

Michael Væth Curriculum Vitae

Personal data:

Name: Michael Væth
Year and place of birth: 1949 Copenhagen, Denmark

Education and degrees

University of Copenhagen 1967-74: mathematics and statistics, MSc 1974.
Aarhus University, 1975-78: statistics, PhD 1979
Visiting scholar, Stanford University, California, USA, 1976-77

Employment:

Professor, Dep. of Biostatistics (from 2006, Dep. of Public Health) Aarhus University, 1994 - 2019
Research Scientist, Radiation Effects Research Foundation, Hiroshima, Japan, 1987-89, 1992-93
Associate professor, Dep. of Experimental Clinical Research, Aarhus University 1984-94
Medical Research Council Fellow, Dep. of Theoretical Statistics, Aarhus University 1979-83
Assistant professor and Research scholar, Dep. of Theoretical Statistics, Aarhus University 1974-1979

Memberships and appointments with scientific societies:

Elected member of International Statistical Institute 1991.
Member of American Statistical Association 1988-
Member of the Danish Society of Epidemiology 1985-
Member of the International Biometric Society 1983-, elected Council member 1994-97
Member of Bernoulli Society 1980-
Member of Danish Society of Theoretical Statistics 1972-.

Editorial work

Consultant statistical advisor, International Endodontic Journal, 2016-2021
Statistical expert consultant for the editorial board of Acta Obst Gynecol Scandinavica, 1994-1999
Associate Editor, Journal of the American Statistical Association, 1988-1990.

Other professional activities

Member of evaluation panel in health care science (H2) Swedish Research Council, 2015-2019
Member of the Program committee for Clinical research, Research Council of Norway 2011-15
Member of Panel 5 to evaluate Norwegian public health research, Research Council of Norway, 2010-11.
Statistician, Danish Testicular Carcinoma Study, 1981-84
Statistical consultant to the Medical Research Council 1978-94

Supervision of students

Thesis advisor for 25 MSc students in Public Health and 8 PhD students in medicine and dentistry.

Management experience

Head of Department of Biostatistics, University of Aarhus, 1994-2000.
President of the Nordic Region of the International Biometrics Society, 2001-04

Scientific focus areas

Medical statistics. In particular, analysis of survival time data and statistical methodology for epidemiological studies. Extensive experience as statistical consultant in medical research.

International relations

Consultant to Department of Statistics, Radiation Effects Research Foundation, Hiroshima, Japan 1994-2015.

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Publication statistics (Web of Science)

Total number of publications	187
H-index	43
Total number of citations	7213

ORCID number

<https://orcid.org/0000-0002-0134-5006>

10 selected publications from 2016-19

1. Pedersen LB, Vaeth M & Wenzel A. Neurosensoric disturbances after surgical removal of the third molar based on either panoramic imaging or cone beam CT scanning A randomized controlled trial (RCT). *Dentomaxillofac Radiol* 2016; **45** 20150224. doi: 10.1259/dmfr.20150224 (2016)
2. Kirkevang L-L, Ørstavik D, Bahrami G, Wenzel A & Væth M. Prediction of periapical status and tooth extraction. *International Endodontic Journal* **50**, 5-14. doi: 10.1111/iej.12581 (2017)
3. Bahrami G, Vaeth M, Kirkevang L-L, Wenzel A & Isidor F. The impact of smoking on marginal bone loss. A 10-year prospective longitudinal study. *Community Dentistry and Oral Epidemiology* 2017; **45**: 59-65 (2017)
4. Vaeth S, Vaeth M, Andersen H, Christensen R & Jensen UB. Mortality, prevalence and incidence of Charcot Marie tooth disease in Denmark. *BMJ Open* 2017, 7(11). doi: 10.1136/bmjopen-2017-018048 (2017).
5. Jungnickel L, Kruse C, Vaeth M, Kirkevang L-L. Quality aspects of *ex vivo* root canal treatments done by undergraduate dental students using four different file systems. *Acta Odontologica Scandinavica* **76**, 169-174. <https://doi.org/10.1080/00016357.2017.1396494> (2018).
6. Skriver MV, Væth M & Støvring H. Loss of life expectancy based on a standardized mortality ratio (SMR) in Denmark, Finland, Norway and Sweden. *Scandinavian Journal of Public Health* **46**, 767-773. doi: 10.1177/1403494817749050 (2018)
7. Kruse C, Spin-Neto R, Væth M & Kirkevang L-L. Impact of cone beam computed tomography on periapical assessment and treatment plan five to eleven years after surgical endodontic retreatment. *International Endodontic Journal* **51**, 729-737. doi:10.1111/iej.12888. (2018).
8. Væth M, Skriver MV & Støvring H. The impact of changes in age-specific mortality on life expectancy when mortality is a log-linear function of age. *Demographic Research* **39**(23), 671-684 (2018).
9. Kruse C, Spin-Neto R, Kraft DCE Væth M & Kirkevang L-L. Diagnostic accuracy of cone beam computed tomography used for assessment of apical periodontitis: an ex-vivo histopathological study on human cadavers. *International Endodontic Journal* **52**, 439-450 doi:10.1111/iej.13020 (2019)
10. Baaij A, Özok AR, Væth M, Musaeus P & Kirkevang LL. Self-efficacy regarding endodontics of undergraduate dental students in Aarhus and Amsterdam. Epub ahead of print. *International Endodontic Journal*. doi:10.1111/iej. 13218