

## References

- Abrevaya, J. "Computing marginal effects in the Box-Cox model," *Econometric Reviews* 21(3): 383-393, 2000.
- Ai, C. and E.C. Norton. "Standard Errors for the Retransformation Problem with Heteroscedasticity," *Journal of Health Economics* 19(5):697-718, 2000.
- Ai, C. and E.C. Norton. "Interaction Terms in Logit and Probit Models," *Economics Letters* 80(1):123-129, 2003.
- Andrews, D.W.K. "Chi-square Diagnostic Tests for Econometric Models," *Journal of Econometrics* 37: 135-156, 1988.
- Basu, A., W.G. Manning, and J. Mullahy. "Comparing Alternative Models: Log vs. Cox Proportional Hazard?" *Health Economics* 13(8): 749-765, 2004
- Blough, D.K., C.W. Madden, and M.C. Hornbrook. "Modeling risk using generalized linear models," *Journal of Health Economics* 18: 153-171, 1999.
- Buntin, M.B. and A.M. Zaslavsky. "Too much ado about two-part models and transformation? Comparing methods of modeling Medicare expenditures," *Journal of Health Economics* 23, 525-542, 2004.
- Burgess, J.F. and P. Deb. "A Quasi-experimental Comparison of Statistical Models for Health Care Expenditures," working paper.
- Cameron, C., and P.K. Trivedi. "Econometric Models Based on Count Data: Comparisons and Applications of Some Estimators and Tests," *Journal of Applied Econometrics* 1: 29-53, 1986.
- Cameron, A.C., and P.K. Trivedi. *Regression Analysis of Count Data*. Cambridge: Cambridge University Press, 1998.
- Cameron, A.C., P.K. Trivedi, F. Milne and J. Piggott. "A Microeconomic Model of the Demand for Health Care and Health Insurance in Australia," *Review of Economic Studies* 55: 85-106, 1988.
- Cameron, A.C. and F.A.G. Windmeijer. "R-Squared Measures for Count Data Regression Models with Applications to Health-Care Utilization," *Journal of Business and Economic Statistics* 14: 209-220, 1996.
- Cantoni, E., and E. Ronchetti. "A robust approach for skewed and heavy-tailed outcomes in the analysis of health care expenditures," *Journal of Health Economics* 25: 198-213, 2006.
- Cantoni, E. and E. Ronchetti, "Robust Inference for Generalized Linear Models," *Journal of the American Statistical Association* 96: 1022-1030, 2001.
- Chaze, J.P., "Assessing household health expenditure with Box-Cox censoring models," *Health Economics* 14(9): 893-907, 2005.
- Cragg, J. "Some Statistical Models for Limited Dependent Variable with Application to the Demand for Durable Goods," *Econometrica* 39: 829-844, 1971.

- D'Agostino, R.B., and E.S. Pearson. "Tests for departure from normality: empirical results for the distribution of  $b_2$  and  $\sqrt{b_1}$ ," *Biometrika* 60: 613-622.
- Dalton, K., and E.C. Norton. "Revisiting Rogowski and Newhouse on the indirect costs of teaching: A note on functional form and retransformation in Medicare's payment formulas," *Journal of Health Economics* 19(6):1027-1046, 2000.
- Deb, P. and A.M. Holmes. "Estimates of Use and Costs of Behavioral Health Care: A Comparison of Standard and Finite Mixture Models," *Health Economics* 9: 475-489, 2000.
- Deb, P. and P.K. Trivedi. "Demand for Medical Care by the Elderly: A Finite Mixture Approach," *Journal of Applied Econometrics* 12: 313-326, 1997.
- Deb, P. and P. K. Trivedi. "The Structure of Demand for Health Care: Latent Class versus Two-part Models," *Journal of Health Economics* 21: 601-625, 2002.
- Dow, W.H. and E.C. Norton. "Choosing Between and Interpreting the Heckit and Two-Part Models for Corner Solutions," *Health Services & Outcomes Research Methodology* 4: 5-18, 2003.
- Duan, N. "Smearing Estimate: a Nonparametric Retransformation Method," *Journal of the American Statistical Association* 78: 605-610, 1983.
- Duan, N., W.G. Manning, et al. "A Comparison of Alternative Models for the Demand for Medical Care," *Journal of Business and Economic Statistics* 1:115-126, 1983.
- Duan, N., W.G. Manning, et al. "Choosing Between the Sample-Selection Model and the Multi-Part Model," *Journal of Business and Economic Statistics* 2(3): pp. 283-289, 1984.
- Duan, N., W.G. Manning, et al. "Comments on Selectivity Bias," in R.M. Scheffler and L.F. Rossiter, eds., *Advances in Health Economics and Health Services Research, Vol. 6, Biased Selection in Health Care Markets*. Greenwich, Conn.: JAI Press, Inc., 1985.
- Gerdtham, U.-G. "Equity in Health Care Utilization: Further Tests Based on Hurdle Models and Swedish Micro Data," *Health Economics* 6: 303-319, 1997.
- Gerdtham, U.-G. and P.K. Trivedi. "Equity in Swedish Health Care Reconsidered: New Results Based on the Finite Mixture Model," *Health Economics* 10: 565-572, 2001.
- Gilleskie, D.B. and T.A. Mroz. "A Flexible Approach for Estimating the Effects of Covariates on Health Expenditures," *Journal of Health Economics* 23(2): 391-418, 2004.
- Gourieroux, C. A. Montfort, and A. Trognon. "Pseudo-maximum Likelihood Methods: Applications to Poisson Models," *Econometrica* 52: 701-720, 1984.
- Gurmu, S., and P.K. Trivedi. "Excess Zeros in Count Models of Recreational Trips," *Journal of Business and Economic Statistics* 14: 469-477, 1996.
- Guo, J.Q. and P.K. Trivedi. "Flexible Parametric Models for Long-Tailed Patent Count Distributions," *Oxford Bulletin of Economics and Statistics* 64: 63-82, 2002.
- Hosmer, D.W., and S. Lemeshow. *Applied Logistic Regression*, 2nd Edition. New York, John Wiley & Sons, 1995.

- Jimenez-Martin, S., J.M. Labeaga and M. Martinez-Granado. "Latent Class Versus Two-part Models in the Demand for Physician Services Across the European Union", *Health Economics* 11, 301-321, 2002.
- Jones, A. "Health Econometrics," in A. Culyer and J. Newhouse, (Eds.), *Handbook of Health Economics*. Amsterdam: Elsevier, 2000.
- Koenker, R.W and Bassett, G.W. "Regression Quantiles," *Econometrica* 46:33-50, 1978.
- Koenker, R.W and Bassett, G.W. "Robust Tests for Heteroscedasticity Based on Regression Quantiles," *Econometrica* 50:43-61, 1982.
- Lane, P.W. Generalized linear models in soil science," *European Journal of Soil Science* 53: 241-251, 2002.
- Leung, S.F., Shihti Yu. "On the Choice between Sample Selection and Two-part Models," *Journal of Econometrics* 72: 197-229, 1996.
- Lindsay, B.J. *Mixture Models: Theory, Geometry, and Applications*, NSF-CBMS Regional Conference Series in Probability and Statistics, Vol. 5, IMS-ASA, 1995.
- Lourenço, O.D. and P.L. Ferreira, "The Impact of Non-monetary Factors on the Primary Care Utilization in Portugal: Finite Mixture Models Applied to On-site and Truncated Samples, *Working Paper*, 2004.
- McCullagh, P. and J.A. Nelder. 1989. *Generalized linear models*, 2nd Edition. London: Chapman and Hall.
- McLachlan, G.J., and D. Peel. *Finite Mixture Models*, New York: John Wiley, 2000.
- Manning, W.G. "The Logged Dependent Variable, Heteroscedasticity, and the Retransformation Problem," *Journal of Health Economics* 17: 283-295, 1998.
- Manning, W.G., A. Basu, and J. Mullahy. "Generalized Modeling Approaches to Risk Adjustment of Skewed Outcomes Data," *Journal of Health Economics* 24: 465-488, 2005.
- Manning, W.G., N. Duan, and W.H. Rogers. "Monte Carlo Evidence on the Choice between Sample Selection and Two-part Models," *Journal of Econometrics* 35: 59-82, 1987a.
- Manning, W.G., J.P. Newhouse, et al. "Health Insurance and the Demand for Medical Care: Evidence from a Randomized Experiment,". *American Economic Review* 77(3):251-277, 1987b.
- Manning, W.G., and J. Mullahy. "Estimating Log Models: To transform or not to Transform?" *Journal of Health Economics* 20(4): 461-494, 2001.
- Mullahy, J. "Specification and Testing of Some Modified Count Data Models," *Journal of Econometrics* 33: 341-365, 1986.
- Mullahy, J. "Heterogeneity, Excess Zeros, and the Structure of Count Data Models," *Journal of Applied Econometrics* 12: 337-350, 1997.
- Mullahy, J. "Much Ado about Two: Reconsidering Tetra-transformation and the Two-part Model in Health Econometrics," *Journal of Health Economics* 17: 247-281, 1998.

- Newhouse, J.P., et al. *Free-for-all: Health Insurance, Medical Costs, and Health Outcomes: the Results of the Health Insurance Experiment*. Cambridge: Harvard University Press, 1993.
- Norton, E.C., G.S. Bieler, S.T. Ennett, and G.A. Zarkin. "Analysis of Prevention Program Effectiveness with Clustered Data Using Generalized Estimating Equations," *Journal of Consulting and Clinical Psychology* 64(5):919–926, 1996.
- Norton, E.C., R.C. Lindrooth, and S.L. Ennett. "How Measures of Perception from Survey Data Lead to Inconsistent Regression Results: Evidence from Adolescent and Peer Substance Use," *Health Economics* 12(2):139–148, 2003.
- Norton, E.C., H. Wang, and C.R. Ai. "Computing interaction effects and standard errors in logit and probit models," *The Stata Journal* 4(2):154-167.
- Park, R. "Estimation with Heteroscedastic Error Terms," *Econometrica* 34: 888, 1966.
- Pohlmeier, W. and V. Ulrich. "An Econometric Model of the Two-Part Decision-making Process in the Demand for Health Care," *Journal of Human Resources* 30: 339-361, 1995.
- Poirier, D.J. "The use of the Box-Cox transformation in limited dependent variable models," *Journal of the American Statistical Association* 73(362): 284-287, 1978.
- Pregibon, D. "Goodness of Link Tests for Generalized Linear Models," *Applied Statistics* 29: 15-24, 1980.
- Pregibon, D. "Logistic Regression Diagnostics," *Annals of Statistics* 9: 705-724, 1981.
- Schellhorn, M. "The Effect of Variable Health Insurance Deductibles on the Demand for Physician Visits," *Health Economics*, 10, 441-456, 2001.
- Taylor, J. M. "The Retrtransformed Mean after a Fitted Power Transformation." *Journal of the American Statistical Association* 81: 114-118, 1986.
- Tobin, J. "Estimation of Relationships for Limited Dependent Variables," *Econometrica* 26: 24-36, 1958.
- Tu, W. X.H. Zhou, "A Wald Test Comparing Medical Costs Based on Log-normal Distributions with Zero Valued Costs," *Statistics in Medicine* 30;18(20):2749-61, 1999.
- van de Ven, W.P., B.M. van Praag. "Risk Aversions of Deductibles in Private Health Insurance: Application of an Adjusted Tobit Model to Family Health Care Expenditures," in J. van der Gaag and M. Perlman, eds., *Health, Economics, and Health Economics*. Amsterdam: North Holland, 1981.
- Wang, P., I.M. Cockburn, and M.L. Puterman. "Analysis of Patent Data - A Mixed Poisson Regression Model Approach," *Journal of Business and Economic Statistics* 16, 27-36, 1998.
- Wedel, M., W.S. Desarbo, J.R. Bult and V. Ramaswamy. "A Latent Class Poisson Regression Model for Heterogeneous Count Data," *Journal of Applied Econometrics* 8, 397-411, 1993.
- Winkelmann, R. "Duration Dependence and Dispersion in Count-Data Models," *Journal of Business and Economic Statistics* 13, 467-474, 1995.

- Wooldridge, J.M. "On the Application of Robust, Regression-based Diagnostics to Models of Conditional Means and Conditional Variances," *Journal of Econometrics* 47: 5-46, 1991.
- Zhou XH, S. Gao, S.L. Hui. "Methods for comparing the means of two independent log-normal samples," *Biometrics* 53(3):1129-35, 1997.

### ***Survival and Censored Cost Papers***

- Bang, H., and A.S. Tsiatis. "Estimating Medical Costs with Censored Data," *Biometrika* 87(2); 329-343, 2000.
- Basu, A., W.G. Manning, and J. Mullahy. "Comparing Alternative Models: Log vs. Cox Proportional Hazard?" *Health Economics* 13(8): 749-765, 2004.
- Dudley RA, Harrell Jr. FE, Smith LR. *et al.* "Comparison of analytic models for estimating the effect of clinical factors on the cost of coronary artery bypass graft surgery," *Journal of Clinical Epidemiology* 46(3): 261-271, 1993.
- Fenn, P, McGuire A, Phillips V. *et al.* "The analysis of censored treatment cost data in economic evaluation," *Medical Care* 33(8): 851-863, 1995.
- Etzioni RD, Feuer EJ, Sullivan SD, *et al.* "On the use of survival analysis techniques to estimate medical care costs," *Journal of Health Economics* 18: 365-380, 1999.
- Hallstrom A, Sullivan SD. "On estimating costs for economic evaluation in failure time studies," *Medical Care* 36(3): 433-436, 1998.
- Jain, A.K., and R.L. Strawderman. "Flexible hazard regression modeling for medical cost data." *Biostatistics* 3:101-118, 2002.
- Jiang, H., and X.H. Zhou, "Bootstrap confidence intervals for medical costs with censored observations," *Statistics in Medicine*, 23(21): 3365-3376, 2004.
- Lin, D.Y. "Linear regression analysis of censored medical costs," *Biostatistics* 1(1):35-47, 2000.
- Lin, D.Y. "Proportional means regression for censored medical costs," *Biometrics* 56(3):775-8, 2000.
- Lin, D.Y. "Regression analysis of incomplete medical cost data," *Statistics in Medicine* 22(7):1181-200, 2003.
- Lipscomb J, Ancukiewicz M, Parmigiani G., *et al.* "Predicting the cost of illness: A comparison of alternative models applied to stroke," *Medical Decision Making* 18(2): S39-S56, 1998.
- O'Hagan, A., and J.W. Stevens. "On Estimators of Medical Costs with Censored Data," *Journal of Health Economics* 23: 615-625, 2004.
- Raikou, M., and A.McGuire. "Estimating Medical Costs Under Conditions of Censoring," *Journal of Health Economics* 23: 443-470, 2004.
- Willan, AR, D.Y, Lin, and A. Manca. "Regression methods for cost-effectiveness analysis with censored data," *Statistics in Medicine* 24:131-145, 2005