

Amirhossein (Miros) ZOHREHVAND

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RESEARCH INTERESTS

My research interests lie at the intersection of strategy and machine learning; how big data, machine learning, and dependent technologies contribute to differences in firm performance. In my dissertation, I investigate this question from different perspectives: I investigate big data and machine learning both as (a) a theoretical phenomenon that is changing organizations and (b) as a methodological tool that can advance research and practice. In my dissertation projects, I focus on social media as an application domain, where big data and machine learning are core. I apply different machine learning techniques to big data from social media to study (a) how social media influences organizational leader communications and strategic decisions and (b) how social media as an input to prediction algorithms can help to analyze strategic decisions, such as M&A.

EDUCATION

UCL School of Management Ph.D. in Strategy and Entrepreneurship Thesis: “Essays on Machine Learning and Strategic Decision Making” Advisory Committee: Dr. B. Vanneste (chair), Prof. D. Ravasi, and Prof. M. Kilduff	2015 - Present
UCL School of Management Master of Research	2014 - 2015
Sharif University of Technology MBA with specialization in Strategy	2011 - 2014
Sapienza University of Rome One year of select course work in architecture	2007 - 2008
Sharif University of Technology BSc. in Mechanical Engineering	2006 - 2011

RESEARCH PORTFOLIO

DOCTORAL DISSERTATION

Zohrehvand A, Doshi A, Vanneste B. Beyond Shareholder Returns using Synthetic Controls: An Application to the Dollar Tree-Family Dollar Acquisition

Working paper. Under review at *Strategic Management Journal*

- Short listed for Best Paper Award at Strategy division of the 78th Annual Meeting of the Academy of Management, 2018 (Chicago)

Zohrehvand A. 50 Million Followers Can’t Be Wrong, or Can They? The Influence of Social Media on Communication Patterns of Organizational Leaders

Working paper. In preparation for submission to *Organization Science*

- Nominated for SMS London PhD Paper Prize

Zohrehvand A. The Influence of Social Media Feedback on Strategic Decisions (Data analysis)

OTHER WORK IN PROGRESS

To Go Against the Flow? Social Media Feedback and Voting Turnovers at US Congress (Conceptual stage)

PRESENTATIONS

Zohrehvand A, Doshi A, Vanneste B. Beyond Shareholder Returns using Synthetic Controls: An Application to the Dollar Tree-Family Dollar Acquisition

- ESMT Berlin, 2020
- Indian School of Business, “AI & Strategy” workshop, (partner: Microsoft), 2019 (Hyderabad)
- Strategic Management Society, the 38th Annual Conference, 2018 (Paris)
- Imperial Business School, the PhD Research Day in Innovation, Entrepreneurship & Strategy, 2018

Zohrehvand A. 50 Million Followers Can’t Be Wrong, or Can They? The Influence of Social Media on Communication Patterns of Organizational Leaders

- (to be presented) Strategic Management Society, the 40th Annual Conference, 2020
- (to be presented) Academy of Management Annual Meeting, 2020
- European Group for Organizational Studies, the 35th Colloquium, 2019 (Edinburgh)

HONORS

Winner of the first School of Management Happiness Award (PhD Category)	2019
Indian School of Business (Partnered with Microsoft, India) USD 1000 travel expenses award	2019
Strategic Management Society Meeting Doctoral Scholarship	2018
Academy of Management Best Paper Proceedings	2018
Ranked 12 in National University Entrance Exam for MBA among more than 40,000 participants	2011
Ranked 165 in National University Entrance Exam in the Math-Physics group among more than 240,000 participants	2006
Placed in the 99 Percentile in Azad University Entrance Exam in the Math-Physics group	2006

TEACHING EXPERIENCE

LECTURER

Statistics for Business Research Master’s course Fall 2018
A half-semester accelerated course (15hrs of teaching) covering the fundamentals of statistics and their applications to managerial problems. (Course evaluation: 4.29/5)

GUEST LECTURER

Business Research Methods Master’s course, Instructed by Dr. Hercheui Spring 2019
(a) A three-hour introductory lecture titled *Business Research in the Age of Machine Learning* on the theory and practice of machine learning in business research using *Python*.
(b) Two out of ten sessions of a compulsory course covering different data science methods for business and some basic applications in *R* for a group of more than 200 students. Fall 2017

TUTOR

Business Analytics Undergraduate course, Instructed by Dr. Smith Spring 2019 & 2020
A one week event for enabling students to tackle two real-world prediction problems using their knowledge of statistics and *R* language. During this week, Dr. Smith and I were present at the venue, so students can approach each one of us with statistics and *R* programming questions.

TEACHING ASSISTANT

Entrepreneurial Strategy Master’s course, Instructed by Dr. Ching. Spring 2018 & 2019
Corporate Strategy Master’s course, Instructed by Dr. Vanneste. Fall 2015 & 2016
Advanced Strategic Planning MBA course, Instructed by Dr. Arasti. Spring 2014

Strategic Planning MBA course, Instructed by Dr. Arasti.

Spring 2014

Organization Theories and Design MBA course, Instructed by Dr. Feyzbakhsh.

Fall 2013

SERVICE

Ad-hoc reviewer for AOM and SMS conferences

PhD program academic representative, UCL School of Management

2017 - 2019

Department lead academic representative, UCL School of Management

2018 - 2019

SELECTED SKILLS

Computer Skills: ADVANCED knowledge of Python, R, SQL, and Tex. Intermediate knowledge of C++, HTML, and JavaScript.

Languages: Persian (native), English (fluent), Italian (Intermediate), and Arabic (basic).

OTHER EXPERIENCES

Co-founder and Advisor, Noyan Afra Teb

2014 - Present

Noyan Afra Teb is a start-up concentrating on import, promotion, and distribution of baby lifestyle brands into the Iranian market.

Strategy Consultant, Institute for Nanoscience and Nanotechnology, Sharif University

March 2013 - July 2014

Leading the project for strategic planning and strategy implementation.

REFERENCES

Bart Vanneste (Advisor)

Associate Professor of Strategy

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Davide Ravasi (Advisor)

Professor of Strategy and Entrepreneurship

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