International Finance and Markets Econ4415/5502 Semester 2 2018

PAPERS TO BE PRESENTED AND READING

PRESENTATION OF PAPERS AND THE REPORT

Requirements

- Papers available for presentation are indicated by § in the Reading List given in the next section.
- Each student is to provide:
 - (i) A written report on the assigned paper of no more than 2,000 words on the assigned paper. This report is due on the day of the last lecture, viz., Thursday 25 October
 - (ii) A presentation to the class of 20-30 minutes.
 - (iii) A handout for all students, to be distributed at the beginning of the presentation. This should be no longer than one A4 page use both sides of the page and reduce the material to fit up to four pages on one piece of paper if needed. Include on the handout details of the paper being presented, the date of the presentation and your name.
- This item is worth a total of 20 percent of the overall assessment for the unit. The written report will be graded out of 10 and presentation and summary handout out of 10
- Who is to present what and when are to be decided in the first couple of weeks of the semester.
- On the cover page of the report, include the following information: International Finance and Markets 4415/5502, details of the paper being discussed, and your full name and student number.
- Prior to your presentation, you are welcome to consult with me on Wednesdays 2 –
 5pm, to clarify matters. It is helpful if you bring with you your draft PowerPoint slides.
- Following your presentation, email me (<u>ken.clements@uwa.edu.au</u>) your slides and the handout. These will be uploaded to LMS.

The Nature of the Presentation and the Report

- In broad terms, the written report and presentation should include a statement of the problem, a summary of the paper and its strengths and weaknesses.
- The report should be written according to usual academic standards. All ideas and material from other sources should be acknowledged and source material should be referenced fully. To indicate that this approach has been followed, include the following certification on the title page:

Unless otherwise acknowledged, this report represents my original work. Signature of Student (Name of Student).

- Give the word count on the title page.
- Write clearly.

Advice on Presenting

- When using PowerPoint slides, be aware that some people have difficulty reading them. Certain combinations of colours can also present a problem for some people. Use an appealing layout and do not include too much material on each slide. Use large font. As graphs and figures are difficult to display professionally on slides, you need to be extra careful with these to ensure that your audience can understand them. Under no circumstances should slides contain tables of a large number of figures taken directly from a published document they simply don't "work" at conveying information in a clear and crisp manner.
- Do not read your notes. It is much more effective to talk to them.
- Speak clearly.
- Practice your presentation several times before the real thing. Try tape-recording your practice sessions to see how you sound. Try video recording to see how you look.
- To avoid wasting time on the day (and additional stress to you), check the computer and projector in the case study room before the presentation.
- Take the presentation seriously, but do not get overly anxious.

For further advice on presenting, see D. Lindsay <u>A Guide to Scientific Writing</u>. Second edition. Melbourne: Longman, 1995, pp. 85-91.

II. READING LIST

For some topics, this reading list is extensive and not everything has to be read. I will give detailed guidance to the reading in lectures. Copies of articles marked with an asterisk (*) are available in the book <u>Readings in International Finance and Markets</u>. A § indicates the paper is available for presentation.

1. PURCHASING POWER PARITY

- * § Balassa, B. (1964). "The Purchasing Power Parity Doctrine: A Reappraisal." <u>Journal of Political Economy</u> 72: 584-96.
 - Baxter, M., and A. Landry, A (2017). "IKEA: Product, Pricing and Pass-Through." Research in Economics 71: 507- 20.
 - Bhagwati, J. (1984). "Why are Services Cheaper in the Poor Countries?" <u>Economic Journal</u> 94: 279-86.
- * Callen, T. (2007). "PPP Versus the Market: Which Weight Matters." Finance and Development 44: 50-51.
 - Cassel, G. (1918). "Abnormal Deviations in International Exchanges." <u>Economic Journal</u> 28: 413-15.
 - (1921). <u>The World's Monetary Problems</u>. London: Constable.
 - Press. (1928). <u>Post-War Monetary Stabilization</u>. New York: Colombia University
 - Cavallo, A., B. Neiman and R. Rigobon (2014). "Currency Unions, Product Introductions, and the Real Exchange Rate." <u>Quarterly Journal of Economics</u> 129: 529-95.
 - and R. Rigobon (2016). "The Billion Prices Project: Using Online Prices for Measurement and Research." <u>Journal of Economic Perspectives</u> 30: 151-78.
- * Clements, K. W. (1981). "The Monetary Approach to Exchange Rate Determination: A Geometric Analysis." Weltwirtschaftliches Archiv 117: 20-29.
- and Y. Lan, (2004). "How Long is the Long Run? Evidence from the Foreign Exchange Market." in H. Pan, D. Sorette and K. Kortanek (eds) Intelligent Finance:

 A Convergence of Mathematical Finance with Technical and Fundamental Analysis:

 Proceedings of the First International Workshop on Intelligent Finance, Melbourne, pp. 74-88.
- * ______, Y. Lan and S. P. Seah (2012). "The Big Mac Index Two Decades On: An Evaluation of Burgernomics." <u>International Journal of Finance and Economics</u> 17: 31-60. Reproduced in <u>Currencies, Commodities and Consumption</u>. Cambridge: Cambridge University Press, 2013. Pp. 13-125.
 - _____, Y. Lan and J. Si (2018). "Uncertainty in Currency Mispricing." <u>Applied Economics</u> 50: 2297-312.
 - and M. Semudram (1983). "An International Comparison of the Price of Nontraded Goods." <u>Weltwirtschaftliches Archiv</u> 119: 356-63.
 - and J. Si (2017). "Simplifying the Big Mac Index." <u>Journal of International</u> Financial Management and Accounting 28: 86-99.

- _____, J. Si and L. Vo (2017). "Food and Agricultural Prices across Countries and the Law of One Price." Economics Discussion Paper 17.04, Business School, The University of Western Australia.
- Crucini, M. and M. Shintani (2008). "Persistence in Law-of-One-Price Derivations: Evidence from Micro-data." <u>Journal of Monetary Economics</u> 55: 629–44.
- Dimand, R. W. (2013). "David Hume and Irving Fisher on the Quantity Theory of Money in the Long Run and the Short Run." <u>European Journal of the History of Economic Thought</u> 20: 284-304.
- * Dornbusch, R. (1988). "Purchasing Power Parity." In <u>The New Palgrave: A Dictionary of Economics</u>. New York: Stockton Press. Reprinted in his <u>Exchange Rates and Inflation</u> (1988). Pp. 265-92.
 - Fisher, I. (1912). <u>Elementary Principles of Economics</u>. New York: Macmillan. Reprinted in W.J. Barber (ed) <u>The Works of Irving Fisher</u>. London: Pickering and Chatto, 1997. Vol. 5. ("Irving Fisher on the Quantity Theory.")
 - Frenkel, J. A. (1978). "Purchasing Power Parity: Doctrinal Perspective and Evidence from the 1920s." <u>Journal of International Economics</u> 8: 169-91.
 - _____ (1981a). "The Collapse of Purchasing Power Parities during the 1970's." <u>European Economic Review</u> 16: 145-65.
 - _____ (1981b). "Flexible Exchange Rates, Prices and the Role of News: Lessons from the 1970's." <u>Journal of Political Economy</u> 89: 665-705.
- Froot, K. A. and K. Rogoff (1995). "Perspectives on PPP and Long-Run Real Exchange Rates." In G. Grossman and K. Rogoff (eds) <u>Handbook of International Economics</u>. Volume 3. Amsterdam: North-Holland. Pp. 1647-88.
 - Haberler, G. (1936). The Theory of International Trade. London: William Hodge.
 - Harrod, R. (1939). "An Essay in Dynamic Theory." Economic Journal 49: 14-33.
 - Imbs, J., H. Mumtaz, M. O. Ravin and H. Rey (2005). "PPP Srikes Back: Aggregation and the Real Exchange Rate". Quarterly Journal of Economics 120: 1-43.
 - Lan, Y. (2002). "The Explosion of Purchasing Power Parity." In M. Manzur (ed) <u>Exchange Rates, Interest Rates and Commodity Prices</u>. London: Edward Elgar. Pp. 9-38.
 - Landry, A. (2008). "The Big Mac: A Global-to-Local Look at Pricing," Federal Reserve Bank of Dallas <u>Economic Letter</u> 3: September.
 - Lothian, J. R. (1985). "Equilibrium Relationships between Money and Other Economic Variables." <u>American Economic Review</u> 75: 828-35.
 - (2016). "Purchasing Power Parity and the Behavior of Prices and Nominal Exchange Rates across Exchange-Rate Regimes." <u>Journal of International Money and Finance</u> 69: 5-21.
 - Maesepp, M. N. (2009). "Postage Price Parity." Economic Papers 28: 169-75.
 - Manzur, M. (1990). "An International Comparison of Prices and Exchange Rates: A New Test of Purchasing Power Parity." <u>Journal of International Money and Finance</u> 9: 75-91.
 - (1993). Exchange Rates, Prices and World Trade: New Methods, Evidence and Implications. London and New York: Routledge.

- , ed, (2008). <u>Purchasing Power Parity</u>. Cheltenham, UK: Edward Elgar.
- Marsh I. W., E. Passari and L. Sarno (2012). "Purchasing Power Parity in Tradable Goods." In J. James, I. W. Marsh and L. Sarno (eds) <u>Handbook of Exchange Rates.</u> <u>Hoboken, NJ:</u> Wiley. Pp. 189-220.
- Ong, L. L. (1997). "Burgernomics: the Economics of the Big Mac Standard." <u>Journal of International Money and Finance</u> 16: 865-78.
- _____ (2003). The Big Mac Index: Applications of Purchasing Power Parity. London: Macmillan.
- * § Pakko, M. R., and S. Pollard (2003). "Burgernomics: A Big Mac Guide to Purchasing Power Parity." Federal Reserve Bank of St. Louis <u>Review</u> November/December: 9-28.
- * § Parsley, D. C., and S-J. Wei (2007). "A Prism into the PPP Puzzles: The Micro-Foundations of Big Mac Real Exchange Rates." <u>Economic Journal</u> 117:1336-56.
 - Ricardo, D. (1821). "Principles of Political Economy and Taxation." In E. C. Connor, ed. (G. Bell and Sons, London) 1911.
- * § Rogoff, K. (1996). "The Purchasing Power Parity Puzzle." <u>Journal of Economic Literature</u> 34: 647-68.
 - Samuelson, P. A. (1964). "Theoretical Notes on Trade Problems." <u>Review of Economics and Statistics</u> 46: 145-54.
 - Sarno, L., and E. Passari (2012). "Purchasing Power Parity in Tradable Goods." In J. James, I. W. Marsh and L. Sarno (eds). <u>Handbook of Exchange Rates. Hoboken, NJ:</u> Wiley. Pp. 189-220.
 - and M. P. Taylor (2002a). <u>The Economics of Exchange Rates</u>. Cambridge: Cambridge University Press. Chapter 3 "Purchasing Power Parity and the Real Exchange Rate".
 - Sjaastad, L. A. (1998). "On Exchange Rates, Nominal and Real." <u>Journal of International Money and Finance</u> 17: 407-39.
 - Taylor, A. M., and M. P. Taylor (2004). "The Purchasing Power Parity Debate." <u>Journal of Economic Perspectives</u> 18: 135-58.
 - Taylor, M. P. (2006). "Real Exchange Rates and Purchasing Power Parity: Mean–Revision in Economic Thought." <u>Applied Financial Economics</u> 16: 1-17.
- * The Economist (2018). "The Mac Strikes Back." January 20.

2. EXCHANGE RATES AND PRODUCTIVITY

- Almås, I. (2012). "International Income Inequality: Measuring PPP Bias by Estimating Engel Curves for Food." <u>American Economic Review</u> 102: 1093-1117.
- Bergin, P., R. Glick and A. M. Taylor (2006). "Productivity, Tradability and the Long-Run Price Puzzle." Journal of Monetary Economics 53: 2041-66.
- Bordo, M. D., E. Y. Choudhri, G. Fazio, and R. MacDonald (2017). "The Real Exchange Rate in the Long Run: Balassa-Samuelson Effects Reconsidered." <u>Journal of International Money and Finance</u> 75: 69-92

- Canzoneri, M. B., R. E. Cumby and B. Diba (1999). "Relative Labour Productivity and the Real Exchange Rate in the Long Run: Evidence for a Panel of OECD Countries." Journal of International Economics 47: 245-66.
- * Clements, K. W., and Y. Lan (2007). "Exchange Rates, Productivity, Poverty and Inequality." <u>Applied Economics</u> 39: 471-76.
 - Heston, A., D. A. Nuxoll and R. Summers (1994). "The Differential-Productivity Hypothesis and Purchasing-Power Parities: Some New Evidence." <u>Review of International Economics</u> 2: 227-43.
- * § Imai, H. (2018). "China's Rapid Growth and Real Exchange Rate Appreciation: Measuring the Balassa-Samuelson Effect." <u>Journal of Asian Economics</u> 54: 39 52.
 - Lan, Y. (2003a). "The Long-Term Behaviour of Exchange Rates, Part II: Aspects of Exchange-Rate Economics." Discussion Paper No. 03.06, Economics Program, The University of Western Australia.
 - Larsen, E. R. (2014). "Is the Engel Curve Approach Viable in the Estimation of Alternative PPPs?" Empirical Economics 47: 881–904.
- * Maddock, R., and I. McLean (1984). "Supply-Side Shocks: The Case of Australian Gold." Journal of Economic History 44: 1047-67
- * § Tille, C., N. Stoffels and O. Gorbachev (2001). "To What Extent Does Productivity Drive the Dollar?" Federal Reserve Bank of New York <u>Current Issues in Economics and Finance</u> 7, August.

3. REAL EXCHANGE RATES

- Battelino, R. (2010). "Mining Booms and the Australian Economy." Reserve Bank of Australia. Available at: http://www.rba.gov.au/speeches/2010/sp-dg-230210.html
- Bhattacharyya, S., and J. G. Williamson (2011). "Commodity Price Shocks and the Australian Economy since Federation." <u>Australian Economic History Review</u> 51: 150-77.
- Cavallo, A., B. Neiman and R. Rigobon (2014). "Currency Unions, Product Introductions, and the Real Exchange Rate". Quarterly Journal of Economics, 129: 529-95.
- Choi, K. H. (1990). "Essays in Economic Aspects of Protection." Discussion Paper No. 90.05, Department of Economics, The University of Western Australia.
- Clements, K. W., H. Y. Izan and Y. Lan (2009). "A Stochastic Measure of International Competitiveness." <u>International Review of Finance</u> 9: 51-81.
- and L. A. Sjaastad (1984). <u>How Protection Taxes Exporters</u>. Thames Essay No. 39. London: Trade Policy Research Centre.
- Corden, W. M., and J. P. Neary (1982). "Booming Sector and De-Industrialisation in a Small Open Economy." <u>Economic Journal</u> 92: 825-48.
- * Security Crucini, M. J., M. Shintani and T. Tsuruga (2010). "The Law of One Price without the Border: The Role of Distance versus Sticky Prices." <u>Economic Journal</u> 120: 462–80.
 - Crucini, M. J., C. I. Telmer, and M. Zachariadis (2005). "Understanding European Real Exchange Rates." <u>American Economic Review</u> 95: 724-38.

- Dornbusch, R. (1974). "Tariffs and Nontraded Goods." <u>Journal of International Economics</u> 4: 177-85. Reprinted in his <u>Exchange Rates and Inflation</u> (1988). Pp. 323-32.
- * _____ (1988). "Purchasing Power Parity." In <u>The New Palgrave Dictionary of Economics</u>. New York: Stockton Press. Reprinted in his <u>Exchange Rates and Inflation</u> (1988). Pp. 265-92. (See Topic 1)
 - _____ (1989). "Real Exchange Rates and Macroeconomics: A Selective Survey." Scandinavian Journal of Economics 91: 401-32.
 - Edwards, S. (1989). <u>Real Exchange Rates, Devaluation and Adjustment</u>. Cambridge: MIT Press.
 - Engel, C. (1993). "Real Exchange Rates and Relative Prices: An Empirical Investigation." Journal of Monetary Economics 32: 35-50.
 - (1999). "Accounting for US Real Exchange Rate Changes." <u>Journal of Political</u> <u>Economy</u> 107: 507-38.
 - § _____ and J. H. Rogers (1996). "How Wide is the Border?" <u>American Economic</u> Review 86: 1112-25.
 - Frankel, J. A. (2010). "The Natural Resource Curse: A Survey." NBER Working Paper 15836.
 - Gregory, R. G. (1976). "Some Implications of the Growth of the Mineral Sector." Australian Journal of Agricultural Economics 20: 71-91.
 - Helliwell, J. F. (1998). <u>How Much Do National Borders Matter</u>? Washington, D.C.: Brookings. Chapter 4 "Prices and Capital Market Linkages."
 - Metaxas, P. E., and E. J. Weber (2016). "An Australian Contribution to International Trade Theory: The Dependent Economy Model." <u>Economic Record</u> 92: 464-97.
 - Mussa, M. L. (1986). "Nominal Exchange Rate Regimes and the Behaviour of Real Exchange Rates: Evidence and Implications." <u>Carnegie-Rochester Conference Series</u> on Public Policy 25: 117-214.
 - _____ (1987). "The Exchange Rate Regime and the Real Exchange Rate." Paper presented to the Annual Meeting of the American Economic Association, New Orleans, Louisiana, December 27-30.
 - Neary, P. (1988). "The Determinants of the Equilibrium Real Exchange Rate." <u>American Economic Review</u> 78: 210-15.
 - _____ (2006). "Measuring Competitiveness." <u>Economic and Social Review</u> 37: 197–213.
 - Sjaastad, L. A., and M. Manzur (2003). "Import Protection, Capital Flows and Real Exchange Rate Dynamics." <u>Journal of Applied Economics</u> 6: 177 203.
 - Snape, R. H. (1977). "Effects of Mineral Development on the Economy." <u>Australian Journal of Agricultural Economics</u> 21: 147-56.
 - World Bank (2015). "Purchasing Power Parities and the Real Size of World Economies: A Comprehensive Report of the 2011 International Comparison Program." Washington, DC: World Bank. doi:10.1596/978-1-4648-0329-1.
- * The Economist (2005). "The Paradox of Plenty." December 24, pp. 58-59.

4. EQUILIBRIUM EXCHANGE RATES

- Clements, K. W., and Y. Lan (2010). "A New Approach to Forecasting Exchange Rates." Journal of International Money and Finance 29: 1424-37
- Edwards, S. (1989). "Exchange Rate Misalignment in Developing Countries." World Bank Research Observer 4: 3-21.
- Hinkle, L. E., and P. J. Montiel, eds, (1999). <u>Exchange Rate Misalignment: Concepts and Measurement for Developing Countries</u>. New York: World Bank.
- Lan, Y. (2003b). "The Long-Term Behavior of Exchange Rates, Part IV: Equilibrium Exchange Rates, Summary and Conclusions." Discussion Paper No. 03.10, Economics Program, The University of Western Australia.
- Lan, Y. (2006). "Equilibrium Exchange Rates and Currency Forecasts: A Big Mac Perspective." <u>International Economics and Finance Journal</u> 1: 291-311.
- MacDonald, R., and J. L. Stein (eds) <u>Equilibrium Exchange Rates</u>. Boston/Dordrecht/London: Kluwer Academic Publishers.
- The Economist (2007). "Misleading Misalignments." June 23, p. 82.
- Williamson, J., ed, (1994). <u>Estimating Equilibrium Exchange Rates</u>. Washington, DC: Peterson Institute for International Economics.
- Wren-Lewis, S., and R. L. Driver, eds, (1998). <u>Real Exchange Rates for the Year 2000</u>. Washington, DC: Peterson Institute for International Economics.

5. ALTERNATIVE APPROACHES TO EXCHANGE RATES

- Cenedese, G., and T. Stolper (2012). "Currency Fair Value Models." In J. James, I. W. Marsh and L. Sarno (eds) <u>Handbook of Exchange Rates</u>. Hoboken, NJ: Hoboken, N. J.: Wiley. Pp. 313-42.
- Cheung, Y-W., M. D. Chinn and I. W. Marsh, (2004). "How do UK-Based Foreign Exchange Dealers Think their Market Operates?" <u>International Journal of Finance and Economics</u> 9: 289-306.
- Chinn, M. D. (2012). "Macro Approaches to Foreign Exchange Determination." In J. James, I. W. Marsh and L. Sarno (eds) <u>Handbook of Exchange Rates</u>. Hoboken, NJ: Wiley. Pp: 45-67.
- * Clements, K. W., Y. Lan and J. Roberts (2008). "Exchange-Rate Economics for the Resources Sector." Resources Policy 33:102-17.
 - De Grauwe, P. (2005). Exchange Rate Economics: Where Do We Stand? Cambridge: MIT Press
 - Dornbusch, R. (1976). "Expectations and Exchange Rate Dynamics." <u>Journal of Political Economy</u> 84: 1161-76. Reprinted in his <u>Exchange Rates and Inflation</u> (1988). Pp. 61-78.
 - Edwards, S., and M. A. Savastano (2000). "Exchange Rates in Emerging Economies: What Do We Know? What Do We Need To Know?" In A. Krueger (Eds.) <u>Economic Policy Reform: The Second Stage</u>. Chicago: University of Chicago Press. Pp. 453-510.
 - Engel, C. (1996). "The Forward Discount Anomaly and the Risk Premium: A Survey of Recent Evidence." <u>Journal of Empirical Finance</u> 3:123-92.

- Fama, E. F. (2014). "Two Pillars of Asset Pricing." <u>American Economic Review</u> 104: 1467-85.
- Flood, R. P., and M. P. Taylor (1996). "Exchange Rate Economics: What's Wrong with the Conventional Macro Approach?" In J. A. Frankel, G. Galli and A. Giovannini, eds, <u>The Microstructure of Foreign Exchange Markets</u> Chicago: The University of Chicago Press. Pp. 261-94.
- Frankel, J. A, and A. K. Rose (1995). "Empirical Research on Nominal Exchange Rates." In G. Grossman and K. Rogoff (eds) <u>Handbook of International Economics</u>, Volume 3, Amsterdam: North Holland. Pp. 1689-1729.
- Frenkel, J. A. (1981). "Flexible Exchange Rates, Prices and the Role of 'News': Lessons from the 1970's." <u>Journal of Political Economy</u> 89: 665-705.
- and M. Mussa (1980). "The Efficiency of Foreign Exchange Markets and Measures of Turbulence." American Economic Review 70: 374-81.
- Hansen, L. P., and Hodrick, R. J. (1980). "Forward Exchange Rates as Optimal Predictors of Future Spot Rates: An Econometric Analysis." <u>Journal of Political Economy</u> 88: 829-53.
- Isard, P. (1995). Exchange Rate Economics. Cambridge: Cambridge University Press.
- * § Krugman, P. (1993). "Recent Thinking about Exchange Rate Determination and Policy." In A. Blundell-Wignall (ed), <u>The Exchange Rate</u>, <u>International Trade and The Balance of Payments</u>. Sydney: Reserve Bank of Australia. Pp 6-21.
- * § Lothian, J. R. (1985). "Equilibrium Relationships Between Money and Other Economic Variables." American Economic Review 75: 828-35.
 - MacDonald, R. (2007). <u>Exchange Rate Economics: Theories and Evidence</u>. Milton Park, UK: Routledge.
- * Manzur, M. (2018). "Exchange-Rate Economics is Always and Everywhere Controversial." <u>Applied Economics</u> 50: 216 32.
 - Meese, R. A., and K. Rogoff (1983). "Empirical Exchange Rate Models of the Seventies: Do They Fit Out of Sample?" <u>Journal of International Economics</u> 14: 3-24.
- * § Mussa, M. (1979). "Empirical Regularities in the Behaviour of Exchange Rates and Theories of the Foreign Exchange Market." <u>Carnegie-Rochester Conference Series on Public Policy</u> 11: 9-57.
 - Rogoff, K. (2002a). "Dornbusch's Overshooting Model after Twenty-five Years." IMF Staff Papers 49 (Special Issue): 1-34.
 - _____ (2002b). "Why are G-3 Exchange Rates so Fickle?" <u>Finance and Development</u> 39, No. 2.
 - Sarno, L., and M. P. Taylor (2002b). <u>The Economics of Exchange Rates</u>. Cambridge: Cambridge University Press. Chapter 4 "Exchange Rate Determination: Theories and Evidence".
 - Taylor, M. P. (1995). "The Economics of Exchange Rates." <u>Journal of Economic</u> Literature 33: 13-47.
 - Taylor, M. P., and M. Manzur, eds, (2013). <u>Recent Developments in Exchange-Rate Economics</u>. Cheltenham: Edward Elgar.
- * The Economist (2002). "Rudiger Dornbusch." August 10, p. 72.

- * Rogoff, K. (2002). "Why are G-3 Exchange Rates so Fickle?" Finance and Development 39, No. 2.
 - Rossi, B. (2013). "Exchange Rate Predictability." <u>Journal of Economic Literature</u> 51: 1063 119.
 - Wang, J. (2008). "Why are Exchange Rates so Difficult to Predict?" <u>Economic Letter</u> Federal Reserve Bank of Dallas 3 (June).

6. EXCHANGE RATES AND COMMODITY PRICES

- Chen, Y-C, K. Rogoff and B. Rossi (2010). "Can Exchange Rates Forecast Commodity Prices?" Quarterly Journal of Economics 125: 1145–1194.
- Clements, K. W., and R. Fry (2008). "Commodity Currencies and Currency Commodities." Resources Policy 33: 55-73. Reproduced in M. P. Taylor and M. Manzur, eds, (2013). Recent Developments in Exchange-Rate Economics. Cheltenham: Edward Elgar. A longer version is available as K. W. Clements and R. Fry "Commodity Currencies and Currency Commodities." Chapter 3 in K. W. Clements (2013) Currencies, Commodities and Consumption. Cambridge: Cambridge University Press. Pp: 126-88.
 - Clements, K. W., and M. Manzur (2003). "Notes on Exchange Rates and Commodity Prices." In M. Manzur (ed) <u>Exchange Rates, Interest Rates and Commodity Prices</u>. London: Edward Elgar. Pp. 145-56.
 - Gilbert, C. L. (1989). "The Impact of Exchange Rates and Developing Country Debt on Commodity Prices." <u>Economic Journal</u> 99: 773-84.
 - Ridler, D., and C. A. Yandle (1972). "A Simplified Method for Analysing the Effects of Exchange Rate Changes on Exports of a Primary Commodity." <u>IMF Staff Papers</u>, 19:559-78.
 - Robinson, T., T. Atkin, M. Caputo and H. Wang (2015). "Macroeconomic Consequences of Terms of Trade Episodes, Past and Present." <u>Australian Economic History Review</u> doi: 10.1111/aehr.12090
 - Sjaastad, L. A (1990). "Exchange Rates and Commodity Prices: The Australian Case." In K. W. Clements and J. Freebairn (eds) <u>Exchange Rates and Australian Commodity Prices</u>. Melbourne and Perth: Centre of Policy Studies, Monash University and Economic Research Centre, The University of Western Australia.
 - _____ (2008). "The Price of Gold and the Exchange Rates: Once Again." <u>Resources Policy</u> 33:118-24.
 - and F. Scacciavillani (1996). "The Price of Gold and the Exchange Rate."

 Journal of International Money and Finance 15: 879-97. Reproduced in M. Manzur (ed) Exchange Rates, Interest Rates and Commodity Prices. London: Edward Elgar. Pp. 157-79.

7. GOLD AND OTHER COMMODITY STANDARDS

- Bayoumi, T., B. Eichengreen and M. P. Taylor, eds, (1996). <u>Modern Perspectives on the Gold Standard</u>. Cambridge: Cambridge University Press.
- Blainey, G. (1970). "A Theory of Mineral Discovery: Australia in the Nineteenth Century." Economic History Review 23: 298-313.

- Bordo, M. D., and B. Eichengreen (1998). "The Rise and Fall of a Barbarous Relic: The Role of Gold in the International Monetary System." NBER Working Paper 6436.
- Eichengreen, B. (1998). "The Gold Standard." Chapter 2 in his <u>Globalizing Capital: A History of the International Monetary System</u>. Princeton: Princeton University Press. Pp. 7-44.
- Eichengreen, B., and I. W. McLean (1994). "The Supply of Gold under the Pre-1913 Gold Standard." <u>Economic History Review</u> 47: 288-309.
- Friedman, M. (1951). "Commodity-Reserve Currency." <u>Journal of Political Economy</u> 59: 203-32.
- Harris R. D., and J. Shen (2017). "The Intrinsic Value of Gold: An Exchange Rate-Free Price Index". <u>Journal of International Money and Finance</u> 79: 203-17.
- Hirsch, F. (1968). "Influences on Gold Production." IMF Staff Papers 15: 405-90.
- Jastram, R. W., and J. Leyland (2009). <u>The Golden Constant: The English and American Experience</u>, <u>1560-2007</u>. UK: Edward Elgar.
- Marsh, J. B. (1983). "Keynes on the Supply of Gold: A Statistical Test." <u>Eastern Economic Journal</u> 9: 7-12.
- McCallum, B. T. (1989). "The Gold Standard: A Commodity-Money System." Chapter 13 in his Monetary Economics: Theory and Policy. New York: Macmillan. Pp. 249-68.
- McCloskey, D. N., and J. R. Zecher (1974). "How the Gold Standard Worked, 1880-1913." Chapter 16 in J. A. Frenkel and H. G. Johnson (eds) <u>The Monetary Approach to the Balance of Payments</u>. Toronto: University of Toronto Press. Pp. 357-85.
- Tcha, MJ. (2003). Gold and the Modern World Economy. London: Routledge.
- * The Economist (2010c). "Beyond Bretton Woods." November 6, pp. 79-81.
- * The Economist (2010d). "Store of Value." July 10, pp. 66-68.

8. COMMODITY CURRENCIES

- Bidarkota, P., and M. J. Crucini (2000). "Commodity Prices and the Terms of Trade." Review of International Economics 8: 647–66.
- Cashin, P. L., Céspedes and R. Sahay (2002). "Keynes, Cocoa and Copper: In Search of Commodity Currencies." IMF Working Paper WP/02/223. See also Cashin et al. (2003). "Commodity Currencies." IMF Finance and Development 40: 45-48.
- Exchange Rate." <u>Journal of Development Economics</u> 75:239-68.
- Chen, Y-C., and K. Rogoff (2003). "Commodity Currencies". <u>Journal of International</u> <u>Economics</u> 60: 133-60
- * Clements, K. W., and R. Fry (2008). "Commodity Currencies and Currency Commodities." Resources Policy 33:55-73. Reproduced in M. P. Taylor and M. Manzur, eds, Recent Developments in Exchange-Rate Economics. Cheltenham: Edward Elgar, 2013. A longer version is available as K. W. Clements and R. Fry "Commodity Currencies and Currency Commodities." Chapter 3 in K. W. Clements Currencies, Commodities and Consumption. Cambridge: Cambridge University Press, 2013. Pp: 126-88. (See Topic 6).

- * § Freebairn, J. (1990). "Is the \$A a Commodity Currency?" In K. W. Clements and J. Freebairn (eds) Exchange Rates and Australian Commodity Exports. Melbourne and Perth: Centre of Policy Studies, Monash University and Economic Research Centre, The University of Western Australia. Pp. 6-30. Reproduced in M. Manzur (ed) Exchange Rates, Interest Rates and Commodity Prices. London: Edward Elgar. pp. 180-207.
 - Gruen, D., and T. Kortian (1998). "Why Does the Australian Dollar Move so Closely with the Terms of Trade?" Discussion Paper 98.26, Department of Economics, The University of Western Australia.
 - and J. Wilkinson (1994). "Australia's Real Exchange Rate Is it Explained by the Terms of Trade or by Real Interest Rate Differentials?" <u>Economic Record</u> 70: 204-19.

9. INTERNATIONAL LINKAGES OF CAPITAL MARKETS

- Fischer, S. (2017). "The Low Level of Global Real Interest Rates". Remark at the conference to celebrate Arminio Fraga's 60 years. Casa das Garcas, Rio de Janeiro, Brazil.
- Frankel, J. A., S. L. Schmukler and L. Serven (2004). "Global Transmission of Interest Rates: Monetary Independence and Currency Regime." <u>Journal of International</u> Money and Finance 23: 701–33.
- * Isard, P. (2006). "Uncovered Interest Parity." IMF Working Paper WP/06/96.
 - King, M. and D. Low (2014). "Measuring the "World" Real Interest Rate". NBER Working Paper 19887.
 - Marston, R. C. (1995). <u>International Financial Integration: A Study of Interest Differentials Between the Major Industrial Countries</u>. Cambridge, UK: Cambridge University Press. Chapter 4 "Nominal Interest Differentials".
- * § Obstfeld, M., and A. M. Taylor (2003). "Globalisation and Capital Markets." Chapter 3 in M. D. Bordo, A. M. Taylor, and J. G. Williamson (eds) <u>Globalisation in Historical Perspective</u>. Chicago: The University of Chicago Press. Pp. 121-87.
 - (2004). <u>Global Capital Markets: Integration, Crisis and Growth</u>. Cambridge, UK: Cambridge University Press.
 - Taylor, A. M. (2004). "Global Finance: Past and Present." IMF <u>Finance and Development</u> March: 28-31.
- * Ong, L. L., K. W. Clements and H. Y. Izan (1999). "The World Real Interest Rate: Stochastic Index Number Perspectives." <u>Journal of International Money and Finance</u> 18: 225-49.

10. THE CARRY TRADE

- Brunnermeier, M. K., S. Nagel and L. H. Pedersen (2008). "Carry Trades and Currency Crashes." NBER Macroeconomics Annual. 23: 313-48.
- Burnside, C. (2012). "Carry Trades and Risk." In J. James, I. W. Marsh and L. Sarno (eds) Handbook of Exchange Rates. Hoboken, NJ: Wiley. Pp. 283-312.
- Lustig, H. L., and A. Verdelhan (2007). "The Cross Section of Foreign Currency Risk Premia and Consumption Growth Risk." <u>American Economic Review</u> 97: 89-117.

Ready, R., N. Roussanov and C. Ward (2013). "Commodity Trade and the Carry Trade: A Tale of Two Countries." NBER Working Paper 19371.

The Economist (2013). "Buttonwood: Carry on Trading." August 10.

11. OTHER USEFUL MATERIAL

Schwabish, J. A. (2014). "An Economist's Guide to Visualizing Data". <u>Journal of Economic Perspective</u> 28: 209-34

Törnqvist, L., P. Vartia and Y. O. Vartia (1985). "How Should Relative Changes be Measured?" The American Statistician 39: 43-46

Graphical information on macro aspects of the world economy:

http://www.imf.org/external/datamapper/index.php

Big Mac Index data and map:

http://www.economist.com/content/big-mac-index