

Willem M. van der Wal, PhD - *résumé* – November 2019 – The Netherlands

Contact	willem@vanderwalresearch.com	The Netherlands
Experience	<u>Senior Advisor, Human Environment and Transport Inspectorate (ILT), The Netherlands</u>	2018 – present
	<ul style="list-style-type: none">Analyst/data scientist, focus on aviation occurrences	
	<u>Owner, Vanderwalresearch.com</u>	2016 – present
	<ul style="list-style-type: none">Statistical research and consultation	
	<u>Researcher, Ministry of Education, Culture and Science, The Netherlands</u>	2015 – 2018
	<ul style="list-style-type: none">Coordinator for Team Higer Education.Policy analysis on education in The Netherlands.	
	<u>Quantitative policy advisor, Ministry of Social Affairs and Employment, The Netherlands</u>	2013 – 2015
	<ul style="list-style-type: none">Estimate policy effects on budget, purchasing power and participation using microsimulation.Investigate the cumulation of policy effects within households.	
	<u>Assistant professor of biostatistics, University Medical Center, Utrecht</u>	2009 – 2012
	<ul style="list-style-type: none">Develop statistical methodology and software, statistical consultation and teaching, co-author of epidemiological studies.	
<u>PhD student in biostatistics, University of Amsterdam</u>	2006 – 2010	
<ul style="list-style-type: none">Develop causal modeling methodology and software, statistical consulting and teaching, perform epidemiological research.		
<u>Researcher, Gino BV, Groningen</u>	2004 – 2006	
<ul style="list-style-type: none">Analyze healthcare use in The Netherlands, estimate policy effects.Build geographic information system for Ministry of Health, Welfare and Sport.		
<u>Statistical consultant, University of Groningen</u>	2003 – 2004	
<ul style="list-style-type: none">Consultant for students and staff of the faculty of Social Sciences.		
Education	<u>PhD in Biostatistics, University of Amsterdam</u>	2006 – 2011
	<u>MSc in Psychology, University of Groningen</u>	1999 – 2004
	<u>Courses:</u>	
	<ul style="list-style-type: none">ICAO and EASA Safety Management System Requirements (JAA Training Organisation)e-Learning course SAS Programming 1: EssentialsR – Netherlands National Institute for Public Health and the Environment (RIVM)Apache Spark – SURFsaraWebFOCUS – Information BuildersMicrosoft SQL Training – VISIONWORKSWriting course – ICMPresenting, voice and speechcoaching – RFCONSULTConsulting – Ministry of Social Affairs and EmploymentSAS Fundamentals – PW ConsultingStrategic Writing – Ministry of Social Affairs and EmploymentDynamic Treatment Regimes and Multistage Decision-Making – SAMSIBayesian Statistics – NIHESPresentation training - Roeland Schweitzer, SchworksAdvanced Course on the S Language - CANdienstenClinical Epidemiology - Academic Medical CenterCausal Inference - Prof. dr. Mark van der Laan (UC Berkeley)Geographical information system SWING - ABF researchSymposium “Large Data Sets” (VVS-OR)	
PC skills	R, SAS, SPSS, WebFOCUS, C++, SQL, LaTeX, Word, Excel. Touch typing.	
Languages	Dutch: native speaker, English: highly proficient.	