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Education

2001 Cand. Scient., Mathematics and Computer Science, University of Southern Denmark ("Analysis of quality of life data for older Danish twins using GEE models") Supervisor: Prof. Bent Jørgensen
2007 Ph.D., Statistics and Epidemiology, University of Southern Denmark ("Statistical analysis of incomplete longitudinal twin data, with an application to the study of the effect of stress on depression symptomatology") Supervisors: Prof. Kaare Christensen and Prof. Bent Jørgensen

Academic career

1997-1999 Sclolarstipendiat, Center for Health and Social Policy, Odense University, Denmark, Odense Universitet
2002-2003 Research fellow, Institute of Public Health, Faculty of Health Science, University of Southern Denmark
2003-2006 Ph.D - student, Institute of Public Health, University of Southern Denmark
2007-2008 Post Doc., Department of Statistics, University of Southern Denmark
2008-2014 Biostatistician, Center for Clinical Epidemiology, Odense University Hospital, Denmark
2014-Biostatistician, Center for Clinical Epidemiology, Odense University Hospital, Denmark;
Associate Professor, Forskningsenheden for Klinisk Epidemiologi, Klinisk Institut, Syddansk Universitet, Denmark

Publications

Nygaard, A., Møller Ljungdalh, P., Iachina, M., Nikolov, T. N., & Schiøttz-Christensen, B. (2019). Incidence of ankylosing spondylitis and spondyloarthritis in 2000–2013: a nationwide Danish cohort study. *Scandinavian Journal of Rheumatology*. <https://doi.org/10.1080/03009742.2019.1616324>

Iachina, M., Ljungdalh, P. M., Sørensen, R. G., Kaerlev, L., Blaakær, J., Trosko, O., Nørgård, B. M. (2019). Influence of Prior Psychiatric Disorders on the Treatment Course of Gynaecological Cancer – A Nationwide Cohort Study. *Clinical Oncology*, 31(2), 115-123. <https://doi.org/10.1016/j.clon.2018.11.006>

Jørgensen, S. L., Mogensen, O., Wu, C., Lund, K., Iachina, M., Korsholm, M., & Jensen, P. T. (2019). Nationwide Introduction of Minimally Invasive Robotic Surgery for Early-Stage Endometrial Cancer and Its Association With Severe Complications. *JAMA Surgery*, 154(6), 530-538. <https://doi.org/10.1001/jamasurg.2018.5840>

Brønserud, M. M., Iachina, M., Green, A., Groenvold, M., & Jakobsen, E. (2019). Patient reported outcome data as performance indicators in surgically treated lung cancer patients. *Lung Cancer*, 130, 143-148. <https://doi.org/10.1016/j.lungcan.2019.02.010>

Majken M. Brønserud, Maria Iachina, Anders Green, Mogens Groenvold, Liv Dørflinger, Erik Jakobsen (2019) Patient-reported outcomes (PROs) in lung cancer: experiences from a nationwide feasibility study, *Lung cancer* Vol.128:67-73

Jørgensen S.L., Mogensen O., Wu C.S., Lund K., Iachina M., Korsholm M., Jensen P.T. (2018) Nationwide 1 implementation of robotic minimally invasive surgery in early 2 stage endometrial cancer and its influence on severe complications. *JAMA Surgery* 154(6), 530-538

Linda Kaerlev, Maria Iachina, Oleg Trosko, Niels Qvist, Pernille Møller Ljungdalh, Bente Mertz Nørgård (2018) Colon cancer patients with a serious psychiatric disorder present with a more advanced cancer stage and receive less adjuvant chemotherapy- A Nationwide Danish Cohort Study. *BMC cancer* 18:1050

Maria Iachina, Pernille Møller Ljungdalh, Rikke Guldberg Sørensen, Linda Kaerlev, Jan Blaakær, Oleg Trosko, Niels Qvist, Bente Mertz Nørgård (2018) Influence of prior psychiatric disorders on gynecological cancer treatment – A nationwide cohort-study. *Clinical Oncology* <https://doi.org/10.1016/j.clon.2018.11.006>

Jeppesen, M. M., Mogensen, O., Hansen, D. G., Iachina, M., Korsholm, M. & Jensen, P. T. (2017) Detection of recurrence in early stage endometrial cancer: the role of symptoms and routine follow-up *Acta Oncologica*. 56, 2, s. 262-269

Iachina, M., Brønserud, M. M., Jakobsen, E., Trosko, O. & Green, A. (2017) History of Depression in Lung Cancer Patients: Impact of Delay Clinical oncology (Royal College of Radiologists (Great Britain)). 29, 9, s. 585-592

Iachina, M., Jakobsen, E., Fallesen, A. K. & Green, A. (2017) Transfer between hospitals as a predictor of delay in diagnosis and treatment of patients with Non-Small Cell Lung Cancer: a register based cohort-study *B M C Health Services Research*. 17, 8 s., 267

Jeppesen MM, Jensen PT, Gilså Hansen D, Iachina M, Mogensen O. (2016) The nature of early-stage endometrial cancer recurrence—A national cohort study *European journal of cancer* (Oxford, England: 1990) 69 (DOI: 10.1016/j.ejca.2016.09.033)

Ørskov M, Iachina M, Guldberg R, Mogensen O, Nørgård B (2016) Predictors of mortality within 1 year after primary ovarian cancer surgery: a nationwide cohort study *BMJ Open* 6(4): e010123 (DOI: 10.1136/bmjopen-2015-010123)

Green A, Hauge J, Iachina M, Jakobsen E (2015) The mortality after surgery in primary lung cancer: results from the Danish Lung Cancer Registry *European journal of cardio-thoracic surgery: official journal of the European Association for Cardio-thoracic Surgery* (DOI: 10.1093/ejcts/ezv107)

Iachina M, Morling P (2015) A Simulation-based Comparison of Two Methods for Determining the Treatment Effect in Children Diagnosed with Hyperkinetic Disorder *Communication in Statistics- Simulation and Computation* (DOI:

10.1080/03610918.2014.960090)

- Iachina M, Jakobsen E, Møller H, Lüchtenborg M, Mellemgaard A, Krasnik M, Green A (2015) The Effect of Different Comorbidities on Survival of Non-small Cells Lung Cancer Patients Lung. Apr;193(2):291-7
- Mellemgaard A, Lüchtenborg M, Iachina M, Jakobsen E, Green A, Krasnik M, Møller H (2015) Role of comorbidity on survival after radiotherapy and chemotherapy for nonsurgically treated lung cancer. J Thorac Oncol. Feb;10(2):272-9.
- Larsen S, Krogsgaard DG, Aagaard Larsen L, Iachina M, Skytthe A, Frederiksen H (2015) Genetic and environmental influences in Dupuytren's disease: a study of 30,330 Danish twin pairs. J Hand Surg Eur Vol. 40(2):171-6
- Green A, Ramey DR, Emneus M, Iachina M, Stavem K, Bolin K, McNally R, Busch-Sørensen M, Willenheimer R, Egstrup K, Kesäniemi YA, Ray S, Basta N, Kent C, Pedersen TR (2014) Incidence of cancer and mortality in patients from the Simvastatin and Ezetimibe in Aortic Stenosis (SEAS) trial. Am J Cardiol. Nov 15;114(10):1518-22.
- Iachina M, Green A, Jakobsen E (2014) The direct and indirect impact of comorbidity on the survival of patients with non-small cell lung cancer: A combination of survival, staging and resection models with missing measurements in covariates. BMJ Open (doi:10.1136/bmjopen-2013-003846)
- Jakobsen E, Green A, Oesterlind K, Riis Rasmussen T, Iachina M, Palshof T. (2013) Nationwide Quality Improvement in Lung Cancer Care: The Role of the Danish Lung Cancer Group and Registry. J Thorac Oncol. 8: 1238–1247
- Iachina M, Bilenberg N (2012) Measuring reliable change of emotional and behavioural problems in children. Psychiatry Res. Jul 10; PMID: 22789839
- Kaerlev L, Iachina M, Pedersen JH, Green A, Nørgård BM. (2012) CT-Screening for lung cancer does not increase the use of anxiolytic or antidepressant medication. BMC Cancer. May 23;12:188
- Anne K. Callesen, Jonna S. Madsen, Maria Iachina, Werner Vach, Per E. Jørgensen, Torben A. Kruse, Ole N. Jensen and Ole Mogensen (2010) Diagnosis of ovarian cancer by mass spectrometry based serum protein profiling Cancer Biomark, 6(2):73-82.
- Iachina M The evaluation of the performance of IPWGEE, a simulation study (2009) Communications in Statistics - Simulation and Computation, 38 (6): 1212-27.
- Christiansen L, Tan Q, Iachina M, Bathum L, Kruse TA, McGue M, Christensen K. (2007) Candidate gene polymorphisms in the serotonergic pathway: influence on depression symptomatology in an elderly population. Biological Psychiatry 61(2): 223-230.
- Iachina M, Jørgensen B, McGue M, Christensen K. (2006) A longitudinal Study of Depression Symptomatology and Widowhood in Elderly Danish Twins. The Department of Statistics publications, SDU. November
- Iachina M, Jørgensen B. (2006) Analysis of Incomplete Longitudinal Data Using Weighted Approach. The Department of Statistics publications, SDU October.
- Rexbye H, Petersen I, Iachina M, Mortensen J, McGue M, Vaupel JW, Christensen K. (2005) Hair loss among elderly men: etiology and impact on perceived age. Journal of Gerontology: Medical Sciences 60A(8):1077-82.
- Christensen K, Iachina M, Rexbye H, Tomassini C, Frederiksen H, McGue M, Vaupel JW. (2004) Looking old for your age: Genetics and mortality. Epidemiology 15:251-252.
- Iachina M, Jørgensen B, Christensen K, Iachine I. (2002) Analysis of functional abilities for elderly Danish twins using GEE models. Twin Research, 5:289-293.
- Iachine, I.A., Holm, N.V., Harris, J.R., Begun, A.Z., Iachina, M.K., Laitinen, M., Kaprio, J. and A.I. Yashin (1999). How Heritable is Individual Susceptibility to Death? The Results of an Analysis of Survival Data on Danish, Swedish and Finnish Twins. Twin Research, Vol.1, No.4, 196-205.