

Volume 29, Issue 4

Going parochial in the assessment of the Brazilian economics research output

Sergio Da Silva

Graduate Program in Economics, Federal University of Santa Catarina, Brazil

Abstract

I evaluate the just launched official criterion for assessing the economics research output in Brazil, called “Qualis”. I compare it with the simple journal impact factors released by RePEc. Four biases are identified: (1) left-wing journals have been favored, (2) mainstream British journals have been downgraded, (3) cross disciplinary research output has been neglected, and (4) domestic journals have been favored.

I thank Elder Mauricio Silva for research assistance extended. Financial support from the Brazilian agencies CNPq and CAPES (Procad) is acknowledged.

Citation: Sergio Da Silva, (2009) "Going parochial in the assessment of the Brazilian economics research output", *Economics Bulletin*, Vol. 29 no.4 pp. 2832-2852.

Submitted: Nov 05 2009. **Published:** November 10, 2009.

1. Introduction

CAPES is the Brazilian Ministry of Education's agency responsible for, among other things, establishing criteria for evaluating the performance of higher education institutions. (CAPES is the Portuguese acronym for Coordination for the Improvement of Higher Education Personnel.) In the middle of the current year (2009), CAPES launched "Qualis", a ranking of academic journals adjudged more prominent in every area of research. Qualis matters for Brazil because it is employed in rating graduate programs. Oddly, the just launched 2009 Qualis ranking will be used for assessing the Brazilian research output over the previous period 2005–2007. Despite this, there is widespread complacency between researchers in accepting Qualis because their main concern is to have rules, even if imperfect and delayed. The rules are desperately needed because they can be employed against those undergraduate Department colleagues who champion the role of the higher education system in affirming "citizenship", rather than in fostering scientific endeavor. Here, I focus on the Qualis for the subject area of economics. My intention is to point out some inconsistencies and then suggest some improvements.

The CAPES website (<http://qualis.capes.gov.br/webqualis/>) carries the statement that Qualis has been conceived to meet the "particular needs of the evaluation process" and that it is to be based on information communicated by the graduate programs in the previous years (through the data base named "Coleta de Dados"). Thus, the list of journals that Qualis is expected to rank should be partly based on the journals that researchers have previously chosen as outlets for their output. Qualis is made up of eight strata, namely A1 and A2 (for the most highly ranked journals), B1, B2, B3, B4, B5, and C (for the journals believed to deserve no points). CAPES requires the committees responsible for generating the Qualis for each subject area to openly display the criteria used for the rankings, which should involve "impact factor, H-index, and other ways of measuring quality". In particular, CAPES recommends that "the A1 and A2 strata be rigorously justified". CAPES also suggests that the committees consider only "indexed journals with an ISSN, which have recognized editorial board and well functioning refereeing process". Finally, the Qualis ranking should be "updated at an annual basis".

The committee for the economics subject area has not yet published the criteria employed. Thus, I have to base my analysis on conjectures about such criteria. It has been aired in certain informal circles that the rankings were heavily influenced by the "within economics" ranking suggested by Kodrzycki and Yu (2006). Actually, apart from some minor idiosyncrasies, there is a nice fit between the higher two strata (A1 and A2) and the ranking of the reference quoted above. However, I detect four other major influences. It seems to have been a market reserve for domestic journals, left-wing journals, and "within economics" journals, i.e. journals from other disciplines have been ignored. There is also an anti-British journal bias. This I demonstrate in the next section.

2. Analysis

The Qualis for economics has assigned the following points for the various strata: A1 = 100, A2 = 80, B1 = 60, B2 = 40, B3 = 25, B4 = 15, B5 = 5 (and C = 0) for a total of 295 journals listed. Table 1 shows that the A1 and A2 strata represent 20 percent of the journals, namely 26 A1 journals and 33 A2 journals respectively. Table 1 also shows the proportions for the other strata. Table 3 shows the current Qualis sorted by the

simple impact factors released this year by RePEc (available on <http://ideas.repec.org/top/top.journals.simple.html>). If impact factors are any guide, I suggest a Qualis rank that is broader than the current one, but one that corrects for the impact factors while retaining the proportions for the strata unchanged (Table 1). The suggested rank also takes into account the research output over the previous period 2005–2007 of the researchers belonging to the graduate programs that used the entry exam of ANPEC (the Brazilian National Association of Graduate Programs in Economics) (Table 2). This is to comply with the CAPES recommendation referred to above, which appears to have been neglected by the economics area committee. Table 4 lists the journals used as outlets by the researchers, which have been omitted by the current Qualis. The suggested Qualis is presented in Table 5.

I first turn to the A1 and A2 strata. The A1 stratum has 26 journals (Table 3), and I suggest 29 journals (Table 5) retaining the proportion of 9 percent assigned. The inclusion of the seven journals at the bottom of the current A1 stratum in Table 3 is debatable. *History of Political Economy* with a zero impact factor hardly deserves to be A1. It should be in the B3–B5 strata. *Journal of Post-Keynesian Economics* should be B2, rather than A1. *JPKE* has been overrated by 60 points. I suggest replacing *HPE* and *JPKE* with *Journal of Monetary Economics* and *Economic Journal*. Actually, *JME* has been omitted by the current Qualis, and *Economic Journal* has been rated only as B5 (5 points, rather than 100). To complicate matters, *JME* was used as an outlet by one researcher over the period 2005–2007 (Table 4). *EJ* has been classified as B5 and dubbed “*Economic Journal (Bangkok)*”. I could not trace any *Economic Journal* in Bangkok. Thus, I presume that that is a typo, and that the *Economic Journal* correctly is the one from Britain. Besides, *EJ* is top ranked in Kodrzycki and Yu (2006) (Table 6), the reference presumably used as an input by the economics subject area committee. Inclusion of *HPE* and *JPKE* in the A1 stratum reveals an arguably left-wing bias in the current Qualis, though it also may reflect taking into account the preferences of many Brazilian researchers.

Journal of Economic Methodology should be B2 rather than A1, if only impact factor is to be considered. However, this inclusion is perhaps justified because it also reflects the preferences of many Brazilian economists. Less problematic are the inclusion of *Economic Theory* and *Cambridge Journal of Economics* (which should be rated as B1), and *Journal of Money, Credit and Banking* and *Games and Economic Behavior* (which should be A2). Actually, these journals are among the top 50 journals in the rankings provided by Kodrzycki and Yu (2006) (Table 6).

In the suggested A1 stratum of Table 5, it can be seen that *Journal of Economic Growth*, *Brookings Papers on Economic Activity*, *Journal of Labor Economics*, *Journal of Applied Econometrics*, *Review of Economic Dynamics*, and *Journal of Financial Intermediation* could have been rated as A1 as well, rather than A2. The same can be said of the *World Bank Economic Review* and the *IMF Staff Papers*. These journals are currently downgraded to B1. However, the current Qualis may have a point in that: *WBER* ranks only 64 and 47 by the “within economics impact” and “policy impact” criteria, respectively, of Kodrzycki and Yu (2006), and *IMFSP* ranks 65 and 73.

The major problem with the current A2 stratum is the inclusion of *Review of Radical Political Economics*, which should be B3–B5 thanks to its zero impact factor. This also is evidence of the left-wing bias of the current ranking. Inclusion of *National Tax Journal* with a nil impact factor as A2 is also questionable. Less questionable is the inclusion as A2 of *Journal of Economic Studies*, *Journal of Economic Issues*, and *International Journal of Production Economics*, which should be B3 were impact factor

the sole criterion. The same can be said of *Review of Political Economy*, which should be B2.

The current A2 stratum also fails to include *Oxford Bulletin of Economics and Statistics*, *Oxford Economic Papers*, *Oxford Review of Economic Policy*, and *Economica*. Such British journals deserve to be part of the A2 stratum, and thus have been downgraded by the current Qualis. Here, one might imagine an anti-British bias that is restricted to mainstream journals, since *Cambridge Journal of Economics* has been rated (perhaps undeservedly) as A1. In terms of impact factors, *World Bank Research Observer* and *Economics and Politics* should also be A2, rather than B3.

As for the current B1 stratum, inclusion of the six journals at the bottom (Table 3) is disputable because they have nil impact factors at RePEc. The journals are: *Comparative Political Studies*, *Economics and Philosophy*, *History of Economic Ideas*, *Industrial Relations Journal*, *Journal of Latin American Studies* and *Journal of Policy Analysis and Management*. Considering *HEI* as B1 arguably adds to the left-wing bias. I suggest replacing these journals with *Open Economies Review*, *Information Economics and Policy*, *China Economic Review*, and *UNCTAD Review* (which have been undeservedly considered as B4 by the current Qualis), and *Scottish Journal of Political Economy*, and *Economic Modelling* (rated only as B3). The last two having been neglected add to the anti-British bias.

I suggest inclusion as B1 the physics journals that the Brazilian economists used as outlets over the period 2005–2007 (Table 4). These are top journals in the physics subject area. Examples include *Physical Review E*, *Physics Letters A*, *European Physical Journal B*, and *Physica A*. Though comparisons of impact factors across areas are somewhat problematic, I have used the impact factors from the ISI Web of Science (of Thomson Reuters) that provides impact factors consistently below those released by RePEc (and that are restricted to top journals). Note that *Chaos, Solitons and Fractals* should be rated as A2. There are also journals from the engineering area that have been ignored, besides journals from statistics. The issues covered by the papers published in these journals from other areas mostly relate to economics as well. So why not consider such journals as outlets? After all, they reflect the preferences of Brazilian economists for the emerging field of “econophysics”. This bias against other areas is not a parochialism exclusive to the Brazilian economists but unfortunately reflects the universal attitude of economists who, “being a rather narrow-minded and self-centered group, are probably more concerned with a journal’s impact on the economics profession than on other disciplines” (quoted by Kodrzycki and Yu 2006). What appears intriguing is that the whole point of Kodrzycki and Yu (2006) – to make a case for the overall cross-disciplinary impact and policy impact, and to downplay the narrow “within economics” impact – has been ignored by the economics subject area committee, which has focused exclusively on the Kodrzycki and Yu’s “within economics” impact.

The fundamental problem with the current B2 stratum is the inclusion of 18 journals with zero impact factors at RePEc (Table 3). Among them, 6 are Brazilian journals, thus revealing a domestic bias. Four other domestic journals classified as B2 have no nil-impact factor: *Nova Economia*, *Revista Brasileira de Economia*, *Economia e Sociedade*, and *Economia*, but should have been rated as B3. This confirms the domestic-journal bias.

Four journals that do not figure in the B2 stratum deserve special attention. They are: *British Journal of Industrial Relations* (rated as B3), *Economics and Human Biology* (rated as B4), *Journal of Socio-Economics* (rated as B5), and *Economics Bulletin* (omitted by the current Qualis). The first downgraded journal adds to the anti-

British bias, the subsequent two betray the anti-cross-disciplinary bias, and omission of the last one is an obvious mistake. As observed, CAPES recommends inclusion of indexed journals with a recognized editorial board, a refereeing process, and with an ISSN assigned to it. The editorial board of *EB* is widely recognized, includes Nobel prize winners, and their refereeing process is standard (and quick), *EB* is indexed by e-JEL, EconLit, and IDEAS, and its ISSN is 1545–2921. Besides, considering (1) that the list of journals that Qualis should rank is expected to be partly based on the journals that researchers have previously chosen as outlets, and (2) that *Economics Bulletin* is among the top ten journals to which Brazilian researchers sent their output over the period 1999–2006 (Faria *et al.* 2007), there is no excuse for the omission of *EB*.

One striking characteristic of the lower strata (B3, B4, and B5) is the predominance of journals with a zero impact factor (Table 3). The current B3 stratum has 24 zero impact journals (45 percent), the B4 stratum 67 percent, and the B5 stratum features 88 percent. In the suggested Qualis (Table 5), the B3 stratum represents a reduction to 39 percent of zero impact journals, while the B4 and B5 strata are made up solely of zero impact journals. This offers vast margin for maneuver, and suggests that the journals currently omitted (Table 4) could be included without incurring significant cost.

3. Discussion

Who needs Qualis if we have impact factors? After all, while impact factors are imperfect, the Qualis ranking is manifestly ad hoc. By the Qualis criterion, three papers published in *Applied Economics Letters* (120 points) outweigh one published in the *Quarterly Journal of Economics* (100 points). Because this approach introduces distorted incentives, the wrong output may be delivered. It is also unfair because the use of Qualis might culminate in the selection of the wrong people in academic competition, perhaps provoking adverse reactions.

Despite this, I think that the Qualis ranking can still be justified if viewed as a temporary strategy. Of course, the ultimate strategy should allow Qualis to converge to either the impact factor criterion or to a fully substantiated alternative where impact factors carry strong weight.

Qualis can be treated as reasonable in the short run because publishing in the *Quarterly Journal of Economics*, *American Economic Review*, *Econometrica*, *Journal of Political Economy*, and *Review of Economic Studies* is almost impossible, simply because there are few slots open for the vast majority of academics (mainly foreigners) in such journals (Frey 2009). Researchers are caught in a “publication impossibility theorem system”. Over the entire period from 1999–2006, only seven Brazilian researchers managed to publish 8 papers in such journals (Faria *et al.* 2007). A closer look reveals that the author of two such papers is a previous member of the editorial board of the journal chosen as the outlet; the co-author of the other paper is someone from the MIT staff; a third co-authored with Gary Becker, and the remaining are outcomes of PhD theses presented at American universities related to the journals.

Is the left-wing bias justified? Temporarily, maybe. The bulk of Brazilian economists are politically illiberal (in the European sense), and thus Qualis takes such preferences into account. However, these preferences have not yet been translated into impact factors. Because one cannot wait forever for this to occur, I think the market reserve should be lifted in future whether or not the impact factors of left-wing journals are raised.

Is the anti-British bias justified? Most certainly not. Honestly, here I think that the bias may have arisen by chance. Is the anti-cross-disciplinary bias justified? No, it is not. When the economy is at stake, everyone could potentially benefit from the perspectives provided by both economics and other subject areas. Is the domestic journal bias justified? Temporarily, perhaps. After all, why should the best journals be concentrated in only one country forever? However, I think the market reserve for domestic journals should be lifted in future to prevent permanent incentive distortions. This measure would compel the domestic journals to become tradable, because currently they are non-tradable outlets. The journals would be forced to go bilingual (Portuguese and English), to cover contents of universal interest, and to extend the insights gained in the study of local issues to the global audience.

4. Conclusion

The current official criterion for the assessment of the Brazilian economics research output (dubbed “Qualis”) was compared with the simple impact factors of RePEc. This exercise enables one to identify four major biases in the current Qualis: (1) a left-wing bias, (2) an anti-British bias, (3) an anti-cross-disciplinary bias, and (4) a domestic journal bias. Biases (2) and (3) can be easily removed, while biases (1) and (4) cannot be allowed to persist indefinitely.

Other minor problems with the current Qualis have also been identified, and, I hope, the suggestions for improvement will be incorporated even in the next year’s update.

References

Faria, Joao R., Ari F. De Araujo Jr, and Claudio D. Shikida (2007) The international research of academic economists in Brazil: 1999–2006, *Economia Aplicada* **11**(3), 387–406.

Frey, Bruno S. (2009) Economists in the PITS? *International Review of Economics*, DOI 10.1007/s12232-009-0081-x.

Kodrzycki, Yolanda E., and Pingkang Yu (2006) New Approaches to Ranking Economics Journals, *Contributions to Economic Analysis & Policy* **5**(1), Article 24.

Table 1. Current- and suggested Qualis rankings.
The suggested rank corrects for the impact factors while keeping proportions unchanged

Current Qualis	Number of Journals	%	Suggested Qualis	Number of Journals	%
A1 = 100	26	9	A1 = 100	29	9
A2 = 80	33	11	A2 = 80	36	11
B1 = 60	52	18	B1 = 60	57	18
B2 = 40	49	17	B2 = 40	54	17
B3 = 25	53	18	B3 = 25	58	18
B4 = 15	49	17	B4 = 15	54	17
B5 = 5	33	11	B5 = 5	36	11
Total	295	100	Total	324	100

Table 2. Economics graduate programs that used the entry exam of ANPEC (2005–2007)

Federal University of Ceará (UFC)
Federal University of Minas Gerais (UFMG)
Federal University of Bahia (UFBA)
Getulio Vargas Foundation, Rio de Janeiro (FGV-RJ)
Getulio Vargas Foundation, São Paulo (FGV-SP)
Federal University of Rio de Janeiro (UFRJ)
Federal University of Uberlândia (UFU)
State University of Campinas (Unicamp)
University of São Paulo (USP)
Federal University of Pará (NAEA-UFPA)
Federal University of Pernambuco (UFPE)
State University of Maringá (UEM)
Federal University of Rio Grande do Sul (UFRGS)
Federal University of Santa Catarina (UFSC)
Pontifical Catholic University, Rio de Janeiro (PUC-RJ)
Pontifical Catholic University, São Paulo (PUC-SP)
Catholic University of Brasília (UCB)
Federal Fluminense University (UFF)
Federal University of Paraná (UFPR)
University of Brasília (UnB)
Federal University of Juiz de Fora (UFJF)
Federal University of Espírito Santo (UFES)
Pontifical Catholic University, Rio Grande do Sul (PUC-RS)
Vale dos Sinos University (Unisinos)
Federal University of Viçosa (UFV)
University of São Paulo, Ribeirão Preto (USP-RP)
University of São Paulo, ESALQ (USP-ESALQ)
Federal University of Rio Grande do Norte (UFRN)
Federal University of Paraíba, João Pessoa (UFPB-JP)
State University of São Paulo (UNESP)

Table 3. Current Qualis rankings

A1 = 100	Impact Factor
Quarterly Journal of Economics	31.017
Journal of Economic Literature	28.274
Econometrica	26.044
Review of Economic Studies	17.148
Journal of Economic Perspectives	16.645
Journal of Financial Economics	15.785
Journal of Political Economy	15.596
Rand Journal of Economics	14.298
American Economic Review	14.202
Review of Financial Studies	11.338
Journal of Finance	10.288
Journal of Econometrics	10.132
Journal of Business & Economic Statistics	9.397
Journal of International Economics	9.342
Journal of Public Economics	8.479
Review of Economics and Statistics	8.397
European Economic Review	8.006
Journal of Economic Theory	7.749
International Economic Review	6.751
Journal of Money, Credit and Banking	6.006
Games and Economic Behavior	5.374
Economic Theory	2.310
Cambridge Journal of Economics	1.708
Journal of Economic Methodology	0.867
Journal of Post Keynesian Economics	0.508
History of Political Economy	0.000
A2 = 80	
Journal of Economic Growth	25.781
Brookings Papers on Economic Activity	19.470
Journal of Labor Economics	14.345
Journal of Applied Econometrics	8.672
Review of Economic Dynamics	7.869
Journal of Financial Intermediation	6.947
Journal of Law, Economics & Organization	6.750
Journal of Law & Economics	6.290
Journal of International Money and Finance	6.180
Journal of Environmental Economics and Management	5.978
Journal of Development Economics	5.583
Journal of Health Economics	4.954
Journal of Economic Dynamics & Control	4.791
Journal of Industrial Economics	4.622
Macroeconomic Dynamics	3.823
Journal of Human Resources	3.769
Journal of Business	3.728
Journal of Banking & Finance	3.420
Industrial and Corporate Change	3.120
Journal of Economic Behavior & Organization	3.009
Research Policy	2.829
Canadian Journal of Economics	2.805
Journal of Mathematical Economics	2.671
Economic Inquiry	2.530
International Journal of Game Theory	2.301

Economics Letters	2.006
Social Choice and Welfare	1.512
Review of Political Economy	0.455
Journal of Economic Studies	0.241
Journal of Economic Issues	0.125
International Journal of Production Economics	0.115
National Tax Journal	0.000
Review of Radical Political Economics	0.000
B1 = 60	
World Bank Economic Review	11.106
IMF Staff Papers	7.582
Labour Economics	5.702
Oxford Bulletin of Economics and Statistics	5.351
Journal of Risk and Uncertainty	4.706
Journal of Population Economics	4.624
Journal of Economics & Management Strategy	4.479
Scandinavian Journal of Economics	4.355
Oxford Economic Papers	4.261
Oxford Review of Economic Policy	4.225
Journal of Urban Economics	4.081
Economica	3.847
Regional Science and Urban Economics	2.856
American Journal of Agricultural Economics	2.830
Review of International Economics	2.607
Industrial and Labor Relations Review	2.303
Journal of Regulatory Economics	2.301
Review of Income and Wealth	2.029
Journal of Public Economic Theory	1.990
Review of World Economics (Weltwirtschaftliches Archiv)	1.904
World Development	1.896
Journal of Development Studies	1.706
Structural Change and Economic Dynamics	1.686
Southern Economic Journal	1.610
Economic Systems	1.598
Public Choice	1.592
Economics of Innovation and New Technology	1.571
Economics of Education Review	1.481
Environment and Development Economics	1.433
Applied Economics	1.252
Regional Studies	1.160
Explorations in Economic History	1.083
Ecological Economics	1.027
Journal of Time Series Analysis	0.947
Land Economics	0.866
Annals of Regional Science	0.860
Metroeconomica	0.834
Review of Agricultural Economics	0.688
Utilities Policy	0.464
Journal of Economic History	0.323
Quantitative Finance	0.203
Health Economics	0.140
International Journal of Social Economics	0.110
Economy and Society	0.067
Energy Journal	0.037
Comparative Political Studies	0.000
Economics and Philosophy	0.000
History of Economic Ideas	0.000
Industrial Relations Journal	0.000
Journal of Latin American Studies	0.000

Journal of Policy Analysis and Management	0.000
B2 = 40	
Econometric Reviews	4.178
Journal of the Japanese and International Economies	3.570
International Journal of Finance and Economics	3.389
Resource and Energy Economics	2.866
Economie Appliquée	2.581
Manchester School	2.449
World Economy	2.448
Journal of Emerging Markets	2.224
Economic Development and Cultural Change	2.192
Real Estate Economics	1.953
Journal of Real Estate Finance and Economics	1.888
Journal of Housing Economics	1.849
Journal of Comparative Economics	1.739
Journal of Agricultural Economics	1.627
Journal of Policy Reform	1.530
Journal of Forecasting	1.378
Japan and the World Economy	1.255
Oxford Development Studies	1.217
Journal of Economic Psychology	1.022
Contemporary Economic Policy	0.903
Journal of Productivity Analysis	0.898
Applied Economics Letters	0.698
Journal of Economic Education	0.604
Nova Economia	0.271
Agricultural Economics	0.264
Revista Brasileira de Economia	0.173
International Journal of Global Environmental Issues	0.103
Journal of Transport Economics and Policy	0.072
Economic History Review	0.052
Economia e Sociedade	0.016
Economia	0.193
Estudos Econômicos	0.000
Pesquisa e Planejamento Econômico	0.000
Revista de Econometria	0.000
Revista de Economia Aplicada	0.000
Revista de Economia e Sociologia Rural	0.000
Revista de Economia Política	0.000
America Latina en la Historia Económica	0.000
Annals of Operations Research	0.000
Aussenwirtschaft	0.000
Economía, Sociedad y Territorio	0.000
European Planning Studies	0.000
Integration & Trade	0.000
Investigación Económica	0.000
Journal of Economics (Ekonomicky Casopis)	0.000
Monthly Labor Review	0.000
New Political Economy	0.000
Review of the Economic Research on Copyright Issues	0.000
Revista de la CEPAL	0.000
B3 = 25	
World Bank Research Observer	6.164
Economics and Politics	3.521
New England Economic Review	2.768
Empirical Economics	2.660

Small Business Economics	2.565
Journal of Regional Science	1.733
Scottish Journal of Political Economy	1.682
Economic Modelling	1.483
Journal of Macroeconomics	1.421
Journal of Policy Modeling	1.387
International Review of Law and Economics	1.331
Economic Record	1.310
European Review of Agricultural Economics	1.249
Journal of Institutional and Theoretical Economics	0.964
Energy Economics	0.937
Australian Journal of Agricultural and Resource Economics	0.839
Quarterly Review of Economics and Finance	0.838
British Journal of Industrial Relations	0.804
Journal of Labor Research	0.719
Journal of Common Market Studies	0.485
Jahrbücher für Nationalökonomie und Statistik	0.429
Developing Economies	0.272
Energy Policy	0.268
Review of Social Economy	0.247
International Journal of Theoretical and Applied Finance	0.139
Review of Black Political Economy	0.136
International Journal of Political Economy	0.112
El Trimestre Económico	0.054
International Journal of Global Energy Issues	0.011
Análise Econômica	0.000
Planejamento e Políticas Públicas	0.000
Revista Brasileira de Energia	0.000
Revista Brasileira de Estudos Urbanos e Regionais	0.000
Revista Brasileira de Finanças	0.000
Revista Brasileira de Inovação	0.000
Revista Contabilidade & Finanças	0.000
Revista de Economia Contemporânea	0.000
Revista Econômica do Nordeste	0.000
Banca Nazionale del Lavoro	0.000
Capital & Class	0.000
Development and Change	0.000
Economía (Washington)	0.000
Evolutionary and Institutional Economics Review	0.000
History of Economics Society Bulletin	0.000
International Regional Science Review	0.000
Journal of Academy of Business and Economics	0.000
Journal of International Business and Economics	0.000
Journal of Money Laundering Control	0.000
Journal of Technology Management and Innovation	0.000
Latin American Business Review	0.000
Problemas del Desarrollo	0.000
Revue d'Économie Régionale et Urbaine	0.000
Science & Society	0.000
B4 = 15	
China Economic Review	1.701
Open Economies Review	1.663
UNCTAD Review	1.560
Information Economics and Policy	1.447
Papers in Regional Science	1.276
Journal of Institutional Economics	0.858
Economic Systems Research	0.793
Economics and Human Biology	0.582
Growth and Change	0.544

Bulletin of Indonesian Economic Studies	0.473
Review of International Political Economy	0.455
Eastern European Economics	0.346
Eastern Economic Journal	0.210
Económica (La Plata)	0.199
Dutch Journal of Economic and Social Geography	0.170
Journal of Media Economics	0.087
Journal of Income Distribution	0.000
Revue d'Économie Politique	0.000
Hitotsubashi Journal of Economics	0.000
Economia (Lisboa)	0.000
Econômica	0.000
Ensaio FEE	0.000
Gestão e Produção	0.000
História Econômica & História de Empresas	0.000
Pesquisa & Debate	0.000
Revista de Administração Contemporânea	0.000
Revista de Administração de Empresas	0.000
Revista Brasileira de Economia de Empresas	0.000
Revista da Sociedade Brasileira de Economia Política	0.000
Revista de Economia	0.000
Revista de Economia e Administração	0.000
Revista de Economia e Agronegócio	0.000
Economic Development Quarterly	0.000
Economics of Planning	0.000
Economist (Leiden)	0.000
Geographical Analysis	0.000
Innovation	0.000
International Journal of Technology Management & Sustainable Development	0.000
Investigaciones Regionales	0.000
Journal of Accounting, Business & Management	0.000
Politická Ekonomie	0.000
Research in Political Economy	0.000
Review of Business Research	0.000
Revista de Gestão Econômica	0.000
Revista Venezolana de Economía y Ciencias Sociales	0.000
Review of Urban and Regional Development Studies	0.000
Studies in Comparative International Development	0.000
Studies in Political Economy	0.000
Telecommunications Policy	0.000
 B5 = 5	
Economic Journal (Bangkok)	9.500
Journal of Socio-Economics	0.522
Revista de Análisis Económico	0.382
Contributions to Political Economy	0.325
Análise (PUC-RS)	0.000
Economia e Desenvolvimento	0.000
Economia Ensaio	0.000
Estudos do CEPE	0.000
Estudos Econômicos da Construção	0.000
Indicadores Econômicos FEE	0.000
Leituras de Economia Política	0.000
Nexos Econômicos	0.000
Organizações & Sociedade	0.000
Oikos	0.000
Organizações Rurais e Agroindustriais	0.000
Perspectiva Econômica (online)	0.000
Perspectiva Econômica (São Leopoldo)	0.000
Perspectivas (São Paulo)	0.000

Revista de Desenvolvimento Econômico	0.000
Revista da ABET	0.000
Revista de Direito Bancário do Mercado de Capitais e da Arbitragem	0.000
Revista de Direito da Concorrência	0.000
Revista de Economia & Relações Internacionais	0.000
Revista de Economia Mackenzie	0.000
Revista de Política Agrícola	0.000
Revista Gestão & Tecnologia	0.000
Revista Paranaense de Desenvolvimento	0.000
Rveconomia (Rio Verde)	0.000
Teoria e Evidência Econômica	0.000
Textos de Economia	0.000
Actuel Marx	0.000
Journal of Interdisciplinary Economics	0.000
Monthly Review	0.000

Table 4. Journals omitted from the current Qualis rankings; journals in which researchers from the economics graduate programs that used the entry exam of ANPEC (Table 2) published over the period 2005-2007

Journal	Impact Factor	Suggested Classification
Journal of Monetary Economics	16.951	A1
Chaos, Solitons and Fractals	*2.980	A2
Expert Systems with Applications	*2.596	B1
Physical Review E	*2.508	B1
Physics Letters A	*2.174	B1
Computers and Operations Research	*1.789	B1
Conservation and Recycling	*1.689	B1
European Physical Journal B	*1.651	B1
Journal of Emerging Market Finance	*1.540	B1
Physica A	*1.441	B1
Human Resources for Health	*1.430	B1
Journal of Applied Economics	1.229	B2
International Journal of Modern Physics C	*1.099	B2
Population and Development Review	1.084	B2
Business Review	0.966	B2
Journal of the Operational Research Society	*0.839	B2
Portuguese Economic Journal	0.834	B2
Journal of Agricultural and Applied Economics	0.780	B2
Annals of Finance	0.658	B2
Journal of Business, Finance and Accounting	0.594	B2
European Journal of Finance	0.589	B2
International Journal of Economic Theory	0.582	B2
Journal of Agricultural & Food Industrial Organization	0.529	B2
Journal of Agribusiness	0.463	B2
Atlantic Economic Journal	0.372	B3
Economics Bulletin	0.388	B2
European Journal of the History of Economic Thought	0.195	B3
Annals of the Institute of Statistical Mathematics	0.158	B3
Journal of Applied Statistics	0.151	B3

* ISI Web of Science

Table 5. Suggested Qualis rank

Notes

□ same as the current Qualis

▲ either up relative to the current Qualis or included

▼ down relative to the current Qualis

Journals in blue font have been omitted in the current Qualis

* ISI Web of Science

A1 = 100	Impact Factor	
Quarterly Journal of Economics	31.017	□
Journal of Economic Literature	28.274	□
Econometrica	26.044	□
Journal of Economic Growth	25.781	▲
Brookings Papers on Economic Activity	19.470	▲
Review of Economic Studies	17.148	□
Journal of Monetary Economics	16.951	▲
Journal of Economic Perspectives	16.645	□
Journal of Financial Economics	15.785	□
Journal of Political Economy	15.596	□
Journal of Labor Economics	14.345	▲
Rand Journal of Economics	14.298	□
American Economic Review	14.202	□
Review of Financial Studies	11.338	□
World Bank Economic Review	11.106	▲
Journal of Finance	10.288	□
Journal of Econometrics	10.132	□
Economic Journal	9.500	▲
Journal of Business & Economic Statistics	9.397	□
Journal of International Economics	9.342	□
Journal of Applied Econometrics	8.672	▲
Journal of Public Economics	8.479	□
Review of Economics and Statistics	8.397	□
European Economic Review	8.006	□
Review of Economic Dynamics	7.869	▲
Journal of Economic Theory	7.749	□
IMF Staff Papers	7.582	▲
Journal of Financial Intermediation	6.947	▲
International Economic Review	6.751	□
A2 = 80		
Journal of Law, Economics & Organization	6.750	□
Journal of Law & Economics	6.290	□
Journal of International Money and Finance	6.180	□
World Bank Research Observer	6.164	▲
Journal of Money, Credit and Banking	6.006	▼
Journal of Environmental Economics and Management	5.978	□
Labour Economics	5.702	▲
Journal of Development Economics	5.583	□
Games and Economic Behavior	5.374	▼
Oxford Bulletin of Economics and Statistics	5.351	▲
Journal of Health Economics	4.954	□
Journal of Economic Dynamics & Control	4.791	□

Journal of Risk and Uncertainty	4.706	▲
Journal of Population Economics	4.624	▲
Journal of Industrial Economics	4.622	□
Journal of Economics & Management Strategy	4.479	▲
Scandinavian Journal of Economics	4.355	▲
Oxford Economic Papers	4.261	▲
Oxford Review of Economic Policy	4.225	▲
Econometric Reviews	4.178	▲
Journal of Urban Economics	4.081	▲
Economica	3.847	▲
Macroeconomic Dynamics	3.823	□
Journal of Human Resources	3.769	□
Journal of Business	3.728	□
Journal of the Japanese and International Economies	3.570	▲
Economics and Politics	3.521	▲
Journal of Banking & Finance	3.420	□
International Journal of Finance and Economics	3.389	□
Industrial and Corporate Change	3.120	□
Journal of Economic Behavior & Organization	3.009	□
Chaos, Solitons and Fractals	*2.980	▲
Resource and Energy Economics	2.866	▲
Regional Science and Urban Economics	2.856	▲
American Journal of Agricultural Economics	2.830	▲
Research Policy	2.829	□
B1 = 60		
Canadian Journal of Economics	2.805	▼
New England Economic Review	2.768	▲
Journal of Mathematical Economics	2.671	▼
Empirical Economics	2.660	▲
Review of International Economics	2.607	□
Expert Systems with Applications	*2.596	▲
Economie Appliquée	2.581	▲
Small Business Economics	2.565	▲
Economic Inquiry	2.530	▼
Physical Review E	*2.508	▲
Manchester School	2.449	▲
World Economy	2.448	▲
Economic Theory	2.310	▼
Industrial and Labor Relations Review	2.303	□
International Journal of Game Theory	2.301	▼
Journal of Regulatory Economics	2.301	□
Journal of Emerging Markets	2.224	▲
Economic Development and Cultural Change	2.192	▲
Physics Letters A	*2.174	▲
Review of Income and Wealth	2.029	□
Economics Letters	2.006	▼
Journal of Public Economic Theory	1.990	□
Real Estate Economics	1.953	▲
Review of World Economics (Weltwirtschaftliches Archiv)	1.904	□
World Development	1.896	□
Journal of Real Estate Finance and Economics	1.888	▲
Journal of Housing Economics	1.849	▲

Computers and Operations Research	*1.789	▲
Journal of Comparative Economics	1.739	▲
Journal of Regional Science	1.733	▲
Cambridge Journal of Economics	1.708	▼
Journal of Development Studies	1.706	□
China Economic Review	1.701	▲
Conservation and Recycling	*1.689	▲
Structural Change and Economic Dynamics	1.686	□
Scottish Journal of Political Economy	1.682	▲
Open Economies Review	1.663	▲
European Physical Journal B	*1.651	▲
Journal of Agricultural Economics	1.627	▲
Southern Economic Journal	1.610	□
Economic Systems	1.598	□
Public Choice	1.592	□
Economics of Innovation and New Technology	1.571	□
UNCTAD Review	1.560	▲
Journal of Emerging Market Finance	*1.540	▲
Journal of Policy Reform	1.530	▲
Social Choice and Welfare	1.512	▼
Economic Modelling	1.483	▲
Economics of Education Review	1.481	□
Information Economics and Policy	1.447	▲
Physica A	*1.441	▲
Environment and Development Economics	1.433	□
Human Resources for Health	*1.430	▲
Journal of Macroeconomics	1.421	▲
Journal of Policy Modeling	1.387	▲
Journal of Forecasting	1.378	▲
International Review of Law and Economics	1.331	▲
B2 = 40		
Economic Record	1.310	▲
Papers in Regional Science	1.276	▲
Japan and the World Economy	1.255	□
Applied Economics	1.252	▼
European Review of Agricultural Economics	1.249	▲
Journal of Applied Economics	1.229	▲
Oxford Development Studies	1.217	□
Regional Studies	1.160	▼
International Journal of Modern Physics C	*1.099	▲
Population and Development Review	1.084	▲
Explorations in Economic History	1.083	▼
Ecological Economics	1.027	▼
Journal of Economic Psychology	1.022	□
Mathematical Social Sciences	1.014	▼
Business Review	0.966	▲
Journal of Institutional and Theoretical Economics	0.964	▲
Journal of Time Series Analysis	0.947	▼
Energy Economics	0.937	▲
Contemporary Economic Policy	0.903	□
Journal of Productivity Analysis	0.898	□
Journal of Economic Methodology	0.867	▼

Land Economics	0.866	▼
Annals of Regional Science	0.860	▼
Journal of Institutional Economics	0.858	▲
Journal of the Operational Research Society	*0.839	▲
Australian Journal of Agricultural and Resource Economics	0.839	▲
The Quarterly Review of Economics and Finance	0.838	▲
Portuguese Economic Journal	0.834	▲
Metroeconomica	0.834	▼
British Journal of Industrial Relations	0.804	▲
Economic Systems Research	0.793	▲
Journal of Agricultural and Applied Economics	0.780	▲
Journal of Labor Research	0.719	▲
Applied Economics Letters	0.698	□
Review of Agricultural Economics	0.688	▼
Annals of Finance	0.658	▲
Journal of Economic Education	0.604	□
Journal of Business, Finance and Accounting	0.594	▲
European Journal of Finance	0.589	▲
Economics and Human Biology	0.582	▲
International Journal of Economic Theory	0.582	▲
Growth and Change	0.544	▲
Journal of Socio-Economics	0.522	▲
Journal of Agricultural & Food Industrial Organization	0.529	▲
Journal of Post Keynesian Economics	0.508	▼
Journal of Common Market Studies	0.485	▲
Bulletin of Indonesian Economic Studies	0.473	▲
Utilities Policy	0.464	▼
Journal of Agribusiness	0.457	▲
Review of Political Economy	0.455	▼
Review of International Political Economy	0.455	▲
Jahrbücher für Nationalökonomie und Statistik	0.429	▲
Economics Bulletin	0.388	▲
Revista de Análisis Económico	0.382	▲
B3 = 25		
Atlantic Economic Journal	0.372	▲
Eastern European Economics	0.346	▲
Contributions to Political Economy	0.325	▲
Journal of Economic History	0.323	▼
Developing Economies	0.272	□
Nova Economia	0.271	▼
Energy Policy	0.268	□
Agricultural Economics	0.264	▼
Review of Social Economy	0.247	□
Journal of Economic Studies	0.241	▼
Eastern Economic Journal	0.210	▲
Quantitative Finance	0.203	▼
Económica (La Plata)	0.199	▲
European Journal of the History of Economic Thought	0.195	▲
Economia	0.193	▼
Revista Brasileira de Economia	0.173	▼
Dutch Journal of Economic and Social Geography	0.170	▲
Annals of the Institute of Statistical Mathematics	0.158	▲

Journal of Applied Statistics	0.151	▲
Health Economics	0.140	▼
International Journal of Theoretical and Applied Finance	0.139	□
Review of Black Political Economy	0.136	□
Journal of Economic Issues	0.125	▼
International Journal of Production Economics	0.115	▼
International Journal of Political Economy	0.112	□
International Journal of Social Economics	0.110	▼
International Journal of Global Environmental Issues	0.103	▼
Journal of Media Economics	0.087	▲
Journal of Transport Economics and Policy	0.072	▼
Economy and Society	0.067	▼
El Trimestre Económico	0.054	□
Economic History Review	0.052	▼
Energy Journal	0.037	▼
Economia e Sociedade	0.016	▼
International Journal of Global Energy Issues	0.011	□
History of Political Economy	0.000	▼
National Tax Journal	0.000	▼
Review of Radical Political Economics	0.000	▼
Comparative Political Studies	0.000	▼
Economics and Philosophy	0.000	▼
History of Economic Ideas	0.000	▼
Industrial Relations Journal	0.000	▼
Journal of Latin American Studies	0.000	▼
Journal of Policy Analysis and Management	0.000	▼
Estudos Econômicos	0.000	▼
Pesquisa e Planejamento Econômico	0.000	▼
Revista de Econometria	0.000	▼
Revista de Economia Aplicada	0.000	▼
Revista de Economia e Sociologia Rural	0.000	▼
Revista de Economia Política	0.000	▼
América Latina en la Historia Económica	0.000	▼
Annals of Operations Research	0.000	▼
Aussenwirtschaft	0.000	▼
Economía, Sociedad y Territorio	0.000	▼
European Planning Studies	0.000	▼
Integration & Trade	0.000	▼
Investigación Económica	0.000	▼
Journal of Economics (Ekonomicky Casopis)	0.000	▼
B4 = 15		
Monthly Labor Review	0.000	▼
New Political Economy	0.000	▼
Review of the Economic Research on Copyright Issues	0.000	▼
Revista de la CEPAL	0.000	▼
Análise Econômica	0.000	▼
Planejamento e Políticas Públicas	0.000	▼
Revista Brasileira de Energia	0.000	▼
Revista Brasileira de Estudos Urbanos e Regionais	0.000	▼
Revista Brasileira de Finanças	0.000	▼
Revista Brasileira de Inovação	0.000	▼
Revista Contabilidade & Finanças	0.000	▼

Revista de Economia Contemporânea	0.000	▼
Revista Econômica do Nordeste	0.000	▼
Banca Nazionale del Lavoro	0.000	▼
Capital & Class	0.000	▼
Development and Change	0.000	▼
Economía (Washington)	0.000	▼
Evolutionary and Institutional Economics Review	0.000	▼
History of Economics Society Bulletin	0.000	▼
International Regional Science Review	0.000	▼
Journal of Academy of Business and Economics	0.000	▼
Journal of International Business and Economics	0.000	▼
Journal of Money Laundering Control	0.000	▼
Journal of Technology Management and Innovation	0.000	▼
Latin American Business Review	0.000	▼
Problemas del Desarrollo	0.000	▼
Revue d'Économie Régionale et Urbaine	0.000	▼
Science & Society	0.000	▼
Journal of Income Distribution	0.000	□
Revue d'Économie Politique	0.000	□
Hitotsubashi Journal of Economics	0.000	□
Economia (Lisboa)	0.000	□
Econômica	0.000	□
Ensaio FEE	0.000	□
Gestão e Produção	0.000	□
História Econômica & História de Empresas	0.000	□
Pesquisa & Debate	0.000	□
Revista de Administração Contemporânea	0.000	□
Revista de Administração de Empresas	0.000	□
Revista Brasileira de Economia de Empresas	0.000	□
Revista da Sociedade Brasileira de Economia Política	0.000	□
Revista de Economia	0.000	□
Revista de Economia e Administração	0.000	□
Revista de Economia e Agronegócio	0.000	□
Economic Development Quarterly	0.000	□
Economics of Planning	0.000	□
Economist (Leiden)	0.000	□
Geographical Analysis	0.000	□
Innovation	0.000	□
International Journal of Technology Management & Sustainable Development	0.000	□
Investigaciones Regionales	0.000	□
Journal of Accounting, Business & Management	0.000	□
Politická Ekonomie	0.000	□
Research in Political Economy	0.000	□
B5 = 5		
Review of Business Research	0.000	▼
Revista de Gestão Economia	0.000	▼
Revista Venezolana de Economía y Ciencias Sociales	0.000	▼
Review of Urban and Regional Development Studies	0.000	▼
Studies in Comparative International Development	0.000	▼
Studies in Political Economy	0.000	▼
Telecommunications Policy	0.000	▼
Análise (PUC-RS)	0.000	□

Economia e Desenvolvimento	0.000	<input type="checkbox"/>
Economia Ensaios	0.000	<input type="checkbox"/>
Estudos do CEPE	0.000	<input type="checkbox"/>
Estudos Econômicos da Construção	0.000	<input type="checkbox"/>
Indicadores Econômicos FEE	0.000	<input type="checkbox"/>
Leituras de Economia Política	0.000	<input type="checkbox"/>
Nexos Econômicos	0.000	<input type="checkbox"/>
Organizações & Sociedade	0.000	<input type="checkbox"/>
Oikos	0.000	<input type="checkbox"/>
Organizações Rurais e Agroindustriais	0.000	<input type="checkbox"/>
Perspectiva Econômica (online)	0.000	<input type="checkbox"/>
Perspectiva Econômica (São Leopoldo)	0.000	<input type="checkbox"/>
Perspectivas (São Paulo)	0.000	<input type="checkbox"/>
Revista de Desenvolvimento Econômico	0.000	<input type="checkbox"/>
Revista da ABET	0.000	<input type="checkbox"/>
Revista de Direito Bancário do Mercado de Capitais e da Arbitragem	0.000	<input type="checkbox"/>
Revista de Direito da Concorrência	0.000	<input type="checkbox"/>
Revista de Economia & Relações Internacionais	0.000	<input type="checkbox"/>
Revista de Economia Mackenzie	0.000	<input type="checkbox"/>
Revista de Política Agrícola	0.000	<input type="checkbox"/>
Revista Gestão & Tecnologia	0.000	<input type="checkbox"/>
Revista Paranaense de Desenvolvimento	0.000	<input type="checkbox"/>
Rveconomia (Rio Verde)	0.000	<input type="checkbox"/>
Teoria e Evidência Econômica	0.000	<input type="checkbox"/>
Textos de Economia	0.000	<input type="checkbox"/>
Actuel Marx	0.000	<input type="checkbox"/>
Journal of Interdisciplinary Economics	0.000	<input type="checkbox"/>
Monthly Review	0.000	<input type="checkbox"/>

Table 6. Rank of the top 50 journals by Kodrzycki and Yu (2006)

Rank	Within economics impact		Overall impact		Policy impact	
	Journal's title	Index	Journal's title	Index	Journal's title	Index
1	AM ECON REV	100.00	J HEALTH ECON	100.00	AM ECON REV	100.00
2	J FINANC	98.67	J HEALTH ECON	69.55	J HEALTH ECON	71.79
3	Q J ECON	88.40	INQUIRY-J HEALTH CAR	39.20	INQUIRY-J HEALTH CAR	70.29
4	ECONOMETRICA	79.86	Q J ECON	28.84	Q J ECON	56.58
5	J FINANC ECON	78.69	AM ECON REV	20.86	J ECON PERSPECT	48.59
6	J POLIT ECON	74.63	J HUM RESOUR	13.30	ECON J	40.39
7	REV FINANC STUD	48.02	J ECON PERSPECT	11.69	WORLD DEV	37.53
8	J ECON THEORY	42.13	J ECON LIT	10.22	HOUS POLICY DEBATE	33.31
9	REV ECON STUD	40.42	ECONOMETRICA	9.62	J ECON LIT	32.73
10	J ECONOMETRICS	35.86	J POLIT ECON	9.03	ECONOMETRICA	30.95
11	J ECON LIT	35.39	J ECONOMETRICS	8.24	J POLIT ECON	24.35
12	J MONETARY ECON	33.31	J RISK UNCERTAINTY	7.82	HEALTH ECON	23.47
13	J ECON PERSPEC	31.80	WORLD DEV	7.27	J POLICY ANAL MANAG	22.85
14	REV ECON STAT	31.52	REV ECON STAT	7.09	J PUBLIC ECON	17.51
15	EUR ECON VER	28.73	J PUBLIC ECON	7.03	J DEV STUD	15.48
16	INT ECON VER	26.60	HOUS POLICY DEBATE	6.91	CAN PUBLIC POL	15.17
17	J INT ECON	24.80	J FINANC	6.12	J FINANC	14.84
18	ECON J	24.78	J ECON PSYCHOL	6.07	J HUM RESOUR	14.69
19	J PUBLIC ECON	24.73	MON LABOR REV	5.65	RAND J ECON	14.64
20	GAME ECON BEHAV	22.62	ECON J	4.80	REV ECON STAT	14.14
21	RAND J ECON	20.54	REV ECON STUD	4.78	J DEV ECON	14.05
22	J MONEY CREDIT BANK	18.66	J POLICY ANAL MANAG	4.77	J URBAN ECON	12.51
23	ECON THEOR	18.11	RAND J ECON	4.39	J ECONOMETRICS	11.80
24	J BUS ECON STAT	17.55	J FINANC ECON	3.94	EUR ECON REV	11.75
25	ECON LETT	15.40	NATL TAX J	3.48	J LABOR ECON	10.32
26	J FINANC QUANT ANAL	14.69	APPL ECON	3.33	REG STUD	10.23
27	J ECON DYN CONTROL	13.87	AM J AGR ECON	3.30	AM J AGR ECON	10.18
28	BROOKINGS PAP ECO A C	13.48	IND LABOR RELAT REV	3.06	DEV CHANGE	9.65
29	NBER MACROECON ANN	12.51	EUR ECON REV	3.01	IND LABOR RELAT REV	8.83
30	J BUS	12.20	J ECON THEORY	2.86	J FINANC ECON	8.34
31	ECONOMET THEOR	11.49	J ECON BEHAV ORGAN	2.64	BROOKINGS PAP ECO AC	8.27
32	J ECON GROWTH	11.10	J MONETARY ECON	2.60	J MONETARY ECON	8.18
33	J DEV ECON	10.64	J INT ECON	2.54	IND RELAT	8.17
34	J LABOR ECON	10.44	ECON INQ	2.47	J LAW ECON	7.90
35	J BANK FINANC	9.75	IDS BULL-I DEV STUD	2.38	J ENVIRON ECON MANAG	7.77
36	J HUM RESOUR	9.14	J ENVIRON ECON MANAG	2.24	J BUS ECON STAT	7.55
37	J ECON BEHAV ORGAN	9.13	J LAW ECON	2.15	REV ECON STUD	7.42
38	REV ECON DYNAM	8.92	INT ECON REV	2.14	IDS BULL-I DEV STUD	6.98
39	CAN J ECON	8.35	J LABOR ECON	2.14	J INT ECON	6.92
40	J ACCOUNT ECON	8.20	J DEV ECON	2.13	LAND ECON	6.79
41	J APPL ECONOM	8.07	J DEV STUD	2.08	FISC STUD	6.57
42	J MATH ECON	7.75	J PROD ANAL	2.03	NATL TAX J	6.26
43	J INT MONEY FINANC	7.71	REV FINANC STUD	2.00	CAN J ECON	6.05
44	MACROECON DYN	7.05	GAME ECON BEHAV	1.99	ECON INQ	6.01
45	SOC CHOICE WELFARE	6.88	SOUTH ECON J	1.98	BRIT J IND RELAT	5.97
46	J IND ECON	6.67	J BUS ECON STAT	1.98	J PROD ANAL	5.97
47	INT J IND ORGAN	6.61	ECON LETT	1.81	WORLD BANK ECON REV	5.94
48	INT J GAME THEORY	6.31	LAND ECON	1.70	ECON DEV CULT CHANGE	5.56
49	J ENVIRON ECON MANAG	6.17	ECOL ECON	1.65	J ACCOUNT ECON	5.48
50	J FINANC INTERMED	6.11	CONTEMP ECON POLICY	1.61	J MONEY CREDIT BANK	5.45