

CV of VICTOR J. YOHAI

April 2011

Born: February 22, 1939, Buenos Aires, Argentina

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1. EDUCATION

- University of Buenos Aires, Argentina. Graduated in Mathematics, 1962
- University of California, Berkeley, USA. Ph. D. in Statistics, 1969

2. CURRENTLY

- Professor of Statistics (Emeritus), Department of Mathematics, School of Exact and Natural Sciences, University of Buenos Aires, Buenos Aires, Argentina
- Senior Researcher of CONICET (Consejo Nacional de Investigaciones Científicas y Técnicas) of Argentina

3. PERIODICALS

- Associate Editor of the Annals of Statistics, 1983-1986.
- Associate Editor of REBRAPE, Brazilian Journal of Probability and Statistics 1988-
- Associate Editor of TEST Journal of the Spanish Statistical Society 1991-
- Associate Editor of the Journal of Statistical Planning and Inference 2001-2008

4. HONORS

- Simon Guggenheim Memorial Foundation Fellowship 1986
- Mathematical Award of the Argentinean National Academy of Exact, Physical and Natural Sciences. 1994
- Member of the Argentinean National Academy of Exact, Physical and Natural Sciences. 2000-
- Fellow of the Institute of Mathematical Statistics, 2002
- Award "Bernardo Houssay", SECyT (Secretaría de Ciencia y Técnica), Argentina, 2003
- Award Konex in Matemáticas, Argentina, 2003
- Doctor Honoris Causa, Universidad Carlos III de Madrid, Spain, 2006
- Emeritus Professor of the University of Buenos Aires, Argentine, 2006

5. PUBLIC SERVICE

- Vice-president of the Argentinean Statistical Society, 1980-1982.
- President of the Argentinean Statistical Society 1983-1984.
- Member of the Latin American Regional Committee of the Bernoulli Society, 1980-1984.
- Member of the Council of the International Statistical Institute, 1987-1992.
- Member of the Elections Committee of the International Statistical Institute 1997-1998

- Member of the Council of the Bernoulli Society, 2001- 2005
- Member of the Nominations Committee of the Institute of Mathematical Statistics,, 2001.

6. INVITED TALKS

- Latin-American Congress on Probability and Mathematical Statistics of the Bernoulli Society, Caracas, Venezuela, 1981
- Robust Time Series, Heidelberg, Germany, 1983
- Robust Statistical Workshop, Oberwolfach, Germany, 1984
- Latin American Meeting of the Bernoulli Society, Caracas, Venezuela, 1984
- Robustness and Diagnostic, IMA, Minneapolis, USA, 1989
- Latin American Meeting of the Bernoulli Society. Montevideo, Uruguay, 1988
- Latin American Meeting of the Bernoulli Society. Ciudad de Mexico, Mexico, 1990
- First Ibero American Congress of Statistics, Cáceres, Spain, 1992
- New Directions in Statistical Data Analysis and Robustness. Ascona, Switzerland, 1992.
- Workshop on Robustness and Data Analysis, Princeton, USA, 1994
- Robust Statistics, Data Analysis and Computer Intensive Statistical Methods, Bayreuth, Germany, 1994
- COMPSTAT 96 Computational Statistics, Barcelona, Spain, 1996
- Workshop on Statistical Methodology for the Sciences, Ascona, Switzerland, 1999.
- Data Analysis, Robustness, and Foundation of Statistics. A Symposium on the Occasion of Frank Hampel's 60th Birthday. Zurich, Switzerland, 2001
- ICORS 2001, International Conference on Robust Statistics, Vorau, Austria, 2001
- ICORS 2002, International Conference on Robust Statistics, Vancouver, Canada, 2002
- Escola de Regreção, Conservatoria, Brasil, 2003
- ICORS 2003, International Conference on Robust Statistics, Antwerp, Belgium, 2003.
- ICORS 2004, Beijing, China, 12-16 de julio del 2004,
- CLAPEM 2004, Punta del Este, Uruguay, 22-26 marzo del 2004,
- DREAM 2005, Developments in Statistical Methodology: **D**iagnostics **R**obustness **E**xploration and **M**odelling., Milton Keynes, United Kingdom., 2005.
- ICORS 2005, International Conference on Robust Statistics, Jibaskyla, Finland, 2005
- 3rd IASC world conference on Computational Statistics & Data Analysis Cyprus, 2005
- Robust Statistics and R, Treviso, Italy, 2005
- 7th International Conference on Teaching Statistics, Bahia, Brazil, 2006
- Internacional Conference on Robust Statistics, Lisboa, Portugal, 2006.
- Compstat 2008, Oporto, Portugal, 2008
- Internacional Conference on Robust Statistics, Antalya, Turkey, 2008.
- Internacional Conference on Robust Statistics, Parma, Italy, 2009
- Internacional Conference on Robust Statistics, Prague, Check Republic, 2010
- International Conference of the **ERCIM** WG on. COMPUTING & STATISTICS

7. PUBLICATIONS

1. Víctor J. Yohai. "Asymptotically optimal Bayes designs of experiments for estimation". *The Annals of Statistics*, vol. 1, pag.822-837, 1973.
2. Víctor J. Yohai. "Robust estimation in the linear model". *The Annals of Statistics*, vol. 2, pag. 562-567, 1974.
3. Ricardo Maronna and Víctor J. Yohai. "Location estimators based on linear combinations of modified order statistics". *Communications in Statistics*, vol. 5, pag. 481-486, 1976.
4. Víctor J. Yohai and Ricardo Maronna. "Asymptotic behavior of the least squares estimator for autoregressive processes with infinite variance". *The Annals of Statistics*, vol 5, pag. 554-560, 1977.
5. Ricardo Maronna and Víctor J. Yohai. "A bivariate test for detection of systematic change in mean". *Journal of the American Statistical Association*, vol. 73, pag. 640-645, 1978.
6. Ruben Klein and Víctor J. Yohai. "Asymptotic behavior of M-estimates for location". *Boletín de la Sociedad Brasileira de Matemáticas*, vol. 10, pag. 27-42, 1979.
7. Ricardo Maronna, Oscar Bustos and Víctor J. Yohai. "Bias and efficiency robustness of general M-estimators for regression with random carriers". En *Smoothing techniques for curve estimation*. Editores T. Gasser, and M. Rosenblatt. Lectures Notes in Mathematics No. 757, pag. 91-111, Springer Verlag, 1979.
8. Víctor J. Yohai and Ricardo Maronna. "Asymptotic behavior of M-estimates for the linear model". *The Annals of Statistics*, vol. 7, pag. 258-268, 1979.
9. Marta García Ben and Víctor J. Yohai. "Multivariate analysis of variance in a randomized block design when covariances matrices are unequal". *Biometrics*, vol. 36, pag. 127-133, 1980.
10. Ruben Klein and Víctor J. Yohai. "Iterated M-estimators for the linear model". *Communication in Statistics, Theory and Methods*, vol. 10, pag 2373-2388, 1981.
11. Ricardo Maronna and Víctor J. Yohai. "Asymptotic behavior of general M-estimators for regression and scale with random carriers " *Zeitschrift für Wahrscheinlichkeitstheorie und verwandte Gebiete.*, vol 58, pag. 7-20, 1981.
12. Marta García Ben and Víctor J. Yohai. "Canonical variables as optimal predictors". *The Annals of Statistics*, vol. 8, pag. 865-869, 1980.

13. Douglas Martin and Víctor J. Yohai. "Robustness in time series and estimating ARMA models". Trabajo invitado en *Handbook of Statistics*, editores E. Hannan, P. R. Krishnaiah and M. M. Rao. Elsevier, Amsterdam, pag. 119-125, 1984.
14. Peter Rousseeuw and Víctor J. Yohai. "Robust regression by means of S-estimators". En *Robust and nonlinear time series*, editores Franke, Hardle and Martin. Lectures Notes in Statistics, vol. 29, pag. 256-272, Springer Verlag, New York, 1984.
15. Douglas Martin and Víctor J. Yohai. "Gross errors sensitivities of GM- and RA-estimators". En *Robust and nonlinear time series*, editores, Franke, Hardle and Martin. Lectures Notes in Statistics, vol. 29, pag. 198-217, Springer Verlag, New York, 1984.
16. Oscar Bustos, Ricardo Fraiman and Víctor J. Yohai. "Asymptotic behavior of the estimates based on residual autocovariances for ARMA models" En *Robust and nonlinear time series*, editores, Franke, Hardle and Martin. Lectures Notes in Statistics, vol. 29, pag. 26-49, Springer Verlag, New York, 1984.
17. Víctor J. Yohai, Werner Ackerman and C. Haigh. "Nonlinear Principal components". *Quality and Quantity*, vol 19, pag. 53-71, 1985.
18. Oscar Bustos and Víctor J. Yohai. "Robust estimates for ARMA models". *Journal of the American Statistical Association*, vol. 81 pag. 155-168, 1986.
19. Douglas Martin and Víctor J. Yohai. "Influence functionals for time series" . Trabajo especial invitado con discusion en *The Annals of Statistics*, vol. 14, pag. 781-818, 1986.
20. Nelida Ferretti and Víctor J. Yohai." Efficiency of tests based on weighted rankings for equality of treatment effects in a complete randomized blocks layout". *Communications in Statistics, Theory and Methods*, vol 15, pag. 1179-1200, 1986.
21. Víctor J. Yohai. "High breakdown-point and high efficiency M-estimates for regression". *The Annals of Statistics*, vol. 15, pag. 642-656, 1987
22. Nélide Ferretti and Víctor J. Yohai. "Tests based in weighted rankings in complete blocks: exact distribution and Monte Carlo simulation". *Communications in Statistics, Theory and Methods*, vol. 16, pag. 642-656, 1987.
23. Graciela Boente, Ricardo Fraiman and Víctor J. Yohai. "Qualitative robustness for general stochastic processes". *Annals of Statistics*, vol. 15, pag. 1293-1312, 1987.
24. Víctor J. Yohai and Ruben Zamar. "High breakdown-point estimates of regression by means of the minimization of an efficient scale". *Journal of the American Statistical Association*, vol. 83, pag. 406-413, 1988.
25. R. D. Martin and Víctor J. Yohai. "Fisher consistency of AM-estimates of the autoregression parameter using hard rejection filter cleaners". In *Topics in Non-*

Gaussian Signal Processing, editors: Wegman, Schwartz and Thomas, pag. 118-127. Springer Verlag, New York, 1988.

26. R. D. Martin, Víctor J. Yohai and Rubén Zamar "Min-Max Robust Regression". *Annals of Statistics*, vol. 17, pag. 1608-1630, 1989.
27. Ricardo Maronna and Víctor J. Yohai. "The maximum bias of robust covariances", *Communications in Statistics, Theory and Methods*, vol. 19, pag. 3925-3933, 1990.
28. Víctor J. Yohai and Ruben H. Zamar. "Bounded influence estimation in the errors in variables model". En *Statistical Analysis of Measurement Error Models and Applications*, editores W. S. Fuller and P. Brown, Contemporary Mathematics, American Mathematical Society, vol. 112, pag. 243-248, 1990.
29. Ricardo Maronna and Víctor J. Yohai. "The breakdown point of simultaneous general M-estimate of regression and scale", *Journal of the American Statistical Association*, vol.86, pag. 699-703, 1991.
30. Werner Stahel, Víctor J. Yohai. and Ruben H. Zamar "A procedure for robust estimation and inference in regression". En *Directions in Robust Statistics and Diagnosis*, Part II, editores Werner Stahel and Sanford Weisberg, IMA volumes in Mathematics and its Applications vol. 34, pag. 365-374, 1991.
31. Ricardo A. Maronna and Víctor J. Yohai. "Recent results on bias robust regression estimates". En *Directions in Robust Statistics and Diagnosis*, Part I, IMA volumes in Mathematics and its Applications, vol 33, pag 221-232, 1991.
32. R. Douglas Martin and Víctor J. Yohai. "Bias robust estimation of autoregression parameters". En *Directions in Robust Statistics and Diagnosis*, Part I, editores Werner Stahel and Sanford Weisberg, IMA volumes in Mathematics and its Applications vol. 33, pag. 233-247, 1991.
33. Nélide Ferretti, Diana Kelmansky and Víctor J. Yohai. "Robust estimates for ARMA models based on ranks". *Communications in Statistics, Theory and Methods*, vol.20, pag. 3879-3902, 1991.
34. Víctor J Yohai and Rubén H Zamar. Discussion of "Least median of squares estimation in power systems" by L. Mili, V. Phaniraj and P.J. Rousseeuw, "*IEEE Transactions on Power Systems*", vol. 6, 1991.
35. Raul P. Mentz and Víctor J. Yohai. "Sobre la historia de la enseñanza de la estadística en las universidades argentinas". *Estadística Española*, vol. 33, pag 533-558.
36. Marta García Ben and Víctor J. Yohai. "Robust analysis of variance for a randomized block design", *Communications in Statistics, Theory and Methods*, vol. 21, pag 1779-1798, 1992.

37. Ricardo Maronna , Werner Stahel and Víctor J. Yohai "Robust-bias estimates for multivariate scatter based on projections". *Journal of Multivariate Analysis*, vol.42, pag. 141-163, 1992.
38. Andrew G. Bruce, R. Douglas Martin, and Víctor J. Yohai "Two new robust methods for time series". *COMPSTATIO*, (Symposium on Computational Statistics, Dodge, Yadolah (ed.) and Whittaker, Joe (ed.) , Physica-Verlag , Heidelberg, vol. 1, pag. 321-326 ,1992.
39. Ricardo Maronna and Víctor J. Yohai. "Bias -robust estimates of regression based on projections". *Annals of Statistics*, vol 21, pag. 965-990, 1993.
40. Ricardo Maronna and Víctor J. Yohai and Rubén Zamar. "Bias-robust regression estimation: a partial survey". En *New directions in statistical data analysis and robustness*, eds S. Morgenthaler, Editors Ronchetti and W. A. Stahel., Birkhauser, Basilea, pag. 157-176, 1993.
41. Victor Yohai and Ruben Zamar "A minimax-bias property of the least- α -quantile-estimates". *Annals of Statistics*, vol 21, pag. 1824-1842, 1993.
42. Jorge Adrover, Ana Bianco and Victor Yohai."Efficiency of MM- and τ -estimates for finite sample size". *Statistics and Probability Letters*, vol. 19, pag. 409-415, 1994.
43. Ricardo Maronna and Víctor J. Yohai. "The behavior of the Stahel-Donoho robust multivariate estimator". *J. Amer. Stat. Assoc.*, vol. 90 pag 330-341, 1995.
44. Daniel Peña and Víctor J. Yohai. "The detection of influential subsets in linear regression using an influence matrix". *Journal of the Royal Statistical Society*, series B, vol. 47, pag. 145-156, 1995.
45. Nélide Ferretti, Diana Kelmansky and Víctor J. Yohai. " A goodness-of-fit test based on ranks for ARMA models". *Communications in Statistics*, vol. 24, pag. 295-318, 1995.
46. Ana Bianco, Marta Garcia Ben, Martinez and Yohai. "Robust procedures for regression models with ARIMA errors". *COMPSTAT 96, Proceeding of Computational Statistics*. Ed. Albert Prat, pags. 27-38, Physica-Verlag, Heidelberg, 1996.
47. Ana Bianco and Víctor J. Yohai. "Robust estimation in the logistic regression model". En *Robust Statistics, Data Analysis and Computer Intensive Methods*, Proceedings of the workshop in honor of Peter J. Huber, editor H. Rieder, Lecture Notes in Statistics No. 109, pag 17-34 Springer-Verlag, New York, 1996.
48. Víctor J. Yohai. "Local and global robustness of regression estimators". *Journal of Statistical Planning and Inference*, vol. 57, pag. 73-92, 1997.
49. Ricardo Maronna and Víctor J. Yohai. "Robust Estimation in Simultaneous Equations Models". *Journal of Statistical Planning and Inference*, vol. 57, pag. 233-244, 1997

50. Víctor J. Yohai and Rubén Zamar, R. H. . “Optimal locally robust M--estimates of regression”. *Journal of Statistical Planning and Inference*, vol. 64, pag. 309-323, 1997.
51. Ricardo Maronna and Víctor J. Yohai. “Robust estimation of multivariate location and scatter”. *Encyclopedia of Statistical Sciences*, Update, vol. 2, año 1997, pag. 589-596, 1998.
52. Daniel Gervini and Víctor J. Yohai. “Robust estimation of variance components”. *Canadian Journal of Statistics*, vol. 26, pag. 419-430, 1998.
53. Douglas G. Simpson and Víctor J. Yohai. “Functional stability of one--step GM--estimators in linear regression.”. *Annals of Statistics*, vol. 26, pag. 1147-1169, 1998.
54. Marta García Ben, Elena Martínez and Víctor J. Yohai. “Robust Estimation in Vector ARMA Models”. *Journal of Time Series*, vol. 20. pag 381-399, 1999.
55. Ricardo A. Maronna and Víctor J. Yohai Comment on “Multivariate L_1 -estimation” by A. Cuevas and R. Fraiman, *Test*, 8, 301-302 , 1999
56. Daniel Peña and Víctor J. Yohai. “A fast procedure for outlier diagnostics in large regression problems”. *Journal of the American Statistical Association* . vol. 94, pag. 434-445, 1999.
57. Nélide Ferretti, Diana Kelmansky, Víctor Yohai and Ruben H. Zamar. “A Class of Locally and Globally Robust Regression Estimates”. *Journal of the American Statistical Association* vol. 94, pag. 174-188, 1999.
58. Ricardo Maronna, Matías Salibian Barrera and Víctor J. Yohai. “Improving bias-robustness of regression estimates through projections”. *Statistics and Probability Letters*, vol. 47, pag. 149-158, 2000.
59. Ricardo A. Maronna and Víctor J. Yohai. “Robust regression with both continuous and categorical predictors”. *Journal of Statistical Planning and Inference*, vol. 89, pag. 197-214, 2000.
60. Jorge Adrover and Víctor Yohai. “Simultaneous redescending M-estimates of regression and scale”. *Communications in Statistics, Theory and Methods*, vol. 29, pag. 243-262, 2000.
61. Ricardo Fraiman, Víctor J. Yohai and Ruben H. Zamar. “Optimal M-estimates of Location”. *Annals of Statistics*, vol 29, pag. 194-223, 2001.
62. Ana Bianco, Marta García Ben, Elena Martínez and Víctor J. Yohai. “Outlier detection in regression models with ARIMA errors”. *Journal of Forecasting*, vol. 20, pag. 565-579, 2001.
63. Jorge Adrover, Ana Bianco and Víctor J. Yohai. “Approximate τ -Estimates for Linear Regression Based on Subsampling of Elemental Sets”. En *Statistical in Genetics and*

Environmental Sciences, ed. L. Turrin Fernholtz. S.Morgenthaler and W. Stahel, pag. 173-183, Birkhäuser Verlag, Basilea, 2001.

64. Marta García Ben, Ana J. Villar and Víctor J. Yohai “Robust Estimation in Vector Autoregressive Models Based on a Robust Scale”. *Estadística*. vol. 53, pag. 397-434, 2001.
65. Jorge Rabinovich, Nicolás Schweigmann, V. J. Yohai, and Cristina. Wisnivesky-Colli. “Probability of Trypanosoma cruzi transmission by Triatoma infestans”. *American Journal of Tropical Medicine and Hygiene*, vol 65, pag 125-130, 2001.
66. Nora Muler and Víctor J. Yohai. “Robust Estimates for ARCH Processes”. *Journal of Time Series*, vol. 23, pag. 341-375, 2002.
67. Daniel Gervini and Víctor J. Yohai. “A class of robust and fully efficient regression estimators”. *Annals of Statistics*, vol 30, pag. 583-616, 2002.
68. Jorge Adrover, Ricardo Maronna and Víctor J. Yohai. “Relationships between maximum depth and projection estimates”. *Journal of Statistical Planning and Inference*. vol. 105, pag. 363-375, 2002.
69. Jorge Adrover and Víctor J. Yohai. “Projection estimates of multivariate location”, *Annals of Statistics*, vol 30, pag. 1760-1781, 2002.
70. Marcela Svarc, Víctor J. Yohai and Ruben H. Zamar. “Optimal bias robust M-estimates of regression”. En *Statistical Data Analysis Based on the L1 Norm and Related Methods*. Ed. Yadolah Dodge, pag. 191-200, Birkhäuser, Basilea, 2002.
71. R. Maronna and Víctor J. Yohai. Comment on “Inconsistency of Resampling Algorithms for High-Breakdown Regression Estimators and a New Algorithm”, by D.M. Hawkins and D.J. Olive, *Journal of the American Statistical Association*, vol. 97, 2002.
72. Sonia Hernandez Alonso and Víctor J. Yohai. “Combining locally and globally robust estimates of regression.”. *Journal of Statistical Planning and Inference*. vol. 113, pag. 633-661, 2003.
73. Jorge Adrover Ricardo A. Maronna Víctor J. Yohai. “Robust regression quantiles” *Journal of Statistical Planning and Inference*. vol. 122, pag. 187-202., 2004
74. Alfio Marazzi and Víctor J. Yohai. “Adaptively truncated maximum likelihood regression with asymmetric errors”. *Journal of Statistical Planning and Inference*. vol. 122, pag. 271-291. 2004.
75. Marta García Ben and Víctor J. Yohai. “Quantile-Quantile Plot for Deviance Residuals in the Generalized Linear Model”. *Journal of Computational and Graphical Statistics*. vol 13, pag, 36-47, 2004.
76. Víctor J. Yohai and R. H. Zamar. Robust non parametric inference for the median. *The Annals of Statistics*, vol. 32, pag. 1841-1857, 2004.

77. Alfio Marazzi and Víctor J. Yohai. "Robust Box-Cox transformations for simple regression". En *Theory and Applications of Recent Robust Methods*, Ed. Hubert, Pison, Struyf and Van Aast , Birkhauser, Basilea, Suiza, pag. 1-12, 2004.
78. Jorge Adrover and Víctor J. Yohai. "Bias behavior of the Minimum Volume Ellipsoid Estimator". En *Theory and Applications of Recent Robust Methods*, Ed. Hubert, Pison, Struyf and Van Aast , Birkhauser, Basilea, Suiza, pag. 173-182, 2004.
79. Ana Bianco, Marta García Ben and Víctor J. Yohai. "Robust estimation for regression with asymmetric errors". *Canadian Journal of Statistics*, vol. **33**, 528-533, 2005.
80. Daniel Peña and Víctor J. Yohai. "A Dirichlet random coefficient regression model for estimating attribute weights in quality Indicators". *Journal of Statistical Planning and Inference*, vol, **136**, pag. 942-961, 2006
81. Alfio Marazzi and Víctor J. Yohai . "Robust Box-Cox transformations based on minimum residual autocorrelation." *Computational Statistics and Data Analysis*, vol 50, 2752-2768, 2006
82. Marta García Ben, Elena Martínez and Víctor J. Yohai. "Robust estimation for the multivariate linear model based on a tau-scale". *Journal of Multivariate Analysis*, 2006, vol . 97, 1600-1622
83. Matías Salibian Barrera and Víctor J. Yohai. "A fast algorithm for S-regression estimates". *Journal of Computational and Graphical Statistics*, vol. 15, 414-427, 2006.
84. Matías Salibian and Víctor J. Yohai "High breakdown point robust regression with censored data. *Annals of Statistics*, 8, vol. 36, No. 1, 118-146., 2008
85. Nora Muler and Víctor J. Yohai Robust Estimates for GARCH Models. *Journal of Statistical Planning and Inference*, vol. **138**, 2918-2940, 2008.
86. Víctor J. Yohai. "Optimal robust estimates using the Kullback-Leibler divergence". *Statistics & Probability Letters*, vol. **78**, 1811-1816, 2008..
87. Ricardo A. Maronna and Víctor J. Yohai . "Robust Low-Rank Approximation of Data Matrices With Elementwise Contamination". *Technometrics*, vol. **50**, 295-304, 2008
88. Marcela Svarc, Víctor J. Yohai. "The Choice of the Initial Estimate for Computing MM-Estimates ", en *Proceedings of COMPSTAT'2008, International Conference on Computational Statistics*, Editor P.Brito, 503-516, Physica-Verlag, Heidelberg.
89. Alfio Marazzi, Ana J. Villar, and Víctor J. Yohai. "Robust response transformations based on optimal prediction.". *J. Amer. Stat. Assoc.*, vol . **104** , 360-370, 2009.

90. Fatemah Alqallaf, Stefan Van Aelst, Victor J. Yohai and Ruben H. Zamar. "Propagation of outliers in multivariate data", *Annals of Statistics*, **37**, 311-331, 2009.
91. Nora Muler, Daniel Peña and Víctor J. Yohai "Robust estimation for ARMA models". *Annals of Statistics*, vol . **37**, 816-840 , 2009.
92. María E. Szretter and Víctor J. Yohai . "The sliced inverse regression algorithm as a maximum likelihood procedure", *Journal of Statistical Planning and Inference*, **139**, 3570-3578, 2009.
93. Ricardo A. Maronna and Víctor J. Yohai "Correcting MM estimates for "fat" data sets". *Journal of Computational Statistics and Data Analysis*, **54**, 3168-3173, 2010.
94. Jorge A. Adrover and Víctor J. Yohai." A new projection estimate for multivariate location with minimax bias". *Journal of Multivariate Analysis*, 101, 1400-1411, 2010
95. Alfio Marazzi and Víctor Yohai "Optimal robust estimates using the Hellinger distance" *Advances in Data Analysis and Classification*, 2010
96. Griselda Vallejo, Darío Maschi, Ana C. Mestre-Citrinovitz , Kazuhiro Aiba, Ricardo Maronna, Victor J. Yohai, Minoru Ko, Miguel Beato, Patricia Saragüeta. "Changes in global gene expression during in vitro decidualization of rat endometrial stromal cells.", *Journal of Cellular Physiology*, **222**, 127-137
97. Isabella Locatelli, Alfio Marazzi y Víctor J. Yohai. "Robust accelerated failure time regression". *Journal of Computational Statistics and Data Analyssi*, **56**, 874-887, 2011.
98. Andrea Bergesio y Víctor J. Yohai ""Projection Estimates for Generalized Linear Models" To appear in the *Journal of the American Statistical Association*, 2011
99. María V. Fasano, Ricardo A. Maronna, Mariela Sued and Víctor J. Yohai. "Continuity and Differentiability of regression M functionals". To appear in *Bernoulli*, 2011.

8. BOOKS

Ricardo Maronna, Douglas Martin and Víctor J. Yohai. Robust Statistics: Theory and Methods, Wiley, Chichister, 2006

9. THESIS SUPERVISOR

Thesis adviser the following Ph. D. students

- Maronna, Ricardo, University of Buenos Aires., 1974
- Fraiman, Ricardo, University of Buenos Aires, 1980

- Boente, Graciela, University of Buenos Aires, 1983
- Ferretti, Nélica, University of La Plata, 1984
- Bianco, Ana, University of Buenos Aires, 1989
- García Ben, Marta, University of Buenos Aires, 1988.
- Kelmansky, Diana, University of Buenos Aires, 1990
- Adrover, Jorge, University of Buenos Aires, 1993.
- Gervini, Daniel, University of Buenos Aires, 1999.
- Hernandez Alonso, Sonia,.University Carlos III, Madrid, España, 1999.
- Martínez, Elena, University of Buenos Aires 1999.
- Villar, Julia, University of Buenos Aires, 2000
- Svarc, Marcela, University of Buenos Aires, 2006 .
- Bergesio, Andrea, 2007, University of Buenos Aires,