

Short Curriculum Vitae
H. Hyune-Ju Kim

EDUCATION

Ph.D., Statistics, Stanford University, 1988
 B.S., Mathematics, Seoul National University, 1983

PROFESSIONAL EXPERIENCE

2009- Present	Professor, Department of Mathematics, Syracuse University
1997- Present	Guest Researcher/Contractor, Cancer Control and Population Sciences, National Cancer Institute
1995-2009	Associate Professor, Department of Mathematics, Syracuse University
1993 (Jan.-Dec.)	Visiting Assistant Professor, Department of Biostatistics, Harvard University
1992 Summer	Visiting Scholar, Department of Statistics, Stanford University
1989-1995	Assistant Professor, Department of Mathematics, Syracuse University
1988-1989	Visiting Assistant Professor, Department of Mathematics, Syracuse University

GRANTS AND AWARDS

National Institute of Health R03 Grant, 2010-2013
 National Science Foundation Career Advancement Award, 1997-1999
 National Science Foundation Research Initiation Grant, 1991-1993
 National Science Foundation Research Planning Grant, 1990-1991

AREAS OF INTEREST

Change-point problems, Permutation test, Regression model selection, Sequential analysis, Statistics in genetics

SELECTED PUBLICATIONS

H.-S. Chen, K. Portier, K. Goush, D. Naishadham, H.-J. Kim, L. Zhi, L.W. Pickle, M. Krapcho, S. Scoppa, A. Jemal, E. Feuer (2012), Predicting US and State-Level Cancer Counts for the Current Calendar Year: part I-Evaluation of Temporal Projection Methods for Mortality, *Cancer*, 1091-1099.

L. Zhu, L.W. Pickle, K. Goush, D. Naishadham, K. Portier, H.-S. Chen, H.-J. Kim, Z Zou, J. Cucinelli, B. Kohler, B.K.Edwards, J. King, E. J. Feuer, A. Jemal (2012), Predicting US and State-Level Cancer Counts for the Current Calendar Year: part II-Evaluation of Temporal Projection Methods for Incidence, *Cancer*, 1100-1109.

H.-J. Kim (2010), Bounding the Resampling Risk for Sequential Monte Carlo Implementation of Hypothesis Tests, *Journal of Statistical Planning and Inference* 140, 1834-1843.

H.-J. Kim, B. Yu and E. J. Feuer (2009), Selecting the Number of Change-Points in Segmented Line Regression, *Statistica Sinica* 19, 597-609.

J. Kim and H.-J. Kim (2008), Asymptotic Results in Segmented Multiple Regression, *Journal of Multivariate Analysis* 99, 2016–2038.

- H.-J. Kim, B. Yu and E. J. Feuer (2008), Inference in Segmented Line Regression: A Simulation Study, *Journal of Statistical Computation and Simulation* 78 (11), 1087-1103.
- W. Ning and H.-J. Kim (2008), Residual Pattern Based Test for Interactions in Two-Way ANOVA, *Biometrical Journal* 50, 431-445.
- M. P. Fay, H.-J. Kim and M. Hachey (2007), On using Truncated Sequential Probability Ratio Test Boundaries for Monte Carlo Implementation of Hypothesis Tests, *Journal of Computational and Graphical Statistics* 16, 946-967.
- B. Yu, M. J. Barrett, H.-J. Kim and E. J. Feuer (2007), Estimating Joinpoints in Continuous Time Scale for Multiple Change-Point Models, *Computational Statistics and Data Analysis* 51, 2420-2427.
- H.-J. Kim, M. P. Fay, B. Yu, M. J. Barrett, and E. J. Feuer (2004), Comparability of Segmented Line Regression Models, *Biometrics* 60, 1005-1014.
- H.-J. Kim, M. P. Fay, E. J. Feuer, and D. N. Midthune (2000), Permutation Tests for Joinpoint Regression with Applications in Cancer Rates, *Statistics in Medicine* 19, 335-351. (Correction: 2001;20:655)
- H.-J. Kim (1996), Change-Point Detection with Correlated Observations, *Statistica Sinica* 6, 275-287.
- H.-J. Kim (1994), A Repeated Significance Test in a Linear Model, *Sequential Analysis* 13, 113-126.
- H.-J. Kim (1994), The Likelihood Ratio and Cusum Tests for a Change-Point in Linear Regression, *Journal of Multivariate Analysis* 51, 54-70.
- H.-J. Kim (1994), Approximations in Group Sequential Tests, *Communications in Statistics-Simulation and Computation* 23, 915-924.
- H.-J. Kim (1993), Two-Phase Regression with Nonhomogeneous Errors, *Communications in Statistics-Theory and Methods* 22, 647-657.
- H.-J. Kim and L. Cai (1993), Robustness of the Likelihood Ratio Test for a Change in Simple Linear Regression, *Journal of the American Statistical Association* 88, 864-871.
- H.-J. Kim (1992), Boundary Crossing Probabilities by Nondifferentiable Processes and Applications to Two-Phase Regression, *Statistics & Probability Letters* 14, 97-102.
- H.-J. Kim and D. Siegmund (1989), Likelihood Ratio Tests for a Change-Point in Simple Linear Regression, *Biometrika* 76, 409-423.