

STATISTICAL SCIENCE

Volume 19, Number 3

August 2004

A Report on the Future of Statistics

.....	<i>Bruce G. Lindsay, Jon Kettenring and David O. Siegmund</i>	387
Comment	<i>Peter Bickel</i>	407
Comment	<i>David Madigan and Werner Stuetzle</i>	408
Comment	<i>Marianthi Markatou and Bruce Levin</i>	409
Comment	<i>Leo Breiman</i>	411
Comment	<i>Vijay Nair</i>	412

Statistical Issues in Studies of the Long-Term Effects of Air Pollution:

The Southern California Children's Health Study

.....	<i>Kiros Berhane, W. James Gauderman, Daniel O. Stram and Duncan C. Thomas</i>	414
Comment	<i>Wendy Meiring</i>	434
Comment	<i>Lianne Sheppard and Jonathan C. Wakefield</i>	438
Comment	<i>Nhu D. Le and James V. Zidek</i>	442
Rejoinder	<i>Kiros Berhane, W. James Gauderman, Daniel O. Stram and Duncan C. Thomas</i>	443

Adjusted Likelihoods for Synthesizing Empirical Evidence from Studies that Differ

in Quality and Design: Effects of Environmental Tobacco Smoke

.....	<i>Robert L. Wolpert and Kerrie L. Mengersen</i>	450
-------	--	-----

Statistics and the Internet

Sampling for Passive Internet Measurement: A Review	<i>Nick Duffield</i>	472
---	----------------------	-----

Network Tomography: Recent Developments

.....	<i>Rui Castro, Mark Coates, Gang Liang, Robert Nowak and Bin Yu</i>	499
-------	---	-----

Bandwidth Estimation for Best-Effort Internet Traffic

.....	<i>Jin Cao, William S. Cleveland and Don X. Sun</i>	518
-------	---	-----

A Conversation with Norman L. Johnson	<i>Campbell B. Read</i>	544
---	-------------------------	-----

Statistical Science (ISSN 0883-4237), Volume 19, Number 3, August 2004. Published quarterly for \$90 per year by the Institute of Mathematical Statistics, 3163 Somerset Drive, Cleveland, OH 44122, USA. Periodicals postage paid at Cleveland, Ohio and at additional mailing offices.

POSTMASTER: Send address changes to *Statistical Science*, Institute of Mathematical Statistics, Dues and Subscriptions Office, 9650 Rockville Pike—Suite L2310, Bethesda, MD 20814-3998, USA.

Copyright © 2004 by the Institute of Mathematical Statistics
Printed in the United States of America