May 2021 - February 2023  
Amount: 344,312\$

Role: Co-Principal Investigator (PI: Klingberg Allvin)  
Title: Understanding abortion-related complications and midwives' role in the provision of quality post-abortion care and modern contraceptives focusing on Internally Displaced People in Somaliland  
Source: elrha (seed funding)  
Dates: January - March 2021  
Amount: 9,820£

### **Completed**

Role: Co-Principal Investigator  
Title: Analysis of Global Pandemic Response Strategies  
Source: U. S. Army Corp of Engineers  
Dates: May 2021 - August 2021  
Amount: 60,736\$

Role: Co-Principal Investigator  
Title: Comparative configurational analysis of SARS-CoV-2 response strategies  
Source: U. S. Army Corp of Engineers (w912HZ20P0107)  
Dates: August 2020 - March 2021  
Amount: 125,000\$

Role: Principal Investigator  
Title: Fostering trust in state authorities during COVID-19 pandemic in Liberia  
Source: International Growth Center  
Dates: August 2020-March 2021  
Amount: 17,000£

Role: Principal Investigator  
Title: Fostering trust in state authorities during COVID-19 pandemic in Liberia  
Source: Walter J. McNerney Award, University of Michigan  
Dates: June 2020-September 2020  
Amount: 5,000\$

Role: Principal Investigator  
Title: Fostering trust in state authorities during COVID-19 pandemic in Liberia  
Source: African Social Research Initiative (ASRI), University of Michigan  
Dates: June 2020-September 2020  
Amount: 7,000\$

Role: Principal Investigator  
Title: The role of government and ethnic organizations in the provision of social welfare programs in Kayah State of Myanmar.  
Source: International Growth Center  
Dates: March 2020-February 2021  
Amount: 19,954£

Role: Principal Investigator  
Title: Improving the efficient use of national resources: a Cost-Effectiveness analysis exercise to guide the Ministry of Health's decisions  
Source: International Growth Center  
Dates: March-December 2020  
Amount: 13,090£

Role: Principal Investigator

Title: The role of government and ethnic organizations in the provision of social welfare programs in Kayah State of Myanmar.

Source: Elizabeth Caroline Crosby, ADVANCE Program, University of Michigan

Dates: January 2020-2021

Amount: 4,200\$

Role: Principal Investigator

Title: Improving the efficiency and effectiveness of Mozambique's primary health care

Source: Center for African Studies, University of Michigan

Dates: July 2019

Amount: 2,000\$

Role: Principal Investigator

Title: Low-quality medicines in Myanmar

Source: University of Michigan Office of Global Health

Dates: June - September 2019

Amount: 7,500\$

Role: Principal Investigator

Title: The local health impacts of natural resources' booms in Brazil

Source: Travel Fund, Duke University

Dates: Summer 2017

Amount: 2,500\$

Role: Principal Investigator

Title: The local health impacts of natural resources' booms in Brazil

Source: Duke Brazil Initiative Research Grants

Dates: Summer 2017

Amount: 2,500\$

Role: Principal Investigator

Title: The political economy of health epidemics: Evidence from the Ebola outbreak (Liberia)

Source: Duke Policy Bridge, Sanford School of Public Policy

Dates: 2017

Amount: 3,400\$

Role: Member

Title: Global Challenges in Development Economics, Working Groups on Global Issues

Source: Duke University Center for International and Global Studies (DUCIGS)

Dates: 2016-2017

Amount: 1,000\$

Role: Principal Investigator

Title: The political economy of health epidemics: Evidence from the Ebola outbreak (Liberia)

Source: Global Health Doctoral Dissertation Grant

Dates: March 2016 - March 2017

Amount: 12,000\$

Role: Principal Investigator (with Erica Field)

Title: The health effects and effective delivery of maternal cash transfers in Myanmar

Source: International Growth Center

Dates: 2016-2018

Amount: 145,000£

Role: Principal Investigator



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Title: The political economy of health epidemics: Evidence from the Ebola outbreak (Liberia)

Source: Governance Initiative, J-PAL

Dates: 2015

Amount: 5,350\$

Role: Principal Investigator

Title: The political economy of health epidemics: Evidence from the Ebola outbreak (Liberia)

Source: International Growth Center

Dates: 2015-2018

Amount: 63,000£

Role: Principal Investigator

Title: The political economy of health epidemics: Evidence from the Ebola outbreak (Liberia)

Source: Travel Fund, Duke University

Dates: 2015

Amount: 5,000\$

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## REFEREE

American Economic Review; Journal of Political Economy; AER Insights; World Development; Journal of Development Economics; Social Science and Medicine; Lancet Infectious Diseases; WHO Bulletin; PlosOne; BMC Health Services Research; BMJ Open; Food Security; Journal of Health Economics and Management; International Journal of Health Policy and Management; International Journal of Equity in Health; International Journal of Environmental Research and Public Health; Human Resources for Health; Health Policy and Technology; Risk Management and Healthcare Policy; AIDS Research and Therapy; Policy and Society; Sustainability.

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## STUDENT ADVISING

Grace Chung, Health Management and Policy, University of Michigan (committee member)

Haeun Lee, School of Nursing, University of Michigan (committee member, PhD in progress)

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## PROGRAMMING SKILLS

STATA, ArcGIS, L<sup>A</sup>T<sub>E</sub>X, Matlab, R, Survey CTO, CSPro.

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## LANGUAGES

Italian (mother tongue), English (fluent)