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Practice-inspired contributions to inventory theory

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Curriculum Vitæ

Derk Rutger Jordi (Dennis) Prak was born on February 4, 1992 in Groningen, The Netherlands. He graduated from Dollard College, Winschoten in 2009, and received a Bachelor's degree (cum laude) in Econometrics and Operations Research from the University of Groningen in 2012. At that same university, he graduated from the Research Master in Economics and Business with a specialization in Economics, Econometrics and Finance, and from the Master in Econometrics, Operations Research and Actuarial Studies with a specialization in Operations Research (summa cum laude), both in 2014. He was honoured by the graduate school SOM as best Research Master graduate of the faculty and published research projects from his BSc and MSc studies in *Econometric Reviews*, *European Journal of Operational Research*, and *Preventive Medicine Reports*.

After having worked for a year as an academic researcher at the Department of Operations of the University of Groningen, Dennis started a PhD trajectory there in 2015, funded by the Research Talent grant program of the Netherlands Organisation for Scientific Research (NWO). Part of that trajectory was a half-year research stay at TU Munich, Germany. The research outcomes have been presented at various conferences and summer schools, such as EURO, INFORMS and ISIR. Parts of the resulting thesis have been published in *European Journal of Operational Research* and *International Journal of Forecasting*, whereas other parts are currently under review. In his current research, he combines inventory theory with data-driven optimization to improve decision-making in modern, dynamic supply chains.