

Slootmaekers Bram

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EDUCATION

KU Leuven (Katholieke Universiteit Leuven)	Leuven, Belgium
• Master of Business Engineering Major: Quantitative Methods for Decision Making — Minor: Economics	Sept 2024 – Present
<i>Current weighted grade average: 90.56% — expected Summa cum laude with the congratulations of the examination committee</i>	
Waseda University Graduate School of Commerce	Tokyo, Japan
• Exchange Semester	Oct 2025- Feb 2026
Xi'an Jiaotong–Liverpool University	Suzhou, China
• Immersive Technopreneurship Summer School	July 2025
KU Leuven (Katholieke Universiteit Leuven)	Leuven, Belgium
• Bachelor of Business Engineering Major 1: Production and Logistics — Major 2: Economics <i>Summa Cum Laude</i>	Sept 2021 – July 2024

SKILLS

- **Software Skills:** Python, R, Excel, LINGO, EXCEL, CPLEX, SQL, BPMN
- **Core Competencies:** Operations Research & Optimization, Data Analysis & Statistical Modeling, Economic Modeling, Applied Economics, Process Mining and Improvement, Cross-Cultural Collaboration

LANGUAGES

- **Proficient:** English, Dutch
- **Comfortable:** French
- **Learning:** Japanese

PROJECTS

- **Heuristic Algorithms for the Heterogeneous Fleet Vehicle Routing Problem with Time-dependent Travel Times (Oct 2025 - Present):** (Master Thesis) The thesis explores new heuristic algorithms for specific cases of the vehicle routing problem.
- **Has the relationship between the oil market and the US economy changed? A local projection approach (January 2026):** This paper investigates the relationship between the global oil market and US Economy using Structural Vector Autoregressive Models (SVARs) and Local Projections.
- **Using Regression Discontinuity to investigate the Incumbency Advantage in US House of Representatives elections (January 2026):** This paper investigates the persistent high re-election rates in the US House of representatives elections using Regression Discontinuity to make causal inference