KAROLINE BAX, Ph.D.

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RESEARCH INTERESTS

Sustainability, ESG, and Biodiversity Finance
Risk Analysis and Copula Modeling
Statistics and Financial Econometrics
Large Language Models and Textual Analysis

CURRENT POSITION

Postdoctoral Researcher	Nov. 2022 - now
Statutory Independent University Examiner	June 2023 - now

Technical University of Munich, Germany
Center for Digital Transformation
TUM School of Management
TUM Campus Heilbronn

Prof. Dr. Sebastian Müller, CFA

VISITING POSITIONS

Massachusetts Institute of Technology, USA	Sep. 2024 - Oct. 2024

MIT Sloan School of Management
Aggregate Confusion Project

Prof. Roberto Rigobon, Ph.D.
Florian Berg, Ph.D.

Technical University of Munich (TUM), Germany	Oct. 2020 - March 2022

School of Computation, Information and Technology
Department of Mathematics

Prof. Claudia Czado, Ph.D.

EDUCATION

Ph.D. Economics and Management **with the additional label of *Doctor Europaeus***	Nov. 2019 - March 2023

University of Trento, Italy
Doctoral School of Social Sciences
Department of Economics and Management

Thesis: *Essays in Sustainable Finance*
Advisor: Prof. Sandra Paterlini, Ph.D.

M.Sc. Finance   Aug. 2017 – Sep. 2018

    EBS University, Germany

B.Sc. General Management   Aug. 2014 – July 2017

    EBS University, Germany

Apprenticeship and work as Air Traffic Controller   Aug. 2012 - June 2014

    Deutsche Flugsicherung GmbH, Langen, Germany
    Working in the Center Munich

International Baccalaureate   Sep. 2008 - Aug. 2010

    King William's College, Isle of Man

ORGANIZER/
HOST
Current Research Trends in Sustainable Finance   Nov. 2023
Two day interdisciplinary workshop at
TUM Campus Heilbronn, Germany
together with Prof. Dr. Sebastian Müller

RECENT
CONFERENCES
AND INVITED
SEMINARS
33st EFMA 2024   June 2024
European Financial Management Association
ISEG, Universidade de Lisboa, Lisbon, Portugal
Presentation of working paper: Chasing ESG Performance:
Revealing the Impact of Refinitiv's Scoring System.

Invited Seminar at EBS University   June 2024
Prof. Dr Julia Hartman - EBS University
Presentation of working paper: Chasing ESG Performance:
Revealing the Impact of Refinitiv's Scoring System.

Statistical Learning with Vines   June 2023
Prof. Claudia Czado, PhD - Technical University of Munich
Presentation of paper: ESG, Risk, and (tail) dependence.

Invited Seminar at MCFAM Seminar   Nov. 2022
Prof. Rina Ashkenazi - University of Minnesota
Virtual presentation of working paper: Large Do lower ESG rated
companies have higher systemic impact? Empirical Evidence from
Europe and the United States.

Invited Seminar at AMCE Research Seminar   Nov. 2022
Prof. Dr. Ramzi Benkraiem - Audencia Business School
Virtual presentation of working paper: Large Do lower ESG rated
companies have higher systemic impact? Empirical Evidence from
Europe and the United States.

13th CEQURA
Advances in Financial and Insurance Risk Management Oct. 2022
LMU Center for Quantitative Risk Analysis, Munich
Virtual presentation of working paper: Large Do lower ESG rated
companies have higher systemic impact? Empirical Evidence from
Europe and the United States.

31st EFMA 2022 June/July 2022
European Financial Management Association
Campus Bio-Medico University, Rome
Presentation of working paper: ESG, Risk, and (tail) dependence.

CINSC: 1st Conference on International Finance; Sustainable
and Climate Finance and Growth June 2022
Future Finance and Economics Association
Università degli Studi di Napoli 'Parthenope', Naples
Presentation of working paper: ESG, Risk, and (tail) dependence.

Invited Seminar at TTU Mathematical Finance April 2022
Prof. Dr. Svetlozar Rachev - Texas Tech University
Virtual presentation of working paper: ESG, Risk, and (tail) dependence.

10th MAF2022 April 2022
Mathematical and Statistical Methods for Actuarial Science
and Finance, University of Salerno
Virtual presentation of working paper:A generalized precision matrix for
t-Student distributions in portfolio optimization

LANGUAGES **German** (native), **English** (proficiency), **Italian** (beginner)