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Clinical, economic and methodological studies in elderly patients with dementia and their informal caregivers

MacNeil Vroomen, J.L.

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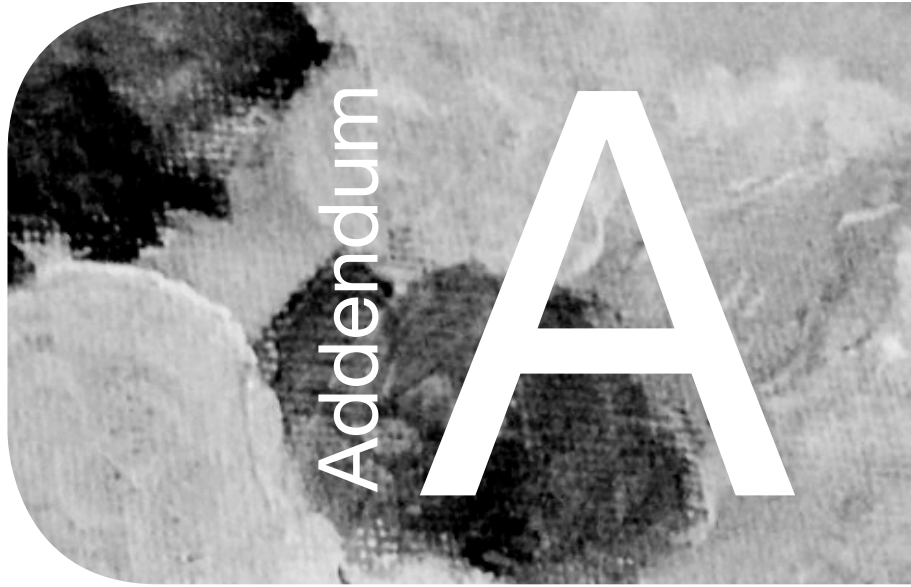
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List of Co-Authors

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Addendum

A

PhD Portfolio/
List of Publications

PHD PORTFOLIO/ LIST OF PUBLICATIONS

AMC Graduate School for Medical Sciences

PhD Portfolio

Summary of PhD training, teaching and parameters of esteem

Name PhD student: Janet MacNeil Vroomen

PhD period: August 2010 – Mar 2015

Supervisor: Prof. dr. S.E.J.A de Rooij

PhD Project: ZONMw-subsidized project “COMPAS”

PhD Portfolio: Training

Courses	Year	Workload (Hours/ECTS)
Practical Biostatistics <i>AMC Graduate School</i>	2013	1.14
Advanced Statistical Methods for Clinical Trials <i>The University of Toronto</i> <i>(audited), Canada</i>	2012	1.4
Practical Use of Multiple Imputation to Handle Missing Data <i>MRC Biostatistics Unit,</i> <i>Cambridge, United Kingdom</i>	2012	0.6
Systematic reviews <i>AMC Graduate School</i>	2011	0.71
Advanced statistics <i>Vu University</i>	2011	1.8
Advanced biostatistics <i>AMC Graduate School</i>	2011	0.82
Statistical computing in R <i>AMC Graduate School</i>	2011	0.42
Advanced topics in clinical epidemiology <i>AMC Graduate School</i>	2011	0.7
Regression methods for health economic evaluation course	2011	1.14

*The University of York, Centre
for Health Economics, United
Kingdom*

Winbugs in health economic evaluations <i>MRC Biostatistics Unit, Cambridge, United Kingdom</i>	2011	0.86
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Seminars, workshops and master classes

Weekly Geriatric meetings <i>AMC, Amsterdam</i>	2010-2015	4
Monthly Geriatric research meetings <i>AMC, Amsterdam</i>	2010-2015	4

International conferences

Symposium presented: Dementia care: from diagnosis to institutionalized care at International Association of Gerontology and Geriatrics, Seoul, South Korea,	2014	1
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Oral Presentations

Oral presentation: Comparing Dutch Case management care models for people with dementia and their caregivers: The design of the COMPAS study. Alzheimer Disease International. London, United Kingdom		1
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Other presentations

Staff presentations at different at the EMGO and AMC, Amsterdam	2010-2015	1
Regional presentations on the COMPAS baseline results	2010-2015	1

PhD Portfolio: Teaching

	Year	Workload (Hours/ECTS)
Tutoring, Mentoring master's students		
Guido Verasdonck, cost-effectiveness of a nurse-led transitional care program after hospital discharge, Department of Internal Medicine, AMC	2013	1
Jessica van der Laan, Societal costs of dementia: a comparison of three dementia care models <i>Department of Internal Medicine, AMC</i>	2014	1
Other		
Guest lecture at vu on missing data in economic evaluations.	2013	0.01

Publication in refereed journals

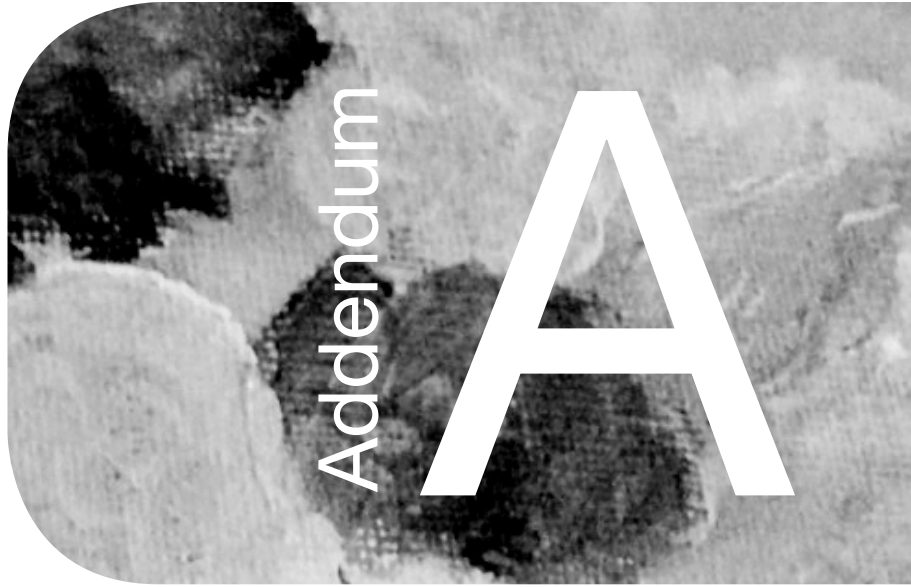
1. **MacNeil Vroomen J**, Bosmans JE, Holman R, van Rijn M, Buurman BM ,van Hout, HPJ, de Rooij, SE. Dutch patients with dementia don't die in hospitals. JAGS (accepted)
2. Parlevliet JL, **MacNeil Vroomen J**, Bosmans JE, de Rooij SE, Buurman BM. Determinants of health related quality of life after acute hospitalisation in elderly patients. *Netherlands Journal of Medicine*
3. Verhaegh KJ, **MacNeil Vroomen JL**, Eslami S, Geerlings SE, de Rooij SE, Buurman BM. Transitional Care Interventions to Prevent Hospital: Readmissions for Adults with Chronic Illnesses. *Health Affairs*, 2014. 33(9): p.
4. van Dalen, MT, Suijker JJ, **MacNeil Vroomen J**, van Rijn M, Moll van Charante E P, de Rooij SE. Self-Report of Healthcare Utilization among Community-Dwelling Older Persons: A Prospective Cohort Study. *PLoS One*, 2014. 9(4): p. e93372.
5. van Hout HP, **MacNeil Vroomen J**, Van Mierlo LD, Meiland FJ, Moll van Charante EP, Joling KJ, van den Dungen P, Droses RM, van der Horst HE, de Rooij SE. [Comparing case management care models for people with dementia and their caregivers: the design of the COMPAS study]. *Tijdschr Gerontol Geriatr*, 2014. 45(2): p. 105-16.
6. **MacNeil Vroomen J**, Bosmans JE, van Hout HP, de Rooij SE: Reviewing the definition of crisis in dementia care. *BMC Geriatrics* 2013 13(10): p.1471-2318
7. Joling KJ, Bosmans JE, van Marwijk HW, van der Horst HE, Scheltens P, **MacNeil Vroomen JL**, van Hout HP, The cost-effectiveness of a family meetings intervention

to prevent depression and anxiety in family caregivers of patients with dementia: a randomized trial. *Trials*. 2013 Sep 22;14:305. doi: 10.1186/1745-6215-14-305.

8. **MacNeil Vroomen J**, Van Mierlo LD, van de Ven PM, Bosmans JE, van den Dungen P, Meiland FJ, Droes RM, van Charante EP, van der Horst HE, de Rooij SE, van Hout HP: Comparing Dutch Case management care models for people with dementia and their caregivers: The design of the COMPAS study. *BMC Health Serv Res* 2012, 12:132.
9. **MacNeil Vroomen J**, Boorsma M, Bosmans JE, Frijters DH, Nijpels G, van Hout HP: Is it time for a change? A cost-effectiveness analysis comparing a multidisciplinary integrated care model for residential homes to usual care. *PLoS One* 2012, 7(5):e37444.
10. van den Dungen P, van Marwijk HW, van der Horst HE, Moll van Charante EP, **MacNeil Vroomen J**, van de Ven P M, van Hout HP. The accuracy of family physicians' dementia diagnoses at different stages of dementia: a systematic review. *Int J Geriatr Psychiatry*, 2012. 27(4): p. 342-54.
11. **MacNeil Vroomen J**. and Zweifel P. Preferences for health insurance and health status: does it matter whether you are Dutch or German? *Eur J Health Econ*, 2011. 12(1): p. 87-95.

Under Review

1. **MacNeil Vroomen J**, Eekhout I, Dijksgraaf M, van Hout HP, Heymans M, de Rooij SE, Bosmans JE. Comparing Multiple Imputation strategies for zero-inflated cost data: which method works best? (submitted).
2. **MacNeil Vroomen J**, Van Mierlo LD, Bosmans JE, van de Ven PM, Joling K, Meiland FJ, van Charante EP, van Hout HPJ , de Rooij SE. Two Dutch case-management models for dementia versus no access to case management: baseline results (submitted).
3. **MacNeil Vroomen J**, Bosmans JE, van de Ven PM, Van Mierlo LD, Joling K, Meiland FJ, Moll van Charante EP, van Hout HPJ , de Rooij SE. Community dwelling patients with dementia receiving case management or no access to case management. Two year results of the COMPAS study (submitted).
4. **MacNeil Vroomen J**, Bosmans JE, van de Ven PM, Eekhout I, Joling KJ, Van Mierlo LD, , Meiland FJM, van Hout HPJ , de Rooij SE. The cost-effectiveness of two forms of case management compared to a control group for persons with dementia and their informal caregivers from a societal perspective (submitted).
5. Parlevliet JL, **MacNeil Vroomen J**, Bosmans JE, de Rooi SE, Buurman BM. Health Related Quality of Life at admission is associated with post discharge mortality, functional decline and institutionalization in acutely hospitalized older medical patients (submitted).

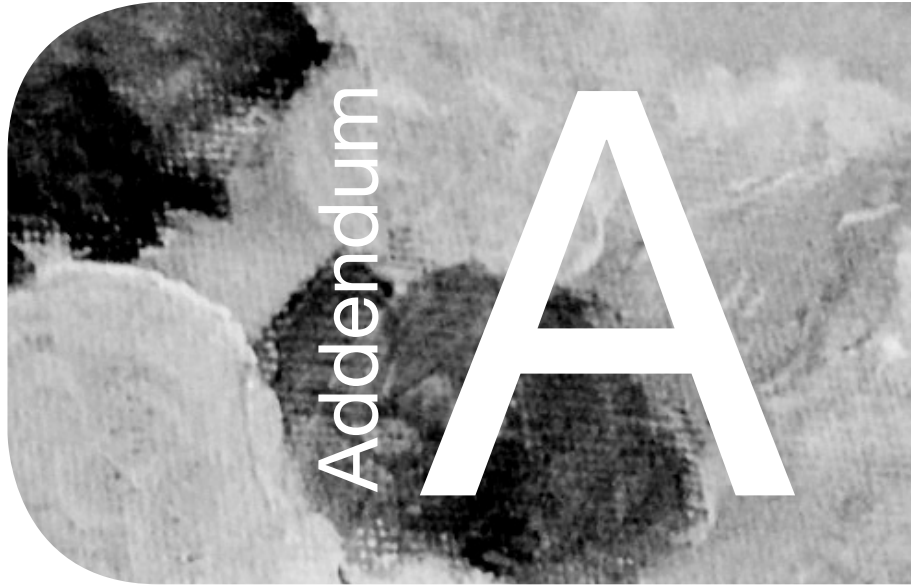


Curriculum Vitae

ABOUT THE AUTHOR

Janet MacNeil Vroomen was born March 20, 1979 in North York, Canada. She started studying at the University of Toronto in 1999 after completing her secondary school at Dunbarton High School in Pickering, Canada. She graduated in 2003 with a Bachelor's of Science (Honours) with majors in Life Sciences and Psychology as well as a minor in Social Cultural Anthropology. After graduating, she worked for nearly two years as a research assistant in neuropsychopharmacology at Sunnybrook Hospital in Toronto. She moved to Switzerland and worked briefly as a researcher at the Sozialökonomischen Instituts, University of Zurich where she wrote her first article in health economics. In 2010, she obtained a Master's in Management, Policy Analysis and Entrepreneurship in Health and Life Sciences (cum laude) at the VU University in Amsterdam. The same year she started working towards her PhD in a collaboration between the AMC and the EMGO+ Institute.

She is married to Gérard Vroomen and has a daughter, Amelia who was born in January 2014.



Acknowledgements

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The last five years working at the AMC and collaborating with the people at the EMGO institute at the VUmc, has been a life-changing experience. There are many people that I have to thank and I want to apologize in advance if I have missed someone.

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Doctoral Committee

I would like to extend my thanks to the members of the reading committee: **Prof. dr. A.H. Zwinderman, Prof. dr. J. Gussekloo, Prof. dr. I. van Shaick, Prof. dr. P. Eikelenboom, Prof. dr. R. Huisman, and Prof. dr. M.J.F.J. Vernooij-Dassen**. Prof. dr. Zwinderman thank you for the crash course in propensity scores and your time extracting the propensity weights out of R.

The COMPAS group

Thank you **Franka** and **Eric** for your support, time and hiring me. It has been quite the ride. It was a privilege to work with you both.

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Co-authors

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Dear **Rebecca Holman** I learned a heck of a lot in the CBS paper and it was a total pleasure working with you. Thank you for your experience, time, kindness, eye for detail and patience.

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Colleagues and friends

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To the geriatrics team at the AMC: thank you all for including me in events and always making me feel welcome. I will always look fondly at my time at the AMC. Dear **Marlien**, thank you so much for all of your help and kindness. It was fun doing the dementia cookbook. Being a secretary is such a tough job and you do it with a lot of grace! Thanks for the coaching! Dear **Nathalie** thank you for making me always feel welcome. I wish you all the best in leading the geriatrics group. To past member of geriatrics, thank you for the nice memories.

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To **Trynke Hoekstra, Karen van Leeuwen and Babette**, thank you for your support along the way.

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Family

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To the Vroomen family: **Josephine**, the late **Jan Vroomen, Hubert, Helga, Charlotte, Max and Sofie** thank you for your support and making me feel like part of the gang.

Dear **Amelia**, you are my greatest challenge and delight. Dear **Gerard**, you have been amazingly supportive of me and I am lucky I met you in French class all those years ago. We are on quite the adventure and I appreciate your free spirit. You are brilliant and funny even when you are sleep-deprived which came in handy this year! I am profoundly grateful for everything.