Referências bibliográficas

AMEMIYA, T. **A Note on a Heteroscedastic Model**. *Journal of Econometrics*, 6: 365-370, 1977.

ATHERINO, R.S. **Um modelo em espaço de estado para estimativa de IBNR: revisitando De Jong & Zehnwirth. 2005**. Dissertação (Mestrado em Engenharia Elétrica) – Pontifícia Universidade Católica do Rio de Janeiro, Rio de Janeiro, 2005.

ATHERINO, R.S.; PIZZINGA, A.; FERNANDES, C.A.C. **Row-wise stacking of the runoff triangle: state space alternatives for IBNR reserve prediction**. *Artigo submetido para publicação.* Instituto de Gestão de Riscos Financeiros e Atuariais da PUC-Rio (IAPUC), 2010.

BILLINGSLEY, P. **Probability and Measure**. 3ª edição. Wiley, 1995.

BROCKWELL, P.J.; DAVIS, R.A. **Introduction to Time Series and Forecasting.** 2ª edição. New York. Springer-Verlag, 2002.

CHRISTOFIDES, S. **Regression models based on log-incremental payments.** In: CLAIMS RESERVING MANUAL, VOL.2. Institute of Actuaries, 1990.

DAVIDSON, R.; MACKINNON, J. **Econometric Theory and Methods**. Oxford, 2004.

DE JONG, P. **Forecasting Runoff Triangles.** *North American Actuarial Journal*, p. 10, 2, 28-38, 2006.

DE JONG, P.; ZEHNWIRTH, B. **Claims reserving, state-space models and the Kalman filter**. *Journal of the Institute of Actuaries*, 110: 157-181, 1983.

DE JONG, P.; PENZER, J. **Diagnostic shocks in time series.** *Journal of the American Statistical Association*, 93: 796-806, 1998.

DE JONG, P.; HELLER, G.Z. **Generalized Linear Models for Insurance Data.** Cambridge, 2008.

Dicionário de Seguros. www.irb-brasilre.com.br/cgi/dicionario/index.cfm, acessado em 13 de agosto de 2009.

DORAY, L. **IBNR reserve under a loglinear location scale regression model.** In: CAS Forum Spring, p. 607-652, 1994.

DURBIN, J.; KOOPMAN, S.J. **Time Series Analysis by State Space Methods**. *Oxford Statistical Science Series*, 2001.

ENGLAND P.D.; VERRALL, R.J. **Standard errors of prediction in claims reserving: A comparison of methods**. In: General Insurance Convention & Astin Colloquium, Vol. 1, p. 459-478. Institute of Actuaries, 1998.

ENGLAND, P.D.; VERRALL, R.J. **A flexibile framework for stochastic claims reserving.** *Casualty Actuarial Society*, 88:1-38, 2001.

ENGLAND, P.D.; VERRALL, R.J. **Stochastic claims reserving in general insurance.** *Journal of the Institute of Actuaries*, 129:1-76, 2002.

GREENE, W.H. **Econometric analysis**. 5ª edição, New York: MacMillan, c2003. 827p.

HARVEY, A.C. **Forecasting, Structural Time Series Models and The Kalman Filter**. *Cambridge University Press*, 1989.

HARVEY, A.C.; PHILLIPS, G.D.A. **The estimation of regression models with autogressive-moving average disturtubances**. *Biometrika*, 66: 49-58, 1979.

HAYASHI, F. **Econometrics**. Princeton, 2000.

JOHNSTON, J.; DINARDO, J.E. **Econometric methods**. 4ª edição. New York: McGraw-Hill Pub. Co., 1997. 531p.

KAAS, R.; GOOVAERTS, M.; DHAENE, J.; DENUIT, M. **Modern Actuarial Risk Theory: Using R.** Springer, 2009.

KREMER, E. **IBNR claims and the two-way model of ANOVA.** *Scandinavian Actuarial Journal*, 1982.

KOOPMAN, S.J. **Exact Initial Kalman Filtering and Smoothing for Nonstationary Time Series Models.** *Journal of the American Statistical Association*, 92: 1630-1638, 1997.

KOOPMAN, S.J.; DURBIN, J. **Filtering and Smoothing of State Vector for Diffuse State-Space Models**. *Journal of Time Series Analysis*, Vol. 24, No. 1: 85-98, 2003.

MACK, T. **Measuring the variability of chain ladder reserve estimates.** In: Casualty Actuarial Society Spring Forum, p. 101-182, 1993.

MACK, T. **Which stochastic model is underlying the chain ladder method?** *Insurance: Mathematics and Economics*, 15: 133-138, 1994.

OXMETRICS SOFTWARE – http://www.oxmetrics.net/pages/software.html, acessado em março de 2008.

RENSHAW, A.E.; VERRALL, R.J. **A stochastic model underlying the chain-ladder technique.** *British Actuarial Journal*, 4, IV: 903-923, 1998.

SHAO, J. **Mathematical Statistics**. 2ª edição. Springer, 2003.

SHUMWAY, R.H.; STOFFER, D.S. **Time Series Analysis and Its Applications (With R Examples).** 2ª edição. Springer, 2006.

TAYLOR, G.C.; ASHE, F.R. **Second Moments of Estimates of Outstanding Claims**. *Journal of Econometrics*, 23: 37-61, 1983.

TAYLOR, G. **Loss Reserving: an Actuarial Perspective**. Springer, 2000.

TAYLOR, G. **Loss reserving: Past, present and future.** The University of Melbourne. 2003.

TAYLOR, G.; MCGUIRE, G. **Loss reserving with GLMs: A Case Study**. *Casualty Actuarial Society Discussion Paper Program*, p. 327-391, 2004.

TEUGELS, Jozef (Ed.); SUNDT, Bjorn (Ed.). **Encyclopedia of Actuarial Science.** Wiley, 2004. 3 v.

THE R PROJECT FOR STATISTICAL COMPUTING. http://cran.r-project.org/, acessado em outubro de 2008.

VERRALL, R. **A state space representation of the chain ladder linear model.** *Journal of the Institute of Actuaries*, 116: 589-610, 1989.

VERRALL, R. **Statistical Methods for the Chain Ladder Technique**. *Casualty Actuarial Society Spring Forum*, 1994, p. 393-445.

VERRALL, L. **An investigation into stochastic claims reserving and the chain-ladder technique**. *Insurance: Mathematics and Economics*, 26: 91-99, 2000.

WHITE, H. **A Heteroscedasticity-Consistent Covariance Matrix Estimator and a Direct Test for Heteroscedasticity**. *Econometrica*, 48: 817-838, 1980.

WOOLDRIDGE, J.M. **Introductory econometrics: a modern approach.** 2ª edição. Australia: South-Western College Publishing c2000. 824 p.