

Department of Clinical Neuroscience
Division of Insurance Medicine**Curriculum Vitae – Name**

I am a generalist in biostatistics and during my carrier I have performed advanced analysis as well as summarising descriptive statistics. I have also done a lot of teaching in statistical methods both basic and advanced. There are in particular two fields in statistics that interest me the most: clustering methods and methods for longitudinal data design.

Education

MSc Statistics 1999 – 2002

BSc Pedagogy 1995 – 1997

Current position

Division of Insurance Medicine, Department of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden 2021 –
(Statistician)

Earlier positions

The Public health agency of Sweden 2014 – 2021
(biostatistician)

The Swedish Institute of Communicable disease Control 2011-2014
(Biostatistician)

Department of Learning, Informatics, Management and Ethics, Medical Statistics Unit, Karolinska Institutet, Stockholm, Sweden 2003 – 2011
(Biostatistician)

Publications

(1-24)

1. Byström, E, Lindstrand A, Bergström J, Roth A. (2020). "Confidence in the National Immunization Program among parents in Sweden 2016 – A cross-sectional survey." Vaccine **38**(22): 3909-3917.
2. Persson KI, Berglund T, Bergström J, Tikkanen R, Thorson A, Forsberg B. Place and practice: Sexual risk behaviour while travelling abroad among Swedish men who have sex with men. Travel Medicine and Infectious Disease. 2018.
3. Ny S, Lofmark S, Borjesson S, Englund S, Ringman M, Bergstrom J, et al. Community carriage of ESBL-producing Escherichia coli is associated with strains of low pathogenicity: a Swedish nationwide study. The Journal of antimicrobial chemotherapy. 2017;72(2):582-8.
4. Bjelkmar P, Hansen A, Schønning C, Bergström J, Löfdahl M, Lebbad M, et al. Early

- outbreak detection by linking health advice line calls to water distribution areas retrospectively demonstrated in a large waterborne outbreak of cryptosporidiosis in Sweden. *BMC Public Health*. 2017;17(1):328.
5. KI, Tikkanen R, Bergstrom J, Berglund T, Thorson A, Forsberg BC. Experimentals, bottoms, risk-reducers and clubbers: exploring diverse sexual practice in an Internet-active high-risk behaviour group of men who have sex with men in Sweden. *Culture, health & sexuality*. 2016;18(6):639-53.
 6. Persson KI, Berglund T, Bergstrom J, Eriksson LE, Tikkanen R, Thorson A, et al. Motivators and barriers for HIV testing among men who have sex with men in Sweden. *Journal of clinical nursing*. 2016;25(23-24):3605-18.
 7. Borjesson S, Ny S, Egervarn M, Bergstrom J, Rosengren A, Englund S, et al. Limited Dissemination of Extended-Spectrum beta-Lactamase- and Plasmid-Encoded AmpC-Producing *Escherichia coli* from Food and Farm Animals, Sweden. *Emerging infectious diseases*. 2016;22(4):634-40.
 8. Thorstensson R, Trollfors B, Al-Tawil N, Jahnmatz M, Bergstrom J, Ljungman M, et al. A phase I clinical study of a live attenuated *Bordetella pertussis* vaccine--BPZE1; a single centre, double-blind, placebo-controlled, dose-escalating study of BPZE1 given intranasally to healthy adult male volunteers. *PloS one*. 2014;9(1):e83449.
 9. Ben Ari Shevil E, Johansson S, Ytterberg C, Bergstrom J, von Koch L. How are cognitive impairment, fatigue and signs of depression related to participation in daily life among persons with multiple sclerosis? *Disabil Rehabil*. 2014;36(23):2012-8.
 10. Holmefur M, Kits A, Bergstrom J, Krumlinde-Sundholm L, Flodmark O, Forssberg H, et al. Neuroradiology can predict the development of hand function in children with unilateral cerebral palsy. *Neurorehabilitation and neural repair*. 2013;27(1):72-8.
 11. Gustavsson C, Bergstrom J, Denison E, von Koch L. Predictive factors for disability outcome at twenty weeks and two years following a pain self-management group intervention in patients with persistent neck pain in primary health care. *Journal of rehabilitation medicine*. 2013;45(2):170-6.
 12. Zandian M, Ioakimidis I, Bergstrom J, Brodin U, Bergh C, Leon M, et al. Children eat their school lunch too quickly: an exploratory study of the effect on food intake. *BMC Public Health*. 2012;12:351.
 13. Tuiskunen A, Wahlstrom M, Bergstrom J, Buchy P, Leparac-Goffart I, Lundkvist A. Phenotypic characterization of patient dengue virus isolates in BALB/c mice differentiates dengue fever and dengue hemorrhagic fever from dengue shock syndrome. *Virology journal*. 2011;8:398.
 14. Martola J, Bergstrom J, Fredrikson S, Stawiarz L, Hillert J, Zhang Y, et al. A longitudinal observational study of brain atrophy rate reflecting four decades of multiple sclerosis: a comparison of serial 1D, 2D, and volumetric measurements from MRI images. *Neuroradiology*. 2010;52(2):109-17.
 15. Hovland S, Muller S, Skomedal H, Mints M, Bergstrom J, Wallin KL, et al. E6/E7 mRNA expression analysis: a test for the objective assessment of cervical adenocarcinoma in clinical prognostic procedure. *International journal of oncology*. 2010;36(6):1533-9.
 16. Holmefur M, Krumlinde-Sundholm L, Bergstrom J, Eliasson AC. Longitudinal development of hand function in children with unilateral cerebral palsy. *Developmental medicine and child neurology*. 2010;52(4):352-7.
 17. Bragd J, von Döbeln A, Lins PE, Adamson U, Bergstrom J, Oskarsson P. Basal insulin substitution with glargine or continuous subcutaneous insulin infusion in adult type 1 diabetes patients-a randomized controlled trial. *Diabetes technology & therapeutics*. 2010;12(9):689-93.

18. Petersson I, Kottorp A, Bergstrom J, Lilja M. Longitudinal changes in everyday life after home modifications for people aging with disabilities. *Scandinavian journal of occupational therapy*. 2009;16(2):78-87.
19. Martola J, Stawiarz L, Fredrikson S, Hillert J, Bergstrom J, Flodmark O, et al. Rate of ventricular enlargement in multiple sclerosis: a nine-year magnetic resonance imaging follow-up study. *Acta radiologica (Stockholm, Sweden : 1987)*. 2008;49(5):570-9.
20. Hemmingsson E, Hellenius ML, Ekelund U, Bergstrom J, Rossner S. Impact of social support intensity on walking in the severely obese: a randomized clinical trial. *Obesity (Silver Spring, Md)*. 2008;16(6):1308-13.
21. af Geijerstam B, Hultman G, Bergstrom J, Stjarne P. Zygomatic fractures managed by closed reduction: an analysis with postoperative computed tomography follow-up evaluating the degree of reduction and remaining dislocation. *Journal of oral and maxillofacial surgery : official journal of the American Association of Oral and Maxillofacial Surgeons*.
22. Nergardh R, Ammar A, Brodin U, Bergstrom J, Scheurink A, Sodersten P. Neuropeptide Y facilitates activity-based-anorexia. *Psychoneuroendocrinology*. 2007;32(5):493-502.
23. Martola J, Stawiarz L, Fredrikson S, Hillert J, Bergstrom J, Flodmark O, et al. Progression of non-age-related callosal brain atrophy in multiple sclerosis: a 9-year longitudinal MRI study representing four decades of disease development. *Journal of neurology, neurosurgery, and psychiatry*. 2007;78(4):375-80.
24. Fraidakis MJ, Kiyotani T, Pernold K, Bergstrom J, Olson L. Recovery from spinal cord injury in tumor necrosis factor-alpha, signal transducers and activators of transcription 4 and signal transducers and activators of transcription 6 null mice. *Neuroreport*. 2007;18(2):185-9.