

REFERÊNCIAS

- Baillie, R.T.; DeGennaro, R.P. Stock Returns and Volatility. *Journal of Financial and Quantitative Analysis*, 25, pp. 203-214. 1990.
- Bali, T. G.; Demirtas, K. O.; Levy, H. Is There an Intertemporal Relation between Downside Risk and Expected Returns?. *Journal of Financial and Quantitative Analysis*, 44, v. 4, pp. 883-909. 2009.
- Bali, T. G.; Robert F. Engle. The Intertemporal Capital Asset Pricing Model with Dynamic Conditional Correlations. *Journal of Monetary Economics*, 57, pp. 377–390. 2010.
- Barros, L. A.; Famá, R.; Silveira, B. P. Conceito de Taxa Livre de Risco e sua Aplicação no Capital Asset Pricing Model – Um Estudo Explorativo para o Mercado Brasileiro. Trabalho apresentado no **2º Encontro Brasileiro de Finanças, da Sociedade Brasileira de Finanças**, 2002. Disponível em <http://bibliotecadigital.fgv.br/ocs/index.php/ebf/2EBF/paper/viewFile/1667/778>. Acesso em: 14/3/2013.
- Brigham, E. F.; Ehrhardt, M. C. **Financial Management: Theory and Practice**. South-Western Cengage Learning, 13^a edition. 2009.
- Bernstein, P. L. **Desafio aos Deuses: A Fascinante História do Risco**. Editora Campos, 2^a edição. 1997.
- Bonomo, M. A. C.; Domingues, G. B. Os puzzles invertidos no mercado brasileiro de ativos. In: Bonomo, M. (Ed.), *Finanças aplicadas ao Brasil*. Rio de Janeiro: Fundação Getulio Vargas, pp. 105-120. 2002.
- Campbell, J.Y.; Hentschel, L. No news is good news: an asymmetric model of changing volatility in stock returns. *Journal of Financial Economics*, 31, pp. 281–318. 1992.
- Campbell, J.Y. Stock returns and the term structure. *Journal of Financial Economics*, 18, pp. 373–399. 1987.
- Carr, P.; H. Geman; D, B Madan; and M. Yor. The Fine Structure of Asset Returns: An Empirical Investigation. *Journal of Business*, 75, pp. 305-332. 2002.

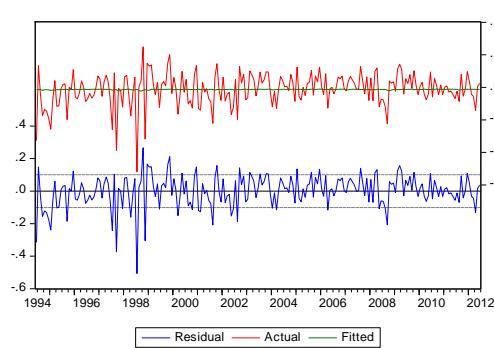
- Cornish E.; Fisher R. Moments and cumulants in the specification of distributions. *Review of the International Statistical Institute*, pp. 307-320. 1937.
- Cysne, R. P. Equity-Premium Puzzle: Evidence from Brazilian Data. *Economia Aplicada*, V. 10, 2, pp. 161-180. 2006.
- Dittmar, R. F. Nonlinear Pricing Kernels, Kurtosis Preference, and Evidence from the Cross Section of Equity Returns. *Journal of Finance*, 57, pp. 369-403. 2002.
- Favre, L.; Galeano, J. A. Mean-modified Value-at-Risk optimization With Hedge Funds. *Journal of Alternative Investment*, 5, pp. 21-35. 2002.
- Fama, E. F.; French, K.R. The Cross-Section of Expected Stocks Returns. *Journal of Finance*, 47, pp. 427-465. 1992.
- Fama, E. F.; French, K.R. Common Risk Factors in the Returns of Stocks and Bonds. *Journal of Financial Economics*, 33, pp. 3-56. 1993.
- French, K.R.; Schwert, W.; Stambaugh, R.F. Expected Stock Returns and Volatility. *Journal of Financial Economics*, 19, pp. 3–29. 1987.
- Ghysels, E.; P. Santa-Clara; R. Valkanov. There is a Risk-Return Trade-Off After All. *Journal of Financial Economics*, 76, pp. 509-548. 2005.
- Glosten, L.R.; Jagannathan, R.; Runkle, D.E. On the relation between the expected value and the volatility of the nominal excess return on stocks. *Journal of Finance*, 48, pp. 1779–1801. 1993.
- Guo, H.; R. Whitelaw. Uncovering the Risk-Return Relation in the Stock Market. *Journal of Finance*, 61, pp. 1433-1463. 2006.
- Hansen, B. E. Autoregressive Conditional Density Estimation. *International Economic Review*, V. 35, 3, pp. 705-730. 1994.
- Harvey, C. R.; A. Siddique. Conditional Skewness in Asset Pricing Tests. *Journal of Finance*, 55, pp. 1263-1295. 2000.
- Issler, J. V.; Piqueira, N. S. Estimating relative risk aversion, the discount rate and the intertemporal elasticity of substitution in consumption for Brazil using three types of utility functions. *Brazilian Review of Econometrics*, V. 20, 2, pp. 201-239. 2000.
- Jorion P. **Value at Risk: the new benchmark for controlling market risk.**
Chicago. Irwin. 1997.
- Levy, Haim; Marshall Sarnat. Safety First – An Expected Utility Principle. *Journal of Financial and Quantitative Analysis*, 7, pp. 1829–1834. 1972.

- Lintner, J. The Valuation of Risky Assets and the Selection of Risky Investments in Stock Portfolios and Capital Budgets. *Review of Economics and Statistics*, 47, pp. 13-37. 1965a.
- Lintner, J. Security Prices, Risky and Maximal Gains from Diversification. *Journal of Finance*, 20, pp. 587-615. 1965b.
- Markowitz, H.M. Portfolio Selection. *Journal of Finance*, v. 7, pp. 77-91. 1952.
- Markowitz, H.M. **Portfolio Selection: Efficient Diversification of Investment.** New York. John Wiley. 1959.
- Mehra, R.; Prescott, E. C. The Equity Premium: a Puzzle. *Journal of Monetary Economics*, 15, pp. 145-161. 1985.
- Mehra, R. The Equity Premium: Why is it a Puzzle?. *National Bureau of Economic Research*, Working Paper 9512. 2003.
- Merton, R. C. An Intertemporal Capital Asset Pricing Model. *Econometrica*, 41, pp. 867-887. 1973.
- Merton, R. C. On Estimating the Expected Return on the Market: An Exploratory Investigation. *Journal of Financial Economics*, 8, pp. 323-361. 1980.
- Mossin, J. Equilibrium in a Capital Asset Market. *Econometrica*, 34, pp.768-783. 1966.
- Nelson, D.B. Conditional heteroskedasticity in asset returns: a new approach. *Econometrica*, 59, pp. 347–370. 1991.
- Neto, A. A.; Lima, F. G.; Araújo, A. M. P. Uma Proposta Metodológica para o Cálculo do Custo de Capital no Brasil. *Revista de Administração da Universidade de São Paulo*, v. 43, 1:72-83. 2008.
- Ross, S. The Arbitrage Theory of Capital Asset Pricing. *Journal of Economic Theory*, 13, pp. 341-360. 1976.
- Roy, A. D. Safety First and the Holding of Assets. *Econometrica*, 20, pp. 431-449. 1952.
- Sharpe, W.F. Capital Asset Prices: A Theory of Market Equilibrium under Conditions of Risk. *Journal of Finance*, 19, pp. 425-442. 1964.
- Turner, C.M.; Startz, R.; Nelson, C.R. A markov model of heteroskedasticity, risk, and learning in the stock market. *Journal of Financial Economics*, 25, pp. 3–22. 1989.
- Yoshino, J. A.; Catalão, A. B. **The equity premium puzzle: Brasil e Estados Unidos.** FEA-USP, Universidade de São Paulo, Mimeo. 2004.

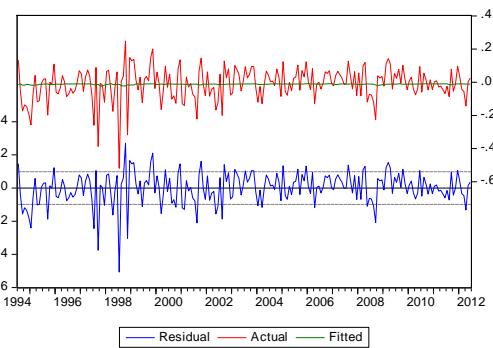
7 ANEXOS

Anexo 1 – Resíduos das regressões antes da inclusão das variáveis dummies (usando o VaR não paramétrico estimado em diversos intervalos)

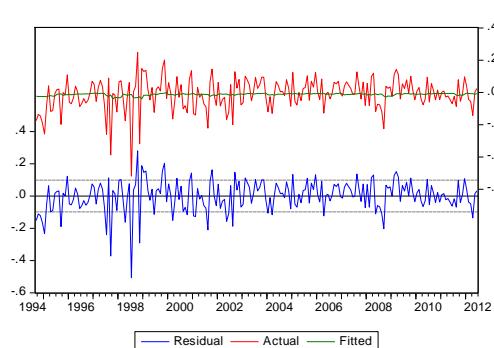
Resíduos da Reg. com Var Não Paramétrico – 1 mês



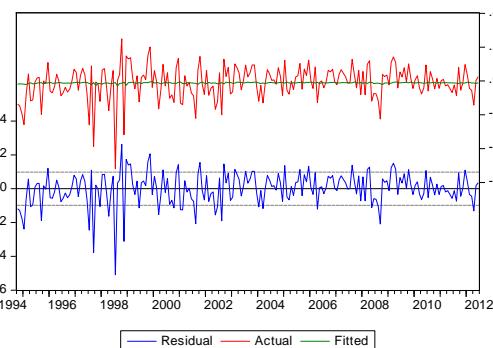
Resíduos da Reg. com Var Não Paramétrico – 2 meses



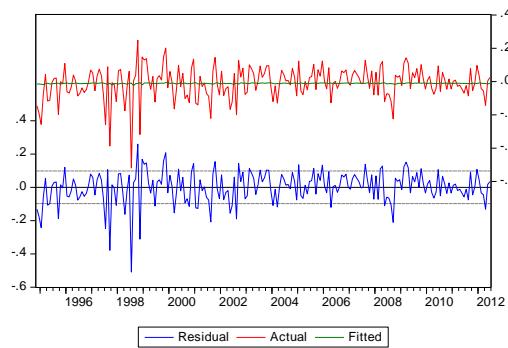
Resíduos da Reg. com Var Não Paramétrico – 4 meses



Resíduos da Reg. com Var Não Paramétrico – 5 meses

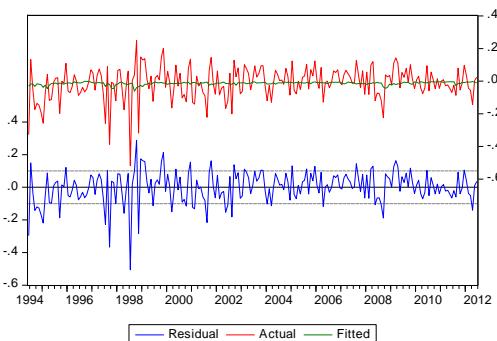


Resíduos da Reg. com Var Não Paramétrico – 6 meses

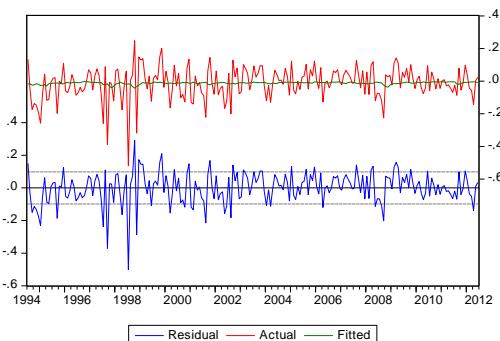


**Anexo 2 – Resíduos das regressões antes da inclusão das variáveis dummies
(usando o VaR paramétrico estimado em diversos intervalos)**

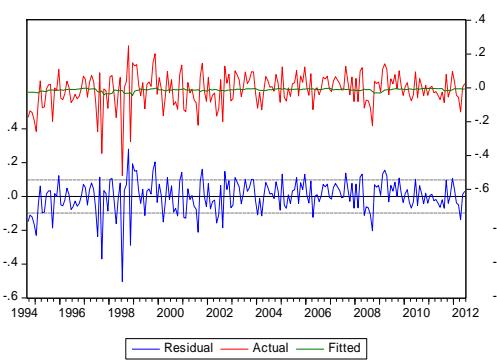
Resíduos da Reg. com Var Paramétrico – 1 mês



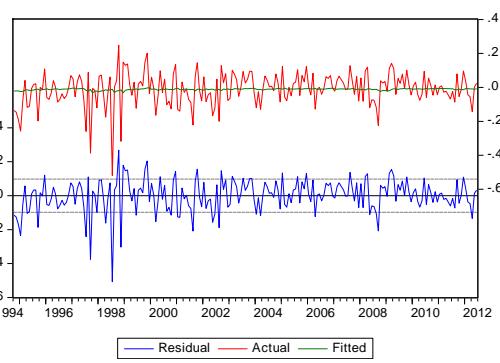
Resíduos da Reg. com Var Paramétrico – 2 meses



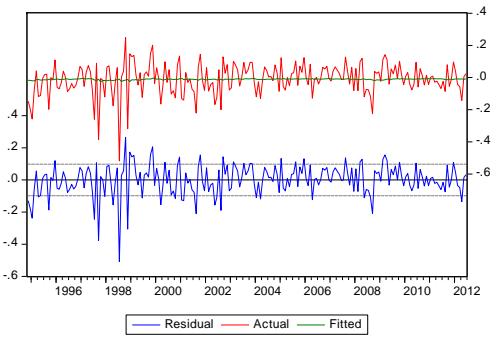
Resíduos da Reg. com Var Paramétrico – 4 meses



Resíduos da Reg. com Var Paramétrico – 5 meses



Resíduos da Reg. com Var Paramétrico – 6 meses



Anexo 3 – Resultados das regressões utilizando retornos com frequência diária e VaR paramétrico (complemento da tabela 9)

Número de Dias (α)	Intervalo	Intercepto (ω)	VaRPt	RDt	R ² Ajustado
42 du ($\alpha = 2,38\%$)	31/7/1994 a 30/7/2012	-0,0103 (0,01)	-0,0241 (-0,75)	0,0360 (1,23)	0,1%
	1/1/2003 a 30/7/2012	-0,0002 (-0,13)	0,0094 (0,18)	-0,0054 (-0,18)	0,0%
	1/1/2010 a 30/7/2012	-0,0041 (-2,02)**	0,1214 (1,58)	0,0030 (0,06)	0,3%
84 du ($\alpha = 1,19\%$)	30/9/1994 a 30/7/2012	0,0212 (0,02)	-0,0224 (-0,73)	0,0354 (1,20)	0,1%
	1/1/2003 a 30/7/2012	-0,0008 (-0,46)	0,0213 (0,49)	-0,0054 (-0,18)	0,0%
	1/1/2010 a 30/7/2012	-0,0052 (-2,41)**	0,1323 (1,99)**	0,0015 (0,03)	0,6%
105 du ($\alpha = 0,95\%$)	31/10/1994 a 30/7/2012	-0,0004 (-0,34)	-0,0099 (-0,34)	0,0352 (1,17)	0,1%
	1/1/2003 a 30/7/2012	-0,0010 (-0,59)	0,0254 (0,61)	-0,0054 (-0,18)	0,0%
	1/1/2010 a 30/7/2012	-0,0059 (-2,69)***	0,1459 (2,28)**	-0,0005 (-0,01)	0,8%

* , ** e *** representam estatísticas significativas a 10%, 5% e 1%, respectivamente.