REVIEWS AND COMMENTARY

967 Who Made John Snow a Hero? J. P. Vandenbroucke, H. M. Eelkman Rooda, and H. Beukers

ORIGINAL CONTRIBUTIONS

974 Case-Control Evaluation of Breast Cancer Screening Efficacy. Dana R. Friedman and Neil Dubin

985 Hair Dye Use and Breast Cancer: a Case-Control Study among Screening Participants. Karen L. Koenig, Bernard S. Pasternack, Roy E. Shore, and Philip Strax


1005 Suicidal Behaviors in Young Adolescents. Carol Z. Garrison, Kirby L. Jackson, Cheryl L. Addy, Robert E. McKeown, and Jennifer L. Waller

1015 Horizontal Transmission of Hepatitis B Virus from Siblings and Intramuscular Injection among Preschool Children in a Familial Cohort. Ying-Chin Ko, Shu-Chuan Li, Yea-Yin Yen, Shu-Mei Yeh, and Chung-Cheng Hsieh

1024 Increased Incidence of Insulin-Dependent Diabetes Mellitus Following an Epidemic of Coxsackievirus B5. Lynne E. Wagenknecht, Jeffrey M. Roseman, and William H. Herman


1050 Estimating the AIDS Incubation Period from a Prevalent Cohort. J-M. Kuo, J. M. G. Taylor, and R. Detels

1058 Defining Exposure in Case-Control Studies: a New Approach. Daniel Wartenberg and Mary Northridge
The Erasmus Programme on Clinical and Public Health Research Methods presents an international advanced course on clinical trials. The course is jointly organized by the University of Amsterdam and Erasmus University of Rotterdam.

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**Faculty:** Diederick Grobbee, MD, PhD, Koos Lubsen, PhD, Olli Miettinen, MD, PhD, Theo Stijnen, PhD, Jan Tijssen, PhD.

**Further information:** Cuno Uiterwaal, MD, co-ordinator, Department of Epidemiology & Biostatistics, Erasmus University Medical School, PO Box 1738, 3000 DR Rotterdam, The Netherlands. Phone: +31 (10)4087497, Fax: +31 (10)4087494. Application deadline is September 30, 1991.

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ANALYSIS

—— EPIDEMIOLOGY ———

• Unmatched case-control analysis: odds ratios, Miettinen, Cornfield or exact limits, tests of trend and homogeneity across groups, stratified analyses, unconditional logistic regression.
• Matched analysis: Mantel-Haenszel and ML estimates for variable matching ratios, exact and approximate tests and limits, conditional logistic regression.
• Rate calculations: manipulate tabular data with arithmetic statements to perform direct and indirect standardization, collapse table dimensions, concatenate tables, display table contents, calculate SMRs and limits.
• Cohort analysis: tabulate events and person years by duration of exposure, calendar period, age group and other factors.
• Cluster analysis: test for disease clustering in households, in space-time, and in a case-control population; test for seasonality.

—— CLINICAL TRIALS ———

• Kaplan-Meier survival estimates, standard errors, mean/median survival; logrank, Wilcoxon, and exact comparisons; tests of heterogeneity and trend with or without stratification; conditional, expected and relative survival;
• Linear regression for survival data.
• Cox regression with time dependent variable; quality dot-matrix plots.

—— GENERAL STATISTICS ———


—— UTILITY PROCEDURES ———

• Savefile: Create, edit, sort, list and merge.
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Indicates new procedures (Version 2)

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Graphic display: bar, stacked or line graph, 3-D bar/line graph, survival plot, scatterplot. Maps: for U.S. by state, county and zip, world by country, and Europe by province.

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