

August, 2013

STANLEY LEMESHOW, Ph.D.
204 Cunz Hall
1841 Neil Avenue
Columbus, Ohio 43210-1351

EDUCATIONAL BACKGROUND

September 1972 - June 1976

University of California, Los Angeles

Degree: Ph.D.
Major Field: Biostatistics
Minor Field: Epidemiology

September 1969 - June 1970

University of North Carolina

Degree: MSPH
Major Field: Biostatistics
Minor Field: Mental Health Statistics

September 1964 - June 1969

City College of New York

Degree: BBA
Major Field: Statistics
Minor Field: Economics

PROFESSIONAL EXPERIENCE

September 2007 – Present

Professor of Biostatistics, College of Public Health, The Ohio State University

May 2009 – April 2014

Honorary Professor in Biostatistics, Aarhus University, Denmark

March 2007 – June 2007

Visiting Scientist, Institut National de la Santé et de la Recherche Médicale (INSERM), Paris, France

August 2003 – May 2013

Dean, College of Public Health, The Ohio State University

November 2000 – March 2009

Director of Center for Biostatistics, The Ohio State University

January 1999 – November 2000

Director of Biostatistics Program, The Ohio State University

December 2005 – December 2012

Associate Editor, *Preventive Medicine*

January 1999 – October 2005

Director, Biostatistics Core, Comprehensive Cancer Center, The Ohio State University

January 1999 – August 2007

Professor of Epidemiology & Biometry, School of Public Health,
Professor of Statistics, Department of Statistics, The Ohio State University

October 1999 - Present

Adjunct Professor, Department of Biostatistics/Epidemiology, School of Public Health, UMass, Amherst

January 1997 - Present

Associate Professor, School of Public Health, University of Bordeaux, Bordeaux, France

PROFESSIONAL EXPERIENCE (Continued)

- August 2001 – Present
Associate Editor, *The Stata Journal*
- May 2000 - 2004
Associate Editor, *Journal of Biopharmaceutical Sciences*
- September 1997 - January 1999
Coordinator, Biostatistics Program, School of Public Health, University of Massachusetts, Amherst, MA
- August 1996 - January 1997
Visiting Professor, School of Public Health, University of Bordeaux, Bordeaux, France
- June 1986 - January 1999
Professor, School of Public Health, University of Massachusetts, Amherst, MA
- June 1994 – August 1999
Editorial Board, *Statistics in Medicine*
- September 1987 - January 1993
Chairman, Biostatistics/Epidemiology Program, School of Public Health, University of Massachusetts, Amherst, Massachusetts.
- August 1982 – August 1999
Faculty, New England Epidemiology Institute, Epidemiology Summer Program
- September 1978 - January 1999
Program Director, Biopharmaceutical Research Unit, School of Public Health, UMass, Amherst
- August 1990 - July 1991
Visiting Professor, Saint Louis Hospital, Paris, France
- January 1983 - Present
Associate Editor, Epidemiology and Biomedical Applications, *Computational Statistics and Data Analysis*
- September 1980 - June 1986
Associate Professor, Division of Public Health, School of Health Sciences, University of Massachusetts, Amherst, MA. (Program Head, Biostatistics/Epidemiology Program Area, Jan - Sept 1983).
- January 1984 - March 1984
Consultant, Division of Epidemiological Surveillance and Health Situation and Trend Assessment, World Health Organization, Geneva, Switzerland
- April 1984 - June 1984
Invited Professor, University of Geneva School of Medicine, Geneva, Switzerland
- September 1976 - August 1980
Assistant Professor, Division of Public Health, School of Health Sciences, University of Massachusetts, Amherst, MA.
- September 1972 - June 1976
Teaching Assistant for biostatistics courses offered by the UCLA School of Public Health
- July 1974 - July 1975
Senior Statistician, UCLA School of Public Health
- June 1970 - June 1972
Commissioned Officer, United States Public Health Service, Analytical Statistician, National Center for Health Statistics.
- June 1969 - August 1969
Statistics Supervisor, Health Research Training Program, New York City Department of Health.
- September 1968 - June 1969
Research Assistant, Department of Preventive Medicine, New York Medical College.

PROFESSIONAL EXPERIENCE (Continued)

Summer 1967 and Summer 1968

Student Trainee, Health Research Training Program, New York City Department of Health.

SHORT COURSES

- In addition to an annual short course on regression and categorical data methods for the New England Epidemiology Institute between 1982 and 1999, the following short courses on regression/logistic regression or sampling methods were conducted:

- Atlantic City, N.J. December 1989 - Quality Control Section of American Stat Assoc
- Worcester, MA - Feb 1990 - Boston Chapter of American Statistical Association
- New York, NY - April 1990 - New York Chapter of American Statistical Association
- Zeist, Holland - May 1990, November 1991
- Paris, France - January 1991, March 2007, April 2010-2011, March 2012
- Izarra, Spain - May 1991
- Oslo, Norway - June 1991, May 2007
- Lausanne, Switzerland - September 1991
- Atlanta, Georgia - November 1991 - American Public Health Association
- Izarra, Spain - May 1992
- Groningen, Holland - January 1993
- Stouby, Denmark - May 1993
- Boston, Massachusetts - September 1993 - for BMDP
- Barcelona, Spain - May 1994, January 1995, January 1997, April 2007
- Bilthoven, Holland - May 1994
- Mols, Denmark - September 1994
- Boston, Massachusetts - October 1994 - for BMDP
- Munster, Germany - November 1994
- Atlanta, Georgia - May 1995, June 1996, March 1998 - for CDC
- Rotterdam, Holland - August 1995-1998, 2000- 2013 (Erasmus Summer Program)
- Lugano, Switzerland - January, 1996
- Mols, Denmark - May, 1996
- Annecy, France - November 1996 (Sampling)
- Bordeaux, France - December 1996, January 1998, December 1999, September 2000, June 2004, November 2005, June 2007
- Hyattsville, Maryland (NCHS) - April 1997
- Hobart, Tasmania (Australia) - November 1997, July 2001, April 2004
- Santa Fe, New Mexico - July 1998, October 2000, June 2006
- Columbus, Ohio - June 1999 (for Ohio Department of Health)
- Stockholm, Sweden - October 1999, April 2001 (Karolinska Institute)
- ASA Traveling Short Course Lecturer (Harrisburg, PA, NY/NJ, Boston Chapters) - April, May 2000
- Columbus, Ohio - Summer Program on Applied Statistical Methods - June 2000-2003, July 2004-2013
- Ahlborg, Denmark - November 2000
- Atlantic City, N.J. - December 2001 - Deming Conference on Applied Statistics
- Zurich, Switzerland - October 2002, May 2007, March 2009
- Copenhagen, Denmark - December 2002
- Cincinnati, Ohio - March, 2004 - for ASA
- Porto, Portugal - May 2005
- Basel, Switzerland - September 2006
- Aarhus, Denmark - October 2006, October 2010
- Rome, Italy - November 2007, October 2009
- Beijing, China - June 2011
- Manipal, India - December 2011

SOCIETIES

American Statistical Association
Society for Epidemiologic Research
American Public Health Association
Biometric Society
American Association for the Advancement of Science

HONORS

Lowell Reed Lecture, APHA October 2008
Elected, UCLA School of Public Health Alumni Hall of Fame, 2006
Elected Fellow of the American Association for the Advancement of Science (AAAS), 2003
Wiley Lifetime Award, San Francisco, 2003
Distinguished Graduate Alumnus (Biostatistics), University of North Carolina Graduate School Centennial, 2003
Selected as Full Member of the Institute for Behavioral Medicine Research, The Ohio State University, 2003
Granted Investigator Status, Davis Heart and Lung Research Institute, The Ohio State University, 2003
Selected to deliver American Statistical Association Traveling Course Series, Spring 2000
Nominated for University of Massachusetts Distinguished Teacher Award, 1998
Selected Featured Speaker, Centers for Disease Control and Prevention, Statistical Sciences Awards, May 13, 1998
Awarded INSERM Fellowship (Poste Orange) from the French Institut National de la Santé et de la Recherche Médicale - 8/1/96-1/31/97
Awarded Statistics Section Award of the American Public Health Association - 1995
Nominated for School of Public Health Outstanding Teacher Award – 1995, 1998
Elected Fellow of the American Statistical Association - 1995
Elected to Phi Kappa Phi Honor Society - 1993
Elected to Delta Omega - Rho Chapter [National Public Health Honor Society] - 1992
Elected Chair, Statistics Section, American Public Health Association - 1991
Elected Chair, Subsection on Teaching Statistics in the Health Sciences,
American Statistical Association - 1986
Elected Secretary, Subsection on Teaching Statistics in the Health Sciences,
American Statistical Association - 1983
Granted Tenure, University of Massachusetts - April 1982
Winner of 1974 So. California Chapter of American Statistical Association student paper contest
Awarded Morton Wollman Memorial Medal - June 1969
Awarded American Statistical Association Award - June 1969
Graduated CCNY Cum Laude
Granted NIMH Fellowship to attend UNC
Granted NIH Traineeship to attend UCLA

BOOKS

- Hosmer D, **Lemeshow S**, Sturdivant, RX (2013). *Applied Logistic Regression, 3rd Ed.* A Wiley-Interscience Publication, John Wiley & Sons Inc., New York, NY, 500 pages.
- Levy PS, **Lemeshow S**, Hade EM, Ferketich AK (2009). *Solutions Manual to Accompany Sampling of Populations: Methods and Applications, 4th Ed.* A Wiley-Interscience Publication, John Wiley & Sons Inc., New York, NY, 191 pages.
- Hosmer D, **Lemeshow S**, May S (2008). *Applied Survival Analysis: Regression Modeling of Time To Event Data, Second Edition.* A Wiley-Interscience Publication, John Wiley & Sons Inc., New York, NY, 392 pages.
- Levy PS, **Lemeshow S** (2008). *Sampling of Populations: Methods and Applications, Fourth Edition* A Wiley-Interscience Publication, John Wiley & Sons Inc., New York, NY, 576 pages.
- Hosmer D, **Lemeshow S**, Kim S (2002). *Solutions Manual to Accompany Applied Survival Analysis.* A Wiley-Interscience Publication, John Wiley & Sons Inc., New York, NY, 232 pages.
- Hosmer D, **Lemeshow S**, Cook ED (2001). *Solutions Manual to Accompany Applied Logistic Regression, 2nd Ed.* A Wiley-Interscience Publication, John Wiley & Sons Inc., New York, NY, 270 pages.
- Hosmer D, **Lemeshow S** (2000). *Applied Logistic Regression, 2nd Ed.* A Wiley-Interscience Publication, John Wiley & Sons Inc., New York, NY, 373 pages.
- Levy PS, **Lemeshow S** (1999). *Sampling of Populations: Methods and Applications, Third Edition* A Wiley-Interscience Publication, John Wiley & Sons Inc., New York, NY, 525 pages.
- Hosmer D, **Lemeshow S** (1999). *Applied Survival Analysis: Regression Modeling of Time To Event Data.* A Wiley-Interscience Publication, John Wiley & Sons Inc., New York, NY, 386 pages.
- Levy PS, **Lemeshow S** (1991). *Sampling of Populations: Methods and Applications, Second Edition* A Wiley-Interscience Publication, John Wiley & Sons Inc., New York, NY, 420 pages.
- Lemeshow S**, Hosmer D, Klar J, Lwanga SK (1990). *Adequacy of Sample Size in Health Studies.* John Wiley & Sons Ltd., Chichester, England for World Health Organization, 239 pages.
- Hosmer D, **Lemeshow S** (1989). *Applied Logistic Regression.* A Wiley-Interscience Publication, John Wiley & Sons Inc., New York, NY, 307 pages.
- Levy PS, **Lemeshow S** (1980). *Sampling for Health Professionals.* A Wiley-Interscience Publication, John Wiley & Sons Inc., New York, NY, 320 pages.

BOOK CHAPTERS

- Lemeshow S** and Hosmer D (2008). Logistic Regression. *Encyclopedia of Clinical Trials* (Ralph B. D'Agostino, Lisa Sullivan, and Joseph Massaro, ed.) Hoboken: John Wiley & Sons, Inc.
- Hade EM and **Lemeshow S** (2008). Probability Sample. *Encyclopedia of Survey Research Methods* (Paul J. Lavrakas, ed). pp 621-623. Sage Publications, Los Angeles, London, New Delhi, Singapore and Washington, D.C.
- Hosmer D and Lemeshow S (2005). Logistic Regression. *Wiley Encyclopedia of Biostatistics, Second Edition* (Peter Armitage and Theodore Colton) Hoboken: John Wiley & Sons, Inc., pp 2870—2880.
- Hosmer D and Lemeshow S (2005). Conditional Logistic Regression. *Wiley Encyclopedia of Biostatistics, Second Edition* (Peter Armitage and Theodore Colton) Hoboken: John Wiley & Sons, Inc., pp 2880—2886.
- Levy PS, **Lemeshow S** (2005). Nonresponse in Sample Surveys. *Encyclopedia of Statistics in Behavioral Science* (Brian S. Everitt and David Howell, ed.), John Wiley & Sons.
- Lemeshow S**, Ferketich A (2005). Cluster Sampling. *Polling America: An Encyclopedia of Public Opinion.* Editors Best S and Radcliff B, Greenwood Press, Westport, CT.

BOOK CHAPTERS (Continued)

Lemeshow S, Ferketich A (2005). Simple Random Sampling. *Polling America: An Encyclopedia of Public Opinion*. Editors Best S and Radcliff B, Greenwood Press, Westport, CT.

Lemeshow S, Ferketich A (2005). Stratified Sampling. *Polling America: An Encyclopedia of Public Opinion*. Editors Best S and Radcliff B, Greenwood Press, Westport, CT.

Elashoff JD, **Lemeshow S** (2004). Sample Size Determination in Epidemiologic Studies. *Handbook of Epidemiology* Editors Ahrens W and Pigeot I, Springer-Verlag Berlin Heidelberg, Germany.

Lemeshow S, Hosmer DW (2004). Logistic Regression. Accepted for publication as major entry in *Encyclopedia of Biostatistics*, 2nd ed., John Wiley & Sons.

Hosmer DW, **Lemeshow S** (2004). Conditional Logistic Regression. Accepted for publication as major entry in *Encyclopedia of Biostatistics*, 2nd ed., John Wiley & Sons.

Suciu GP, **Lemeshow S**, Moeschberger M (2004) Statistical Tests of the Equality of Survival Curves: Reconsidering the Options. *Handbook of Statistics, Vol 23*. Elsevier Science B.V.

Collins A, **Lemeshow S** (1998). Scoring Systems in Intensive Care: MPM. *Oxford Textbook of Intensive Care*, Oxford University Press.

Lemeshow S, Teres D, Moseley S (1997). Statistical Issues in Clinical Sepsis Trials. Chapter 52 in *Textbook of Sepsis and Multiorgan Failure*. Williams & Wilkins, edited by Fein AM, Abraham E, Balk R, Bernard G, Bone RC, Dantzer D, Fink M, 614-26.

Lemeshow S, Hosmer DW (1997). Logistic Regression. Major entry in *Encyclopedia of Biostatistics*, John Wiley & Sons.

Hosmer DW, **Lemeshow S** (1997). Conditional Logistic Regression. Major entry in *Encyclopedia of Biostatistics*, John Wiley & Sons.

Teres D, **Lemeshow S** (1996). Severity-of-Illness Modeling and Potential Applications. Chapter in *Intensive Care Medicine, (Third Edition)*, Little, Brown and Company, edited by Rippe JM, Irwin RS, Fink MP, Cerra FB, 2589-98.

Lemeshow S (1995). Adjusting for Severity in the ICU: Three Systems. *1996 Clinical Performance Data Sourcebook*, Faulkner & Gray.

Le Gall JR, **Lemeshow S** (1994). SAPS II and MPM II Models for Sepsis: General Principles and Applications. *Update in Intensive Care and Emergency Medicine, Vol 20: Clinical Trials for the Treatment of Sepsis*, Springer-Verlag Belin Heidelberg, edited by Vincent, J.L., October.

Lemeshow S, Teres D (1994). The MPM II System for ICU Patients. *Yearbook of Intensive Care and Emergency Medicine 1994*, Springer-Verlag Belin Heidelberg, edited by Vincent, JL, 805-15, March.

Le Gall JR, **Lemeshow S**, the ICU Scoring Group (1994). The SAPS II: A New Score with New Objectives. *Yearbook of Intensive Care and Emergency Medicine 1994*, Springer-Verlag Belin Heidelberg, edited by Vincent, J.L., 795-804, March.

Teres D, **Lemeshow S** (1992). Using Severity Measures to Describe High Performance ICUs. *Critical Care Reviews*, Simon and Schuster.

Lemeshow S, Teres D, Klar J (1991). Use of a Probability Model for Predicting ICU Outcome. *Update in Intensive Care and Emergency Medicine #14*, Springer-Verlag Belin Heidelberg, edited by Vincent, JL, 574-80.

Teres D, Avrunin JS, **Lemeshow S** (1991). Severity-of-Illness Modeling. Chapter in *Intensive Care Medicine (2nd Edition)*, Little, Brown and Company, edited by Rippe JM, Irwin RS, Alpert JS, Fink MP, 1953-62.

BOOK CHAPTERS (Continued)

Teres D, **Lemeshow S**, Harris D, Klar J (1989). Mortality Prediction Models (MPM) for ICU Patients. Chapter in *Problems in Critical Care: Prognostic Scoring Systems in the ICU*, Edited by Farmer, C., J.B. Lippencott, Inc.

Teres D, **Lemeshow S** (1987). Evaluating the Severity of Illness in Critically Ill Patients. Chapter 1 in *Diagnostic Methods in Critical Care*, Automated Data Collection and Interpretation, edited by Shoemaker, W.C. and Abraham, E, Marcel Dekker, Inc., New York, 1-17.

Lemeshow S (1985). "Nonresponse in Sample Surveys. *Encyclopedia of Statistical Sciences*, John Wiley & Sons, Inc., Vol. 6.

Engelman RM, Rousou JH, **Lemeshow S** (1983). The Incidence and Significance of Preoperative Myocardial Infarction in Myocardial Revascularization. *Coronary Artery Surgery: Application of New Technologies*, Year Book Publishing Company, Chicago, 309-21.

Lemeshow S (1983). Half-Sample Techniques. *Encyclopedia of Statistical Sciences*, J. Wiley & Sons, Inc., Vol. 3.

Rousou JH, Engelman RM, **Lemeshow S** (1982). Experience with Crystalloid Potassium Cardioplegia in Coronary Revascularization. *Textbook of Clinical Cardioplegia*, Futura Publishing Co., Kisco, N.Y.

PUBLICATIONS IN REFEREED JOURNALS

167. Schmidt M, Johannesdottir SA, **Lemeshow S**, Lash TL, Ulrichsen SP, Bøtker HE, Sørensen HT. Cognitive test scores in young adult men and risk of type 2 diabetes, cardiovascular morbidity, or death before 55 years of age: A Danish 33-year follow-up study". *Epidemiology*. 2013 Sep;24(5):632-6

166. Schmidt M, Johannesdottir SA, **Lemeshow S**, Lash TL, Ulrichsen SP, Bøtker HE, Sørensen HT. Obesity in young men, and individual and combined risks of type 2 diabetes, cardiovascular morbidity and death before 55 years of age: a Danish 33-year follow-up study. *BMJ Open* 2013;3:e002698. doi:10.1136/bmjopen-2013-002698.

165. Johannesdottir SA, Schmidt M, Phillips G, Glaser R, Yang EV, Blumenfeld M, **Lemeshow S**. Use of β -blockers and mortality following ovarian cancer diagnosis: a population-based cohort study. *BMC Cancer*. 2013 Feb 22;13(1):85.

164. Sullivan D, Pinsonneault JK, Papp AC, Zhu H, Lemeshow S, Mash DC and Sadee W. Dopamine transporter *DAT* and receptor *DRD2* variants affect risk of lethal cocaine abuse: a gene-gene-environment interaction. *Translational Psychiatry* (2013) 3, e222; doi:10.1038/tp.2012.146 Published online 22 January 2013

163. Lerner AM, Ariza ME, Williams M, Jason L, Beqaj S, Fitzgerald JT, **Lemeshow S**, Glaser R. Antibody to Epstein-Barr virus deoxyuridine triphosphate nucleotidohydrolase and deoxyribonucleotide polymerase in a chronic fatigue syndrome subset. *PLoS One*. 2012;7(11)

162. Levy MM, Artigas A, Phillips GS, Rhodes A, Beale R, Osborn T, Vincent JL, Townsend S, **Lemeshow S**, Dellinger RP. Outcomes of the Surviving Sepsis Campaign in intensive care units in the USA and Europe: a prospective cohort study. *Lancet Infect Dis*. 2012 Dec;12(12):919-24.

161. Casserly B, Herwig G, Phillips GS, **Lemeshow S**, Marshall JC, Osborn TM, Levy MM. Low-dose steroids in adult septic shock: results of the Surviving Sepsis Campaign. *Intensive Care Medicine*. October 2012;38(10).

160. Paul P, Pennell ML, **Lemeshow S**. Standardizing the power of the Hosmer-Lemeshow goodness of fit test in large data sets. *Stat Med*. Volume 32, Issue 1, pages 67–80, 15 January 2013

159. Casserly B, Gerlach H, Phillips GS, Marshall JC, **Lemeshow S**, Levy MM. Evaluating the use of recombinant human activated protein C in adult severe sepsis: Results of the Surviving Sepsis Campaign. *Crit Care Med*. 2012 May; 40(5):1417-1426.

PUBLICATIONS IN REFEREED JOURNALS (continued)

158. O'Brien JM Jr, Philips GS, Ali NA, Aberegg SK, Marsh CB, **Lemeshow S**. The association between body mass index, processes of care, and outcomes from mechanical ventilation: A prospective cohort study. *Crit Care Med*. 2012 May;40(5):1456-63.
157. Marion JW, Lee J, Wilkins JR 3rd, **Lemeshow S**, Lee C, Waletzko EJ, Buckley TJ. In Vivo Phycocyanin Fluorometry as a Potential Rapid Screening Tool for Predicting Elevated Microcystin Concentrations at Eutrophic Lakes. *Environ Sci Technol*. 2012 Apr 17;46(8):4523-31.
156. Anderson S, Gooze R, **Lemeshow S**, Whitaker R. Quality of Early Maternal-Child Relationship and Risk of Adolescent Obesity. *Pediatrics*, 2012 Jan;129(1):132-40.
155. **Lemeshow S**, Sørensen HT, Phillips G, Yang E, Antonsen S, Riis AH, Lesinski GB, Jackson R, Glaser R. Beta Blockers and Survival among Danish Patients with Malignant Melanoma: A Population-based Cohort Study. *Cancer Epidemiol Biomarkers Prev*. 2011 Oct;20(10):2273-9.
154. Katz ML, Ferketich AK, Paskett ED, Harley A*, Reiter PL*, **Lemeshow S**, Westman JA, Clinton SK, Bloomfield CD. Cancer screening practices among Amish and non-Amish adults living in Ohio Appalachia. *J Rural Health* 2011;27:302-309.
153. O'Brien JM Jr, Lu B, Ali NA, Levine DA, Aberegg SK, **Lemeshow S**. Insurance type and sepsis-associated hospitalizations and sepsis-associated mortality among US adults: a retrospective cohort study. *Crit Care* 2011 May 23;15(3).
152. Christensen S, Johansen MB, Christensen CF, Jensen R, **Lemeshow S**. Comparison of Charlson comorbidity index with SAPS and APACHE scores for prediction of mortality following intensive care. *Clinical Epidemiology* 2011;3 1-9.
151. Christensen S, Johansen MB, Tonnesen E, Larsson A, Pedersen L, **Lemeshow S**, Sorensen HT. Preadmission beta-blocker use and 30-day mortality among patients in intensive care: a cohort study. *Crit Care*. 2011 Mar 7; 15(2).
150. Popovich PG, **Lemeshow S**, Gensel JC, Tovar CA. Independent evaluation of the effects of glibenclamide on reducing progressive hemorrhagic necrosis after cervical spinal cord injury. *Exp Neurol*. 2010 Dec 9.
149. Marion JW, Lee J, **Lemeshow S**, Buckley TJ. Association of gastrointestinal illness and recreational water exposure at an inland U.S. beach. *Water Res*. 2010 Sep;44(16):4796-804.
148. O'Brien JM Jr, Aberegg SK, Ali NA, Diette GB, **Lemeshow S**. Results from the National Sepsis Practice Survey: Use of drotrecogin alpha (activated) and other therapeutic decisions. *J Crit Care*. 2010 Dec; 25(4).
147. McAlearney AS, Song PH, Rhoda DA, Tatum C, **Lemeshow S**, Ruffin M, Harrop JP, Paskett ED. Ohio Appalachian women's perceptions of the cost of cervical cancer screening. *Cancer*. 2010 Jul 1.
146. Paradis NA, Young G, **Lemeshow S**, Brewer JE, Halperin HR. Inhomogeneity and temporal effects in AutoPulse Assisted Prehospital International Resuscitation—an exception from consent trial terminated early☆. *American Journal of Emergency Medicine* 2010 May;28(4):391-8.
145. Langkamp DL, Lehman A, **Lemeshow S**. Techniques for Handling Missing Data in Secondary Analyses of Large Surveys, *Academic Pediatrics*, May-June 2010;10(3):205-10.
144. Westman JA, Ferketich AK, Kauffman RM, MacEachern SN, Wilkins III JR, Wilcox PP, Pilarski RT, Nagy R, **Lemeshow S**, de la Chapelle A, Bloomfield CD. Low cancer incidence rates in Ohio Amish. *Cancer Causes & Control*, 2010 Jan;21(1):69-75.

PUBLICATIONS IN REFEREED JOURNALS (continued)

143. O'Brien JM Jr, Aberegg SK, Ali NA, Diette GB, **Lemeshow S**. Results from the national sepsis practice survey: predictions about mortality and morbidity and recommendations for limitation of care orders. *Crit Care*. 2009;13(3):R96. Epub 2009 Jun 23.
142. Ali NA, O'Brien JM Jr, Dungan K, Phillips G, Marsh CB, **Lemeshow S**, Connors AF Jr, Preiser JC. Glucose variability and mortality in patients with sepsis. *Crit Care Med*. 2008 Aug;36(8):2316-21.
141. Kiecolt-Glaser JK, Heffner KL, Glaser R, Malarkey WB, Porter K, Atkinson C, Laskowski B, **Lemeshow S**, Marshall GD (2009). How stress and anxiety can alter immediate and late phase skin test responses in allergic rhinitis. *Psychoneuroendocrinology*. 2009 Jun;34(5):670-80.
140. Rhoda DA, Fernandez SA, Fitch DJ, **Lemeshow S**. LQAS: User Beware. *International Journal of Epidemiology*, 2010 Feb; 39(1):60-8.
139. Post DM, Katz ML, Tatum C, Dickinson SL, **Lemeshow S**, Paskett ED. Determinants of colorectal cancer screening in primary care. *J Cancer Educ*. 2008;23(4):241-7
138. Ali NA, O'Brien JM Jr, Dungan K, Phillips G, Marsh CB, **Lemeshow S**, Connors AF Jr, Preiser JC. Glucose variability and mortality in patients with sepsis. *Crit Care Med*. 2008 Aug;36(8):2316-21.
137. Levy MM, Rapoport J, **Lemeshow S**, Chalfin DB, Phillips G, Danis M. Association between critical care physician management and patient mortality in the intensive care unit. *Ann Intern Med*. 2008 Jun 3;148(11):801-9
136. Ali NA, O'Brien Jr JM, Hoffmann SP, Phillips G, Garland A, Finley JC, Almoosa K, Hejal R, Wolf KM, **Lemeshow S**, Connors Jr AF, Marsh CB. Acquired Weakness, Handgrip Strength and Mortality in Critically Ill Patients. *Am J Respir Crit Care Med*. 2008 May 29.
135. Moradi T, Gridley G, Björk J, Dosemeci M, Ji BT, Berkel HJ, **Lemeshow S**. Occupational physical activity and risk for cancer of the colon and rectum in Sweden among men and women by anatomic subsite. *Eur J Cancer Prev*. 2008 Jun;17(3):201-8.
134. Kiecolt-Glaser JK, Graham JE, Malarkey WB, Porter K, **Lemeshow S**, Glaser R. Olfactory influences on mood and autonomic, endocrine, and immune function. *Psychoneuroendocrinology*. 2008 Apr;33(3):328-39.
133. Waldman WJ, Williams MV Jr., **Lemeshow S**, Binkley P, Guttridge D, Kiecolt-Glaser JK, Knight DA, Ladner KJ and Glaser R (2008). Epstein-Barr virus-encoded dUTPase enhances proinflammatory cytokine production by macrophages in contact with endothelial cells: Evidence for depression-induced atherosclerotic risk *Brain, Behavior, and Immunity*; 22(2):215-223.
132. Ali NA, O'Brien JM Jr, Blum W, Byrd JC, Klisovic RB, Marcucci G, Phillips G, Marsh CB, **Lemeshow S**, Grever MR (2007). Hyperglycemia in patients with acute myeloid leukemia is associated with increased hospital mortality. *Cancer*. Jul 1;110(1):96-102.
131. Ferketich AK, Katz ML, Kauffman RM, Paskett ED, **Lemeshow S**, Westman JA, Clinton SK, Bloomfield CD, and Wewers, ME (2008). Tobacco use among the Amish in Holmes County, Ohio. *Journal of Rural Health* 24(1): 84-90.
130. O'Brien JM Jr, Lu B, Ali NA, Martin GS, Aberegg SK, Marsh CB, **Lemeshow S**, Douglas IS (2007). Alcohol dependence is independently associated with sepsis, septic shock, and hospital mortality among adult intensive care unit patients. *Crit Care Med*; 35(2):345-50.
129. Grainger EM, Kim HS, Monk JP, **Lemeshow SA**, Gong MC, Bahnson RR, Clinton SK (2008). Consumption of Dietary Supplements, Over-the-Counter (OTC) and Prescription Medications in Men Participating in the Prostate Cancer Prevention Trial (PCPT) at an Academic Center. *Urologic Oncology*; 26:125-132..

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128. Kiecolt-Glaser JK, Belury M, Porter K, Beversdorf D, **Lemeshow S**, Glaser R (2007). Depressive Symptoms, omega-6:omega-3 Fatty Acids, and Inflammation in Older Adults. *Psychosom Med*; 69(3):217-24.
127. Yang EV, Sood AK, Chen M, Li Y, Eubank TD, Marsh CB, Jewell S, Flavahan NA, Morrison C, Yeh P-E, **Lemeshow S** and Glaser R (2006). Norepinephrine up-regulates the expression of VEGF, MMP-2 and MMP-9 in nasopharyngeal carcinoma tumor cells. *Cancer Res.*; 66(21):10357-10364.
126. Archer KJ, **Lemeshow S**, Hosmer DW (2007). Goodness-of-fit Tests for Logistic Regression Models when Data are Collected using a Complex Sampling Design. *Computational Statistics and Data Analysis*; 51(9):4450-4464.
125. McGuire L, Heffner K, Glaser R, Needleman B, Malarkey W, Dickinson S, **Lemeshow S**, Cook C, Muscarella P, Melvin WS, Ellison EC, and Kiecolt-Glaser JK (2006). Pain and Wound Healing in Surgical Patients. *Annals of Behavioral Medicine*; 31(2):165-172.
124. Archer KJ, **Lemeshow S** (2006). Goodness-of-fit test for a logistic Regression Model Estimated Using Survey Sampling Data. *Stata Journal*, Vol. 6, No. 1: 97-105.
123. O'Brien JM, Phillips GS, Ali NA, Lucarelli M, Marsh CB, **Lemeshow S** (2006). Body Mass Index is Independently Associated with Hospital Mortality in Mechanically Ventilated Adults with Acute Lung Injury. *Crit Care Med.* Vol. 34, No. 3: 738-44.
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