

Lista de Referencias
Taller CIES

1 Información General

Nombre del Taller: Econometría de Series de Tiempo
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2 Referencias

La econometría ha evolucionado de manera importante en los últimos 15-20 años y consecuentemente debemos hacer algunas priorizaciones debido al corto tiempo del curso. Una lista de referencias (no exhaustiva) es otorgada con la finalidad de completar detalles o profundizar en ciertos temas de mayor interés del estudiante. Ningún libro es obligatorio como manual del curso. Sin embargo, el material dictado en las clases teóricas y prácticas es el material fundamental para la comprensión y el éxito del curso. A continuación se presenta una lista de referencias (libros y papers). Es necesario notar que la lista de papers incluye aplicaciones empíricas en la mayoría de los casos.

2.1 Libros

1. Anderson, T. W. (1971), *The Statistical Analysis of Time Series*, John Wiley & Sons.
2. Banerjee, A., J. J. Dolado, J. W. Galbraith and D. F. Hendry (1993), *Cointegration, Error Correction and the Econometric Analysis of Non Stationary Data*, Oxford University Press.
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4. Enders, W. (2004), *Applied Econometric Time Series*, John Wiley Second Edition.
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11. Hendry, D. F. (1997), *Dynamic Econometrics*, Oxford University Press.
12. Johansen, S. (1999), *Likelihood-Based Inference in Cointegrated Vector Autoregressive Models*, Oxford University Press.
13. Juselius, K. (2006), *The Cointegrated VAR Model: Methodology and Applications*, Oxford University Press
14. Kim, Ch.-J. and Ch. R. Nelson (1999), *State-Space Models with Regime Switching*, MIT Press.
15. Maddala, G. S. and I. M. Kim (1998), *Unit Roots, Cointegration and Structural Change*, Cambridge University Press.
16. Mills, T. C. (1990), *Time Series Techniques for Economists*, Cambridge University Press.
17. Mills, T. C. (1993), *The Econometric Modelling of Financial Time Series*, Cambridge University Press.
18. Winkelman, R. (2008), *Econometric Analysis of Count Data*, 5ta Edición, Springer.
19. Wooldridge, J. M. (2000), *Introduction to Econometrics, A Modern Approach*, South-Western College Publishing, Thompson Learning.

2.2 Papers

2.2.1 Tests de Raiz Unitaria

1. Banerjee, A., R. Lunsdaine, and J. H. Stock (1992), "Recursive and Sequential Tests of the Unit Root and Trend Break Hypothesis," *Journal of Business and Economic Statistics* **10**, 271-288.
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3. Christiano, L. (1992), "Searching for Breaks in GNP," *Journal of Business and Economic Statistics* **10**, 237-250.
4. Elliott, G., T. J. Rothenberg and J. H. Stock (1996), "Efficient Tests for an Autoregressive Unit Root," *Econometrica* **64**, 813-836.

5. Niels Haldrup, and Morten Ørregaard Nielsen, 2007, "Estimation of Fractional Integration in the Presence of Data Noise", *Computational Statistics and Data Analysis* **51**, 3100-3114.
6. Kwiatkowski, D., P. C. B. Phillips, P. Schmidt, and Y. Shin (1992), "Testing the Null Hypothesis of Stationarity against the Alternative of a Unit Root: How sure are we that economic time series have a unit root," *Journal of Econometrics* **54**, 159-178.
7. Nelson, C. R. and C. I. Plosser (1982), "Trends and Random Walks in Macroeconomic Time Series: Some Evidence and Implications," *Journal of Monetary Economics* **10**, 139-162.
8. Ng, S. and P. Perron (1995), "Unit Root tests in ARMA Models with Data Dependent Methods for the Selection of the truncation Lag," *Journal of the American Statistical Association* **90**, 268-281.
9. Ng, S. and Perron, P. (2001), "Lag Length Selection and the Construction of Unit Root Tests with Good Size and Power," *Econometrica* **69**, 1519-1554.
10. Perron, P. (1989), "The Great Crash, the Oil Price Shock and the Unit Root Hypothesis," *Econometrica* **57**, 1361-1401.
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12. Perron, P. (1994), "Trend, Unit Root and Structural Change in Macroeconomic Time Series," in *Cointegration for the Applied Economist*, B. B. Rao (Editor), Macmillan Press, 113-146.
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14. Perron, P. and S. Ng (1996), "Useful Modifications to Some Unit Root Tests with Dependent Errors and their Local Asymptotic Properties," *Review of Economic Studies* **63**, 435-463.
15. Perron, P. and G. Rodríguez (2003), "Efficient Unit Root Tests and Structural Change," *Journal of Econometrics* **115**, 1-27.
16. Perron, P. and G. Rodríguez (2003), "Searching for Additive Outliers in Nonstationarity Time Series," *Journal of Time Series Analysis*, **24**(2), 193-220.
17. Perron, P. and T. Vogelsang (1992), "Nonstationarity and Level Shifts with an Application to Purchasing Power Parity," *Journal of Business and Economic Statistics* **12**, 471-478.
18. Phillips, P. C. B. and P. Perron (1988), "Testing for a Unit Root in Time Series Regression," *Biometrika* **75**, 335-346.
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2.2.2 Modelos VAR

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3. Galí, J. (1992), “How well does the IS-LM Model Fit Postwar Data?,” *Quarterly Journal of Economics* **107**, 709-735.
4. Lutkepohl, H. (1999), “Vector Autoregression,” Unpublished manuscript, Institut for Statistik und Okonometrie, Humboldt-Universitat Zu Berlin.
5. Watson, M. W. (1994), “Vector Autoregression and Cointegration,” in *Handbook of Econometrics*, Vol. 4, R. F. Engle and D. MacFaden, Editors, Elsevier.

2.2.3 VAR y Cointegracion

1. Engle, R. F. and C. W. J. Granger (1987), “Co-Integration and Error Correction: Representation, Estimation and Testing,” *Econometrica* **55**, 251-276.
2. Granger, C. W. J. and P. Newbold (1974), “Spurious Regression in Econometrics,” *Journal of Econometrics* **2**, 111-120.
3. Hansen, B. E. (1992), “Efficient Estimation and Testing of Cointegration Vectors in the Presence of Deterministic Trends,” *Journal of Econometrics* **53**, 87-121.
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2.2.4 Volatilidad: Modelos ARCH, GARCH y otros

1. Bollerslev, T. (1986), "Generalised Autoregressive Conditional Heteroskedasticity," *Journal of Econometrics* **31**, 307-27.
2. Engle, R. F. (1982), "Autoregressive Conditional Heterocedasticity with Estimates of the Variance of United Kingdom", *Econometrica* **50** (4), 987-1007.
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2.2.5 Forma Espacio Estado, Filtro de Kalman y Descomposición de Tendencia y Ciclo

1. Beveridge, S. and C. R. Nelson (1981), “A New Approach to Decomposition of Economic Time Series into Permanent and Transitory Components with particular attention to measurement of the business cycle,” *Journal of Monetary Economics* **7**, 151-174.
2. Clark, P. K. (1987), “The Cyclical Component of U.S. Economic Activity,” *Quarterly Journal of Economics* **102**, 798-814.
3. Engle, R. F. and M. W. Watson (1987), “The Kalman Filter: Applications to Forecasting and rational Expectations Models,” In *Advances in Econometrics*, Vol. 1, Fifth World Congress, T. F. Bewley (Editor), Econometric Society Monograph # 13, 245-285 (more references in this paper).
4. Harvey, A. C. (1987), “Applications of the Kalman Filter in Econometrics,” in *Advances in Econometrics*, Vol. 1, T. F. Bewley (Editor), Econometric Society Monograph # 13, 285-313.
5. Rodríguez, G. (2005), “Estimates of Permanent and Transitory Components for Canadian Regions using the Friedman’s Plucking Model of Business Fluctuations,” *Canadian Journal of Regional Science* **27** (1), 61-78.
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2.2.6 Introducción a Modelos No Lineales I: Modelos Markov-Switching

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2. Hamilton, J. D. (1989), “A New Approach to the Economic Analysis of Nonstationary Time Series and the Business Cycle,” *Econometrica* **57**, 357-384.
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2.2.7 Introducción a Modelos No Lineales II: Modelos “Smooth Transition Autoregressive” (STAR)

1. Dijk, D. V., T. Teräsvirta and P. H. Franses (2002), “Smooth Transition Autoregressive Models-A Survey of Recent Developments,” *Econometric Reviews* **21**, 1-47.

2. Rodríguez, G., and M. Sloboda (2005), “Modeling Non-Linearities in Quarterly Revenues of U. S. Telecommunications Industry,” *Structural Change and Economic Dynamics* **16**, 137-158.
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