Faculty of Law, Economics and Social Sciences (Ain Chock), University Hassan II of Casablanca (Morocco)

Workshop on Quantitative Data Analysis led by Thomas Schøtt[1]

You are invited to the next GEM data workshop, to be held January 7, 8, 10, 11, 2019, at Hassan II University, Casablanca, Morocco, led by Thomas Schøtt asst. by Ye Liu.

Purpose and content
The purpose of the workshop is to train GEM-researchers in analysis of GEM-data for international publication. Training focuses on specifying hypotheses, testing them statistically, and reporting results for academic and policy audiences.

Format
Each participant selects an own research question about people's entry into entrepreneurship or about entrepreneurs' work, perhaps in a national context, and researches it by analyzing GEM-data in SPSS, with guidance and consultation by the instructors, resulting in a study suitable for academic presentation and publication. The instructors will create customized data from GEM. A particular focus in the workshop will be on **family business**.

Learning objectives
Ability to address research questions in entrepreneurship by analyzing quantitative data from GEM.

Prerequisites
Each participant must prepare for the workshop by reading GEM-literature, the GEM-questionnaires, and installing SPSS on own laptop computer.

Literature
Bosma, N. 2013. 'The Global Entrepreneurship Monitor (GEM) and its impact on entrepreneurship research'. Foundations and Trends in Entrepreneurship, vol 9, issue 2, pages 143-248.

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[1] Thomas Schøtt is Professor of Entrepreneurship at the University of Southern Denmark. He has worked with GEM since its infancy, as team leader in Denmark, and as member of teams around the world. He is currently working with the GEM team in Turkey. He runs GEM workshops around the world; authors GEM special reports; edits collections of GEM- based research in special issues of journals, notably *International Journal of Business and Globalization*, and *International Journal of Entrepreneurship and Small Business;* and publishes in various journals, e.g. *Small Business Economics*, *International Journal of Gender and Entrepreneurship*, and *Research Policy*.

Schøtt, T. (ed.) 2013. Edited special issue on entrepreneurs' networks in <u>International Journal of Business and Globalisation</u>, vol 11, no 4.

Schøtt, T. (ed.). 2017. Edited special issue on youth inclusion in entrepreneurship in the developing world, <u>International Journal of Entrepreneurship and Small Business</u>, 30 (3).

Schøtt et al. 2014. 'Entrepreneurs' innovation embedded in networks and national education'. <u>Small Business Economics</u>. 43, 2: 463-476. DOI: 10.1007/s11187-014-9546-8

Schøtt et al. 2016. 'Firms' innovation benefiting from networking and institutional support: A global analysis of national and firm effects'. <u>Research Policy</u>, 45, 1233-1246. DOI 10.1016/j.respol.2016.03.006

GEM Manual: Design, Data and Quality Control, www.gemconsortium.org

GEM APS Questionnaire and NES Questionnaire, www.gemconsortium.org

Recommended for browsing and selective reading:

GEM Special Reports on Women, Education & training, High-Growth, Entrepreneurial Employee Activity, Social Entrepreneurship, Youth, Innovation,www.gemconsortium.org

Registration
GEM-members and other GEM-researchers and Ph.D. students can participate. To participate, please email, before December 20, 2018, Thomas Schøtt, tsc@sam.sdu.dk. Certificates of participation will be issued, so Ph.D.students may get credit at their universities.

No fee for instruction
The instruction and instructional facilities are all free, sponsored by University of Southern Denmark, University Hassan II of Casablanca, and GERA.

Costs
You arrange own travel and pay for own meals and accommodation. Accommodation is available at 350 Dhs (35 euros) per night (workshop-discounted price for six nights at the 3-star Rania Belmadina Hotel). Make reservations through Thomas before end of December.

Schedule (tentative) **Entrepreneurship Research Utilizing GEM Data: GEM Workshop**

Preparation from home
You must have SPSS installed on your laptop computer.
You must prepare for the workshop by reading some distributed literature and GEM questionnaires.
You must also prepare for the workshop by getting the data files (that Thomas will email you) into SPSS.

Coming to the accommodation in Casablanca
Transportation information will be sent to participants.

Sunday 6 January 2019.
Participants should arrive by evening (but may arrive any day earlier, as a tourist).
Ice cream at 9 pm, at or near the accommodation.

Monday, 7 January. We start at 9 am, break for lunch, and end the day at 6 pm.

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GEM Global Entrepreneurship Monitor

Thomas gives introductory lecture about researching adults' involvement in entrepreneurship.
Thomas gives introductory lecture about researching entrepreneurs' organization of their work.

We train handling of data and simple analysis, using cross-tabulation in SPSS.
You select a research question to work on during the workshop, alone or with another in the workshop.

We train such analyses by using cross-tabulation, comparison of averages, and correlation.
You start doing analyses addressing your research question. Ye serves as your consultant on your analyses.
You present your research question for discussion.

Tuesday, 8 January. We start at 9 am, break for lunch, and end the day at 6 pm.
Thomas gives lecture on analyzing how one outcome is caused by several conditions.
We train such analyses by using multiple regression (linear and logistic, with interaction).
You do your own analyses using these techniques. Ye serves as your consultant on your analyses.
Your present your own first analyses for discussion.

Wednesday, 9 January. Excursion organized by the local GEM team, to places of entrepreneurship and to more touristic places (bus is provided by the university).

Thursday, 10 January. We start at 9 am, break for lunch, and end the day at 6 pm.
Thomas gives lecture on analyzing how national conditions influence individual behavior.
We train such analyses by using hierarchical linear modeling.
You do your own analyses using these techniques. Ye serves as your consultant on your analyses.
Your present your own analyses for discussion.

Friday, 11 January. We start at 9 am, break for lunch, and end the day at 6 pm.
You present your results, and get feedback from all.
We discuss publication of results.

Saturday, 12 January.
Participants should depart (or may stay longer, as you wish, as a tourist).