Daniel Adam Siwecki

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Qualifications

2019-2024:   Postgraduate Research at University of Glasgow, ***PhD in Economics, with the CoSS Academic Scholarship***

2018-2019:   Postgraduate at University of Glasgow, ***MSc in Economics, Banking & Finance, with Distinction***

2015-2018:   Undergraduate at Kingston University London, ***BA (Hons) in Applied Economics and Politics, First with Honours***

Research Experience

- **Paper One**: Collaborated closely with experts to mathematically model the financing sustainability and long-term impact upon income growth and investment incentives of a development fund that provided reliable liquidity injections to hedge SMEs against risk such as commodity market price fluctuations, deriving unique financial economic theory.

- **Paper Two:** Employed innovative thematic analysis on 1,100 text datasets, enhancing existing techniques. Managed extensive volumes and classifications of qualitative data effectively, showcasing organizational proficiency. Cleaned and transformed data into coherent narrative analyses, quantitatively modelled and visualised thematic changes, contributing to the understanding the wider discourse and deriving deep insights from otherwise opaque corpora of information.

- **Paper Three:** Conducted an extensive survey, applying advanced quantitative methods to assess the external validity of Papers 1&2's findings in a replicable context. Curating a large time series dataset for econometric difference-in-differences analysis, covering four treatments, twenty-one measured outcomes, and eight covariates.
  Managed diverse responsibilities—survey design, ethics approvals, funding acquisition, and partner/participant collaboration—to secure 957 respondents, representative of the UK population. Spanning pre-treatment, post-treatment, and 15-21 days post-treatment periods, the study gathered 79,800 unique responses.
  Employed Python-coded models for rigorous econometric analysis and data visualization of statistically significant effects.
- Presented findings internally (200+ people), addressing questions from an international group of experts and non-experts.

Work Experience

2016 July-August: **Dentons Solicitors,** *Work Placement within the Europe, Competition and Regulatory Group*

- Extensive use of legal databases to research, aggregate and then present regulatory law updates to the team.
- Participation during tasks, meetings, and cross-branch events, providing input of knowledge regarding competition theory, market operations, industrial economics, company fundamental analysis and portfolio theory.

2017- 2022:   **A&S Agriculture,** *Operations Manager*

- Product acquisition cost-benefit analysis, bookkeeping, accounting, futures/contract negotiation, contact management.
- Lead re-wilding initiative of 8 acres of unused land, planting indigenous trees and adding new waterways.
- Creating and maintaining working financial and management reports (balance sheets, profit/loss, cash flow, debt), capital expansion and cost cutting measures, assisted reversing marginal annual loss (2017-2019) to profitability (2020-2022).

Awards and Achievements

- ***University of Glasgow College of Social Sciences (CoSS) PhD Academic Scholarship*** *- 36 months, full fee waiver and £15,000/annum stipend, uniquely awarded to one candidate per year on a competitive basis.*
- ***Adam Smith Business School Research Support Grant (RTG)*** *- £2,750 research funding, awarded based on research merit.*
- ***Adam Smith Business School Graduate Award (2019***) *- Awarded selectively based on academics and extra curriculars.*

Skills

- **Python Programming:** Advanced coding skills in completion of research (4+ years), integrating API data, automating quantitative analysis, creating intuitive and informative visualisations to incorporate into research reports.
  Utilising NumPy, Statsmodels, Pandas, Seaborn, SciPy packages among others.
- **Microsoft Word, Excel, and PowerPoint:** (8+ years) of experience and use to complete a range of research and professional tasks to produce an efficient, accurate and aesthetically appealing end result.
- **Quantitative Skills:** Graded A+ (83%) in Quantitative Econometrics (Statistics) module, achieving 100% at in class exam.
- **Additional Training:** Bloomberg Terminal Market Concepts, Equality and Diversity, Information Security, General Data Protection and Research Ethics Training, SQL, Nvivo, GPower, LexisNexis, MATLAB and WordPress.

Interests

- Lifelong enthusiasm for learning with and intrinsic interest in markets and their influence on the world, acting as the VP of the Rethinking Economics society at Kingston University for 2017-18 as well as completing both undergraduate and master's theses on topics of monetary policy, international markets and domestic currencies, receiving A grades for both.
- Resistance weight training, collecting desert plants and cacti, non-fiction reading and Muay Thai boxing.