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# Curriculum Vitae

## Personal details

**Prof.dr. Ronald J.M.M. Does**

Nationality: Dutch

## Job experience

1991– present      University of Amsterdam      Amsterdam

### Professor of Industrial Statistics

Position as full professor of Industrial Statistics at the Department of Operations Management of the University of Amsterdam since April 2009. Position as full professor of Industrial Statistics at the Korteweg-de Vries Institute for Mathematics of the University of Amsterdam from 1991 through 2009.

**Scientific research:** research in the field of industrial statistics, resulting in publications in the scientific and general literature. Supervision of 24 PhD research projects. Research focuses on four topics in particular:

- Control charts;
- Lean Six Sigma and operational excellence;
- Healthcare engineering;
- Statistical engineering;
- Integration of industrial statistics in healthcare and finance.

1994– present      IBIS UvA      Amsterdam

### Director

Position as director at the Institute for Business and Industrial Statistics (IBIS UvA), which is a consultancy firm owned by the University of Amsterdam. IBIS UvA specialises in strategies for operational excellence based on empirical research, such as Lean Six Sigma and Statistical Process Control (SPC).

**Consultancy:** implementation of improvement programs. This includes:

- Delivery of training (Lean Six Sigma Green Belt, Black Belt, Master Black Belt)
- Supervision and evaluation of projects (acting as Master Black Belt)
- Responsible for the development of the Lean Six Sigma training curriculum
- Acquisition of projects

Responsible for the implementation of Lean Six Sigma and SPC at many Dutch and international companies, such as Academic Medical Centre, ASM Lithography, Canisius Wilhelmina Hospital, DAF Trucks, Deventer Hospital, Fokker Aerostructures, GE Plastics, ING bank, Philips Components and Semiconductors, Red Cross Hospital, Reinier de Graaf Healthcare Group, Sara Lee - Douwe Egberts, Thales, University Medical Centre Groningen, Westfries Hospital and Swiss Life.

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2014–present                      University of Amsterdam                      Amsterdam

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**Head of the Department of Operations Management**

Position as head of a department at the University of Amsterdam Business School starting per 1 January 2014. The department will focus on education and research in operations management, business analytics, and data science.

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2011– 2018                      University of Amsterdam                      Amsterdam

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**Director of the Institute of Executive Programmes**

Position as director at the Amsterdam Business School (ABS) Executive Programmes, from 1 September 2011 through 1 October 2018. These programmes form an important part of the courses offered by the University of Amsterdam Business School and by extension, the Faculty of Economics and Business.

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1989–1994                      Philips Electronics NV                      Eindhoven

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**Senior statistical consultant and researcher**

Position as senior consultant Industrial Statistics at the Centre for Quantitative Methods, which was an independent consultancy firm owned by Philips Electronics.

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1981–1989                      University of Maastricht                      Maastricht

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**Associate professor of Medical Statistics and Psychometrics**

Founding member of the Department of Medical Statistics and Informatics. Head of the Department during the periods 1981-1984 and 1988-1989. Teaching statistics classes to students in health sciences. Research in the fields of medical statistics and psychometrics, resulting in publications in the scientific and general literature. Supervision of three PhD research projects.

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1976–1981                      Centre for Mathematics and Computer Science Amsterdam

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**Researcher**

Working on a PhD thesis. Two days a week working as a statistical consultant.

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1975–1976                      University of Leiden                      Leiden

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**Teaching assistant**

Teaching mathematics classes to first and second grade students.

**Education**

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1976–1982                      University of Leiden                      Leiden

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**PhD thesis** in Mathematical Statistics. Title: Higher Order Asymptotics for Simple Linear Rank Statistics. The research results in Berry Esseen theorems and Edgeworth expansions for simple linear rank statistics which includes unbounded score generating functions.

Promotor: prof.dr. W.R. van Zwet.

Date of promotion: 16 June, 1982.

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1972–1976                      University of Leiden                      Leiden

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**MSc in mathematics (cum laude)**, with a specialisation in mathematical statistics.

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1967–1972                      Grammar school “Mendel College”                      Haarlem

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## Honors and recognitions

2019: Box Medal of the European Network for Business and Industrial Statistics

2019: Shewhart Medal of the American Society of Quality

2014: Fellow of the American Statistical Association.

2008: William G. Hunter Award Winner of the Statistics Division of the ASQ.

2007: Academician of the International Academy for Quality.

2007: Fellow of the American Society of Quality.

2006: Founding Director of the European Network for Business and Industrial Statistics.

1994: Elected member of the International Statistical Institute (ISI).

## Extra curricular

2018: Member of the board of the International Statistical Engineering Association (ISEA)

2017: Chairman of the Editor search committee of the ASQ's *Journal of Quality Technology*

2017: Chairman of the ASQ Statistics Division *Søren Bisgaard's Award Committee*

2016-present: Co-chair Think Tank Quality in Applied Statistics of the International Academy of Quality

2015: Guest editor of the *Quality Engineering's* special issue of the Third Stu Hunter Research Conference

2015-present: Member of the editorial board of the *Journal of Quality Technology*

2014-present: Member of the *Technometrics* Management Committee

2014-present: Fellow of the American Statistical Association

2014: Chairman of the Editor search committee of the ASQ's journal *Quality Engineering*

2013-2017: Member of the Management Committee of the Stu Hunter Research Conference on Industrial Statistics

2012-2013: Local organizer of the First Stu Hunter Research Conference on Industrial Statistics, Château Marquette, Heemskerk, the Netherlands

2012-present: Vice-chairman of the Publication Management Board of the American Society for Quality

2011-2013: Vice-President Projects of the International Academy for Quality

2010-2016: Column Editor of *Quality Engineering*

2010-2017: Member of the ASQ Statistics Division Hunter Award Committee

2009-2017: Member of the Editorial Advisory Board of the *International Journal of Lean Six Sigma*

2008-2013: Member of the ASQ Shewhart Medal Nomination Committee

2007-present: Member of the Board of the Dutch Academy for Quality

2007-present: Academician of the International Academy for Quality

2007-present: Fellow of the American Society of Quality

2007-present: Member of the Council of the European Network for Business and Industrial Statistics (ENBIS)

2006-present: Member of the Advisory Board of *Quality Engineering*

2006-2010: Chairman of the Dutch Society for Business Statistics and the Dutch Network of ENBIS

2005- 2007: Vice President Publications of the International Society for Business and Industrial Statistics (ISBIS)

2003-present: Member of the editorial board of *Quality Technology and Quantitative Management*

2001-present: Member of the editorial board of *Quality Engineering*

2001–2003: Co-organizer of the First, Second and Third Annual Conference on Business and Industrial Statistics in Oslo, Rimini and Barcelona

2000: Organizer of the Founding Conference of ENBIS, Amsterdam, The Netherlands

1999- 2007: Director, treasurer and secretary of the European Network for Business and Industrial Statistics (ENBIS)

1998-2007: Senior member of the American Society of Quality

1998-2001: Member of the editorial board of the *International Journal of Quality Science*


1994-2004: Member of the ISI Committee on Statistics in Business and Industry

1994-2000: Editor of *Quantitative Methods*

1994-present: Elected member of the International Statistical Institute (ISI)

1993-2004: Member of the ISI Committee for Business and Industrial Statistics

1992-1994: Secretary of the Dutch Society of Statistics and Operations Research



1991-1995: Member of the editorial board of *Sigma*

1989: Local organizer of the Tenth International Meeting of Clinical Biostatistics in Maastricht

1985: Local organizer of the ISI Satellite Meeting on Mathematical Statistics in Maastricht

### **Competences**

Foreign languages: native speaker of Dutch; fluent in English; passive knowledge of German and French

Sports: hockey and fitness