

Gravity with Gravititas: A Solution to the Border Puzzle

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Gravity equations have been widely used to infer trade flow effects of various institutional arrangements. We show that estimated gravity equations do not have a theoretical foundation. This implies both that estimation suffers from omitted variables bias and that comparative statics analysis is unfounded. We develop a method that (i) consistently and efficiently estimates a theoretical gravity equation and (ii) correctly calculates the comparative statics of trade frictions. We apply the method to solve the famous McCallum border puzzle. Applying our method, we find that national borders reduce trade between industrialized countries by moderate amounts of 20–50 percent. (JEL F10, F15)

The gravity equation is one of the most empirically successful in economics. It relates bilateral trade flows to GDP, distance, and other factors that affect trade barriers. It has been widely used to infer trade flow effects of institutions such as customs unions, exchange-rate mechanisms, ethnic ties, linguistic identity, and international borders. Contrary to what is often stated, the empirical gravity equations do not have a theoretical foundation. The theory, first developed by Anderson (1979), tells us that after controlling for size, trade between two regions is decreasing in their bilateral trade barrier relative to the *average* barrier of the two regions to trade with all their partners. Intuitively, the more resistant to trade with all others a region is, the more it is pushed to trade with a given bilateral partner. We will refer to the theoretically appropriate average trade barrier as “multilateral resistance.” The empirical gravity literature either does not include any form of multilateral resistance in the analysis or in-

cludes an atheoretic “remoteness” variable related to distance to all bilateral partners. The remoteness index does not capture any of the other trade barriers that are the focus of the analysis. Moreover, even if distance were the only bilateral barrier, its functional form in the remoteness index is at odds with the theory.¹

The lack of theoretical foundation of empirical gravity equations has two important implications. First, estimation results are biased due to omitted variables. Second, and perhaps even more important, one cannot conduct comparative statics exercises, even though this is generally the purpose of estimating gravity equations.² In order to conduct a comparative statics exercise, such as asking what the effects are of removing certain trade barriers, one has to be able to solve the general-equilibrium model before and after the removal of trade barriers. In this paper we will (i) develop a method that consistently and efficiently estimates a theoretical gravity equation, (ii) use the estimated general-equilibrium gravity model to conduct comparative statics exercises of the ef-

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¹ Jeffrey H. Bergstrand (1985, 1989) acknowledges the multilateral resistance term and deals with its time-series implications, but is unable to deal with the cross-section aspects which are crucial for proper treatment of bilateral trade barriers. Anderson and Douglas Marcouiller (2002) use a Törnqvist approximation to the multilateral resistance term which handles the cross-section variation of bilateral barriers.

² Recently, some authors (e.g., David Hummels, 1999) control for multilateral resistance in estimation with fixed effects, but cannot consistently do comparative statics on this basis.

fect of trade barriers on trade flows, and (iii) apply the theoretical gravity model to resolve the “border puzzle.”

One of the most celebrated inferences from the gravity literature is John McCallum’s (1995) finding that the U.S.–Canadian border led to 1988 trade between Canadian provinces that is a factor 22 (2,200 percent) times trade between U.S. states and Canadian provinces. Maurice Obstfeld and Kenneth Rogoff (2001) pose it as one of their six puzzles of open economy macroeconomics. John F. Helliwell and McCallum (1995) document its violation of economists’ prior beliefs. Gene Grossman (1998) says it is an unexpected result, even more surprising than Daniel Treffer’s (1995) “mystery of the missing trade.” A rapidly growing literature is aimed at measuring and understanding trade border effects.³ So far none of the subsequent research has explained McCallum’s finding. We solve the border puzzle in this paper by applying the theory of the gravity equation seriously both to estimation and to the general-equilibrium comparative statics of borders.

The first step in solving the border puzzle is to estimate the gravity equation correctly based on the theory. In doing so we aim to stay as close as possible to McCallum’s (1995) gravity equation, in which bilateral trade flows between two regions depend on the output of both regions, their bilateral distance, and whether they are separated by a border. The theory modifies McCallum’s equation only by adding the multilateral resistance variables. The second step in solving the border puzzle is to conduct the general-equilibrium comparative statics exercise of removing the U.S.–Canada border barrier in order to determine the effect of the border on trade flows. The primary concern of policy makers and macroeconomic analysts is the impact of borders on *international* trade. McCallum’s regression model (and the subsequent literature following him) cannot validly be used

to infer such border effects.⁴ In contrast, our theoretically grounded approach can be used to compute the impact of borders both on *intranational* trade (within a country) and international trade. Applying our approach to 1993 data, we find that borders reduce trade between the United States and Canada by 44 percent, while reducing trade among other industrialized countries by 29 percent. While not negligible, we consider these to be plausibly moderate impacts of borders on international trade.

Two factors contribute to making McCallum’s *ceteris paribus* ratio of interprovincial to province–state trade so large. First, his estimate is based on a regression with omitted variables, the multilateral resistance terms. Estimating McCallum’s regression for 1993 data we find a ratio of 16.4, while our calculation based on asymptotically unbiased structural estimation and the computed general-equilibrium comparative statics of border removal implies a ratio of 10.7. Second, the magnitude of both ratios largely reflects the small size of the Canadian economy. If we estimate McCallum’s regression with U.S. data, we find that trade between states is only a factor 1.5 times trade between states and provinces. The intuition is simple in the context of the model. Even a moderate barrier between Canada and the rest of the world has a large effect on multilateral resistance of the provinces because Canada it is a small open economy that trades a lot with the rest of the world (particularly the United States). This significantly raises interprovincial trade, by a factor 6 based on our estimated model. In contrast, the multilateral resistance of U.S. states is much less affected by a border barrier since it does not affect the barrier between a state and the rest of the large U.S. economy. Therefore trade between the states is not much increased by border barriers.

To a large extent the contribution of this paper is methodological. Our specification can be applied in many different contexts in which various aspects of implicit trade barriers are the focus. Gravity equations similar to McCallum’s have been estimated to determine the impact of trade unions,⁵ monetary

³ See Hans Messinger (1993), Helliwell and McCallum (1995), Helliwell (1996, 1997, 1998), Shang-Jin Wei (1996), Russell Hillberry (1998, 1999, 2001), Michael A. Anderson and Stephen L. S. Smith (1999a, b), Jon Haveman and Hummels (1999), Hummels (1999), Natalie A. Chen (2000), Carolyn L. Evans (2000a, b), Holger Wolf (2000), Keith Head and John Ries (2001), Helliwell and Genevieve Verdier (2001), and Hillberry and Hummels (2002).

⁴ McCallum cautiously did not claim that his estimated factor 22 implied that removal of the border would raise Canada–U.S. trade relative to within-Canada trade by 2,200 percent.

⁵ See Jeffrey Frankel et al. (1998).

unions,⁶ different languages, adjacency, and a variety of other factors; all can be improved with our methods. Authors have, like McCallum, often hesitated to draw comparative static inferences from their estimates. Using our methods, they can. Gravity equations have also been applied to migration flows, equity flows, and FDI flows.⁷ Here there is no received theory to apply, consistently or not, but our results suggest the fruitfulness of theoretical foundations.

The remainder of the paper is organized as follows. In Section I we will provide some results based on McCallum's gravity equation. The main new aspect of this section is that we also report the results from the U.S. perspective, comparing interstate trade to state-province trade. In Section II we derive the theoretical gravity equation. The main innovation here is to rewrite it in a simple symmetric form, relating bilateral trade to size, bilateral trade barriers, and multilateral resistance variables. Section III discusses the procedure for estimating the theoretical gravity equation, both for a two-country version of the model, consisting of the United States and Canada, and for a multicountry version that also includes all other industrialized countries. The results are discussed in Section IV. Section V performs sensitivity analysis, and the final section concludes.

I. The McCallum Gravity Equation

McCallum (1995) estimated the following equation:

$$(1) \quad \ln x_{ij} = \alpha_1 + \alpha_2 \ln y_i + \alpha_3 \ln y_j \\ + \alpha_4 \ln d_{ij} + \alpha_5 \delta_{ij} + \varepsilon_{ij}.$$

Here x_{ij} is exports from region i to region j , y_i and y_j are gross domestic production in regions

i and j , d_{ij} is the distance between regions i and j , and δ_{ij} is a dummy variable equal to one for interprovincial trade and zero for state-province trade. For the year 1988 McCallum estimated this equation using data for all 10 provinces and for 30 states that account for 90 percent of U.S.-Canada trade. In this section we will also report results when estimating equation (1) from the U.S. perspective. In that case the dummy variable is one for interstate trade and zero for state-province trade. We also report results when pooling all data, in which case there are two dummy variables. The first is one for interprovincial trade and zero otherwise, while the second is one for interstate trade and zero otherwise.

The data are discussed in Appendix A. Without going into detail here, a couple of comments are useful. The interprovincial and state-province trade data are from different divisions of Statistics Canada, while the interstate trade data are from the Commodity Flow Survey conducted by the Bureau of the Census. We follow McCallum by applying adjustment factors to the original data in order to make them as closely comparable as possible. All results reported below are for the year 1993, for which the interstate data are available. We follow McCallum and others by using data for only 30 states.

The results from estimating (1) are reported in Table 1. The first three columns report results for, respectively, (i) state-province and interprovincial trade, (ii) state-province and interstate trade, (iii) state-province, interprovincial, and interstate trade. In the latter case there are separate border dummies for within-U.S. trade and within-Canada trade. The final three columns report the same results after imposing unitary coefficients on the GDP variables. This makes comparison with our theoretically based gravity equation results easier because the theory imposes unitary coefficients.

Border-Canada is the exponential of the Canadian dummy variable coefficient, α_5 , which gives us the effect of the border on the ratio of interprovincial trade to state-province trade after controlling for distance and size. Similarly, *Border-U.S.* is the exponential of the coefficient on the U.S. dummy variable, which gives the effect of the border on the ratio of interstate trade to state-province trade after controlling for distance and size.

Four conclusions can be reached from the

⁶ Andrew K. Rose (2000) finds that trade among countries in a monetary union is three times the size of trade among countries that are not in a monetary union, holding other trade costs constant. Rose and van Wincoop (2001) apply the theory developed in this paper to compute the effect of monetary unions on bilateral trade.

⁷ The first application to migration flows dates from the nineteenth-century writings by Ernst G. Ravenstein (1885). For a more recent application see Helliwell (1997). Richard Portes and Helene Rey (1998) applied a gravity equation to bilateral equity flows. Paul Brenton et al. (1999) apply the gravity equation to FDI flows.

TABLE 1—MCCALLUM REGRESSIONS

Data	McCallum regressions			Unitary income elasticities		
	(i) CA-CA CA-US	(ii) US-US CA-US	(iii) US-US CA-CA CA-US	(iv) CA-CA CA-US	(v) US-US CA-US	(vi) US-US CA-CA CA-US
Independent variable						
$\ln y_i$	1.22 (0.04)	1.13 (0.03)	1.13 (0.03)	1	1	1
$\ln y_j$	0.98 (0.03)	0.98 (0.02)	0.97 (0.02)	1	1	1
$\ln d_{ij}$	-1.35 (0.07)	-1.08 (0.04)	-1.11 (0.04)	-1.35 (0.07)	-1.09 (0.04)	-1.12 (0.03)
<i>Dummy-Canada</i>	2.80 (0.12)		2.75 (0.12)	2.63 (0.11)		2.66 (0.12)
<i>Dummy-U.S.</i>		0.41 (0.05)	0.40 (0.05)		0.49 (0.06)	0.48 (0.06)
<i>Border-Canada</i>	16.4 (2.0)		15.7 (1.9)	13.8 (1.6)		14.2 (1.6)
<i>Border-U.S.</i>		1.50 (0.08)	1.49 (0.08)		1.63 (0.09)	1.62 (0.09)
\bar{R}^2	0.76	0.85	0.85	0.53	0.47	0.55
Remoteness variables added						
<i>Border-Canada</i>	16.3 (2.0)		15.6 (1.9)	14.7 (1.7)		15.0 (1.8)
<i>Border-U.S.</i>		1.38 (0.07)	1.38 (0.07)		1.42 (0.08)	1.42 (0.08)
\bar{R}^2	0.77	0.86	0.86	0.55	0.50	0.57

Notes: The table reports the results of estimating a McCallum gravity equation for the year 1993 for 30 U.S. states and 10 Canadian provinces. In all regressions the dependent variable is the log of exports from region i to region j . The independent variables are defined as follows: y_i and y_j are gross domestic production in regions i and j ; d_{ij} is the distance between regions i and j ; *Dummy-Canada* and *Dummy-U.S.* are dummy variables that are one when both regions are located in respectively Canada and the United States, and zero otherwise. The first three columns report results based on nonunitary income elasticities (as in the original McCallum regressions), while the last three columns assume unitary income elasticities. Results are reported for three different sets of data: (i) state-province and interprovincial trade, (ii) state-province and interstate trade, (iii) state-province, interprovincial, and interstate trade. The border coefficients *Border-U.S.* and *Border-Canada* are the exponentials of the coefficients on the respective dummy variables. The final three rows report the border coefficients and \bar{R}^2 when the remoteness indices (3) are added. Robust standard errors are in parentheses.

table. First, we confirm a very large border coefficient for Canada. The first column shows that, after controlling for distance and size, interprovincial trade is 16.4 times state-province trade. This is only somewhat lower than the border effect of 22 that McCallum estimated based on 1988 data. Second, the U.S. border coefficient is much smaller. The second column tells us that interstate trade is a factor 1.50 times state-province trade after controlling for distance and size. We will show below that this large difference between the Canadian and U.S. border coefficients is exactly what the theory predicts. Third, these border coefficients are very similar when pooling all the data. Finally, the border coefficients are also similar

when unitary income coefficients are imposed. With pooled data and unitary income coefficients (last column), the Canadian border coefficient is 14.2 and the U.S. border coefficient is 1.62.

The bottom of the table reports results when remoteness variables are added. We use the definition of remoteness that has been commonly used in the literature following McCallum's paper. The regression then becomes

$$(2) \quad \ln x_{ij} = \alpha_1 + \alpha_2 \ln y_i + \alpha_3 \ln y_j + \alpha_4 \ln d_{ij} \\ + \alpha_5 \ln REM_i + \alpha_6 \ln REM_j \\ + \alpha_7 \delta_{ij} + \varepsilon_{ij}$$

where the remoteness of region i is

$$(3) \quad REM_i = \sum_{m \neq j} d_{im}/y_m.$$

This variable is intended to reflect the average distance of region i from all trading partners other than j . Although these remoteness variables are commonly used in the literature, we will show in the next section that they are entirely disconnected from the theory. Table 1 shows that adding remoteness indices for both regions changes the border coefficient estimates very little and also has very little additional explanatory power based on the adjusted R^2 .

II. The Gravity Model

The empirical literature cited above pays no more than lip service to theoretical justification. We show in this section how taking the existing gravity theory seriously provides a different model to estimate with a much more useful interpretation.

Anderson (1979) presented a theoretical foundation for the gravity model based on constant elasticity of substitution (CES) preferences and goods that are differentiated by region of origin. Subsequent extensions (Bergstrand, 1989, 1990; Alan V. Deardoff, 1998) have preserved the CES preference structure and added monopolistic competition or a Heckscher-Ohlin structure to explain specialization. A contribution of this paper is our manipulation of the CES expenditure system to derive an operational gravity model with an elegantly simple form. **On this basis we derive a decomposition of trade resistance into three intuitive components: (i) the bilateral trade barrier between region i and region j , (ii) i 's resistance to trade with all regions, and (iii) j 's resistance to trade with all regions.**

The first building block of the gravity model is that all goods are differentiated by place of origin. We assume that each region is specialized in the production of only one good.⁸ The supply of each good is fixed.

⁸ With this assumption we suppress finer classifications of goods. Our purpose is to reveal resistance to trade on average, with special reference to the proper treatment of international borders. Resistance to trade does differ among goods, so there is something to be learned from disaggregation.

The second building block is identical, homothetic preferences, approximated by a CES utility function. If c_{ij} is consumption by region j consumers of goods from region i , consumers in region j maximize

$$(4) \quad \left(\sum_i \beta_i^{(1-\sigma)/\sigma} c_{ij}^{(\sigma-1)/\sigma} \right)^{\sigma/(\sigma-1)}$$

subject to the budget constraint

$$(5) \quad \sum_i p_{ij} c_{ij} = y_j.$$

Here σ is the elasticity of substitution between all goods, β_i is a positive distribution parameter, y_j is the nominal income of region j residents, and p_{ij} is the price of region i goods for region j consumers. Prices differ between locations due to trade costs that are not directly observable, and the main objective of the empirical work is to identify these costs. Let p_i denote the exporter's supply price, net of trade costs, and let t_{ij} be the trade cost factor between i and j . Then $p_{ij} = p_i t_{ij}$.

We assume that the trade costs are borne by the exporter. We have in mind information costs, design costs, and various legal and regulatory costs as well as transport costs. The new empirical literature on the export behavior of firms (Mark Roberts and James Tybout, 1997; Andrew Bernard and Joachim Wagner, 2001) emphasizes the large costs facing exporters. Formally, we assume that for each good shipped from i to j the exporter incurs export costs equal to $t_{ij} - 1$ of country i goods. The exporter passes on these trade costs to the importer. The nominal value of exports from i to j (j 's payments to i) is $x_{ij} = p_{ij} c_{ij}$, the sum of the value of production at the origin, $p_i c_{ij}$ and the trade cost $(t_{ij} - 1) p_i c_{ij}$ that the exporter passes on to the importer. Total income of region i is therefore $y_i = \sum_j x_{ij}$.⁹

⁹ The model is essentially the same when adopting the "iceberg melting" structure of the economic geography literature, whereby a fraction $(t_{ij} - 1)/t_{ij}$ of goods shipped is lost in transport. The only small difference is that observed free on board (f.o.b.) trade data do not include transportation costs, while they do include costs that are borne by the exporter and passed on to the importer. When transportation costs are the only trade costs, the observed f.o.b. trade flows

The nominal demand for region i goods by region j consumers satisfying maximization of (4) subject to (5) is

$$(6) \quad x_{ij} = \left(\frac{\beta_i p_i t_{ij}}{P_j} \right)^{(1-\sigma)} y_j,$$

where P_j is the consumer price index of j , given by

$$(7) \quad P_j = \left[\sum_i (\beta_i p_i t_{ij})^{1-\sigma} \right]^{1/(1-\sigma)}.$$

The general-equilibrium structure of the model imposes market clearance, which implies:

$$(8) \quad \begin{aligned} y_i &= \sum_j x_{ij} \\ &= \sum_j (\beta_i t_{ij} p_i / P_j)^{1-\sigma} y_j \\ &= (\beta_i p_i)^{1-\sigma} \sum_j (t_{ij} / P_j)^{1-\sigma} y_j, \quad \forall i. \end{aligned}$$

To derive the gravity equation, Dearnorff (1998) followed Anderson (1979) in using market clearance (8) to solve for the coefficients $\{\beta_i\}$ while imposing the choice of units such that all supply prices p_i are equal to one and then substituting into the import demand equation.¹⁰ Because we are interested in the general-equilibrium determination of prices and in comparative statics where these will change, we apply the same technique to solve for the scaled prices $\{\beta_i p_i\}$ from the market-clearing conditions (8) and substitute them in the demand equation (6). Define world nominal income by $y^W \equiv \sum_j y_j$ and income shares by $\theta_j \equiv y_j / y^W$. The technique yields

are equal to $p_i c_{ij}$. The same is the case when the costs are borne by the importer. While we believe that most trade costs are borne by the exporter, particularly for U.S.–Canada trade where formal import barriers are very low, this is not critical to the findings of the paper; the results would be similar when assuming that observed trade flows are equal to $p_i c_{ij}$.

¹⁰ Dearnorff simplified by abstracting from the multiple goods classes which Anderson allowed in his Appendix on the CES case.

$$(9) \quad x_{ij} = \frac{y_i y_j}{y^W} \left(\frac{t_{ij}}{\Pi_i P_j} \right)^{1-\sigma}$$

where

$$(10) \quad \Pi_i \equiv \left(\sum_j (t_{ij} / P_j)^{1-\sigma} \theta_j \right)^{1/(1-\sigma)}.$$

Substituting the equilibrium scaled prices into (7), we obtain

$$(11) \quad P_j = \left(\sum_i (t_{ij} / \Pi_i)^{1-\sigma} \theta_i \right)^{1/(1-\sigma)}.$$

Taken together, (10) and (11) can be solved for all Π_i 's and P_i 's in terms of income shares $\{\theta_i\}$, bilateral trade barriers $\{t_{ij}\}$ and σ .

We achieve a very useful simplification by assuming that the trade barriers are symmetric, that is, $t_{ij} = t_{ji}$.¹¹ Under symmetry it is easily verified that a solution to (10)–(11) is $\Pi_i = P_i$ with:

$$(12) \quad P_j^{1-\sigma} = \sum_i P_i^{\sigma-1} \theta_i t_{ij}^{1-\sigma} \forall j.$$

This provides an implicit solution to the price indices as a function of all bilateral trade barriers and income shares.¹² The gravity equation then becomes

$$(13) \quad x_{ij} = \frac{y_i y_j}{y^W} \left(\frac{t_{ij}}{P_i P_j} \right)^{1-\sigma}.$$

¹¹ There are many equilibria with asymmetric barriers that lead to the same equilibrium trade flows as with symmetric barriers, so that empirically they are impossible to distinguish. In particular, if λ_i and λ_j are region-specific constants, multiplying t_{ij} by $\lambda_j / \lambda_i \forall i, j$ leads to the same equilibrium trade flows [p_i is multiplied by λ_i and P_j is multiplied by λ_j in (8)]. The product of the trade barriers in different directions remains the same though. If the λ 's are country specific, but differ across countries, we have introduced asymmetric border barriers across countries, while the product of border barriers remains the same. We can therefore interpret the border barriers we estimate in this paper as an average of the barriers in both directions. Our analysis suggests that inferential identification of the asymmetry is problematic.

¹² The solution for the equilibrium price indexes from (12) can be shown to be unique. If we denote by $\bar{P}_i = \bar{\Pi}_i$ the solution to (12), the general solution to (10)–(11) is $P_i = \lambda \bar{P}_i$ and $\Pi_i = \bar{\Pi}_i / \lambda$ for any nonzero λ . The solution (12) therefore implicitly adopts a particular normalization.

Our basic gravity model is (13) subject to (12). Equation (13) significantly simplifies expressions derived by Anderson (1979) and Dear-dorff (1998), while our simultaneous use of the market-clearing constraints to obtain the equilibrium price indexes in (12) is a significant innovation that will allow us to estimate the gravity equation and therefore make it operational.

We will refer to the price indices $\{P_i\}$ as “multilateral resistance” variables as they depend on all bilateral resistances $\{t_{ij}\}$, including those not directly involving i . A rise in trade barriers with all trading partners will raise the index. For example, in the absence of trade barriers (all $t_{ij} = 1$) it follows immediately from (12) that all price indices are equal to 1. Below we will show that a marginal increase in cross-country trade barriers will raise all price indices above 1.

While the P_i are consumer price indices in the model, that would not be a proper interpretation of these indices more generally. One can derive exactly the same gravity equation and solution to the P_i when trade costs are nonpecuniary. An example is home bias in preferences, whereby c_{ij} in the utility function is replaced by c_{ij}/t_{ij} . In that case P_i no longer represents the consumer price index and the border barrier includes home bias.

The gravity equation tells us that bilateral trade, after controlling for size, depends on the bilateral trade barrier between i and j , relative to the product of their multilateral resistance indices. It is easy to see why higher multilateral resistance of the importer j raises its trade with i . For a given bilateral barrier between i and j , higher barriers between j and its other trading partners will reduce the relative price of goods from i and raise imports from i . Higher multilateral resistance of the exporter i also raises trade. Higher trade barriers faced by an exporter will lower the demand for its goods and therefore its supply price p_i . For a given bilateral barrier between i and j , this raises the level of trade between them.

The gravity model (13), subject to (12), implies that bilateral trade is homogeneous of degree zero in trade costs, where these include the costs of shipping within a region, t_{ii} . This follows because the equilibrium multilateral resistances P_i are homogeneous of degree $\frac{1}{2}$ in the trade costs. The economics behind the formal result is that the constant vector of real products must be distributed despite higher trade costs.

The rise in trade costs is offset by the fall in supply prices [they are homogeneous of degree minus $\frac{1}{2}$ in trade costs, based on (7) and the homogeneity of the equilibrium multilateral resistances] required to achieve shipment of the same volume. The invariance of trade to uniform decreases in trade costs may offer a clue as to why the usual gravity model estimation has not found trade becoming less sensitive to distance over time (Barry Eichengreen and Douglas A. Irwin, 1998).

The key implication of the theoretical gravity equation is that trade between regions is determined by *relative* trade barriers. Trade between two regions depends on the bilateral barrier between them relative to average trade barriers that both regions face with all their trading partners. This insight has many implications for the impact of trade barriers on trade flows. Here we will focus on one important set of implications related to the size of countries because they are useful in interpreting the findings in Section IV. Consider the simple thought experiment of a uniform rise in border barriers between all countries. For simplicity we assume that each region i is a frictionless country. We will discuss three general-equilibrium comparative static implications of this experiment, which are listed below.

IMPLICATION 1: Trade barriers reduce size-adjusted trade between large countries more than between small countries.

IMPLICATION 2: Trade barriers raise size-adjusted trade within small countries more than within large countries.

IMPLICATION 3: Trade barriers raise the ratio of size-adjusted trade within country 1 relative to size-adjusted trade between countries 1 and 2 by more the smaller is country 1 and the larger is country 2.

The experiment amounts to a marginal increase in trade barriers *across* all countries, so $dt_{ij} = dt$, $i \neq j$; $dt_{ii} = 0$. Frictionless initial equilibrium implies $t_{ij} = 1 \forall i, j \Rightarrow P_i = 1$. Differentiating (12) at $t_{ij} = 1$, $\forall i, j$ yields¹³

¹³ To obtain this expression we differentiate totally at $t_{ij} = 1 = P_i$ to obtain

$$(14) \quad dP_i = \left(\frac{1}{2} - \theta_i + \frac{1}{2} \sum_k \theta_k^2 \right) dt.$$

Thus a uniform increase in trade barriers raises multilateral resistance more for a small country than a large country.¹⁴ In a two-country example, where the small country's income is 10 percent of the total, a 20-percent trade barrier raises the price index of the large country by 0.2 percent, while raising the price index of the small country by 16 percent. This is not unlike the U.S.–Canada example to which the model will be applied later. For a very large country multilateral resistance is not much affected because increased trade barriers do not apply to trade within the country. For a small country trade is more important and trade barriers therefore have a bigger effect on multilateral resistance.

Equation (14) implies that the level of trade between countries *i* and *j*, after controlling for size, changes by

$$(15) \quad d \left(x_{ij} \frac{y^W}{y_i y_j} \right) = -(\sigma - 1) \left[\theta_i + \theta_j - \sum_k \theta_k^2 \right] dt.$$

This implies that trade between large countries drops more than trade between small countries (Implication 1). While two small countries face a larger bilateral trade barrier, they face the same increase in trade barriers with almost the entire world. Bilateral trade depends on the relative trade resistance $t_{ij}/P_i P_j$. Since multilateral trade resistance rises much more for small countries than for large countries, relative trade re-

sistance rises less for small countries, so that their bilateral trade drops less.¹⁵

Equation (14) also implies that trade within a country *i*, after controlling for size, increases by

$$(16) \quad d \left(x_{ii} \frac{y^W}{y_i y_i} \right) = (\sigma - 1) \left[1 - 2\theta_i + \sum_k \theta_k^2 \right] dt.$$

Therefore trade within a small country increases more than trade within a large country (Implication 2). A rise in multilateral resistance implies a drop in relative resistance $t_{ii}/P_i P_i$ for intranational trade. The drop is larger for small countries that face a bigger increase in multilateral resistance.

Implication 3 follows from the previous two. After controlling for size, trade within country *i* relative to trade between countries *i* and *j* rises by

$$(17) \quad d \left(\frac{x_{ii}/y_i y_i}{x_{ij}/y_i y_j} \right) = (\sigma - 1) [1 - \theta_i + \theta_j] dt.$$

The increase is larger the smaller *i* and the bigger *j*. We already knew from Implication 2 that intranational trade rises most for small countries. From Implication 1 we also know that for a given small country international trade drops most with large countries.

The implications relating to size are much more general than the specifics of the model might suggest. Consider the following example without any reference to gravity equations and multilateral resistance variables. A small economy with two regions and a large economy with 100 regions engage in international trade. All regions have the same GDP. What matters here is not the number of regions, but the relative size of the two economies as measured by total GDP. We only introduce regions in this example because it is illustrative in the context of the U.S. states and Canadian provinces that are the focus of the empirical analysis. Under borderless

$$dP_j = \sum_i \theta_i dt_{ij} - \sum_i \theta_i dP_i + \frac{1}{1 - \sigma} \sum_i d\theta_i.$$

$\sum_i d\theta_i = 0$, since the sum of the shares is equal to one. Multiplying each equation by θ_j and summing using $dt_{ij} = dt$, $i \neq j$, $dt_{ii} = 0$, we solve for $\sum \theta_j dP_j = (1 - \sum \theta_j^2) dt/2$ and thus $dP_i = (\frac{1}{2} - \theta_i + \sum \theta_j^2/2) dt$.

¹⁴ Country size is determined by the endowment of the goods. It can be shown that at the frictionless equilibrium, a rise in country *i*'s endowment will lower its supply price p_i , raise all other supply prices, and with $\sigma > 1$ this will raise θ_i and lower the other income shares. Thus we treat θ_i as an exogenous variable for the purposes of talking about country size.

¹⁵ As is immediately clear from (15), trade between two small countries can even rise after a uniform increase in trade barriers. This is because the pre-barrier prices p_i drop more in small countries than in large countries as small countries are more affected by a drop in foreign demand. This makes it more attractive for small countries to trade with each other than with large countries.

trade, all regions sell one unit of one good to all 102 regions (including themselves). Now impose a barrier between the small and the large country, reducing trade between the two countries by 20 percent. Region 1 in the small country then reduces its exports to the large country by 20. It sells ten more goods to itself and ten more goods to region 2 in the small country. Trade between the two regions in the small country rises by a factor 11, while trade between two regions in the large country rises by a factor of only 1.004 (an illustration of Implication 2 above). This shows that even a small drop in international trade can lead to a very large increase in trade within a small country. Trade between the two regions in the small country is now 13.75 times trade between regions in both countries, while trade between two regions in the large country is only 1.255 times trade between regions in the two countries (an illustration of Implication 3).

The final step in our theoretical development of the gravity equation is to model the unobservable trade cost factor t_{ij} . We follow other authors in hypothesizing that t_{ij} is a loglinear function of observables, bilateral distance d_{ij} , and whether there is an international border between i and j :

$$(18) \quad t_{ij} = b_{ij} d_{ij}^{\rho}$$

$b_{ij} = 1$ if regions i and j are located in the same country. Otherwise b_{ij} is equal to one plus the tariff equivalent of the border barrier between the countries in which the regions are located. Other investigators have added other factors related to trade barriers, such as adjacency and linguistic identity. We have chosen the trade costs specification (18) to stay as close as possible to McCallum's (1995) equation, so that we can keep the focus on the multilateral resistance indices that are absent from McCallum's analysis.

We can now compare the theoretical gravity equation with that estimated in the empirical literature. The theory implies that

$$(19) \quad \begin{aligned} \ln x_{ij} = & k + \ln y_i + \ln y_j + (1 - \sigma)\rho \ln d_{ij} \\ & + (1 - \sigma)\ln b_{ij} - (1 - \sigma)\ln P_i \\ & - (1 - \sigma)\ln P_j \end{aligned}$$

where k is a constant. The key difference between (20) and equation (1) estimated by McCallum is the two price index terms. The omitted multilateral resistance variables are functions of all bilateral trade barriers t_{ij} through (12), which in turn are a function of d_{ij} and b_{ij} through the trade cost equation (18). Since the multilateral resistance terms are therefore correlated with d_{ij} and b_{ij} , they create omitted variable bias when the coefficient of the distance and border variables is interpreted as $(1 - \sigma)\rho$ and $(1 - \sigma)\ln b_{ij}$. Our multilateral resistance variables bear some resemblance to "remoteness" indexes such as (3) that have been included in gravity equation estimates subsequent to McCallum's paper. But the latter do not include border barriers and even without border barriers the functional form is entirely disconnected from the theory. Finally, our multilateral resistance variables as equilibrium constructs are functions of all bilateral resistances in the solution to (12).

A small difference between the theory and the empirical literature is that the theoretical gravity equation imposes unitary income elasticities. Anderson (1979) provided a rationale for earlier (and subsequent) empirical gravity work that estimates nonunitary income elasticities. He allowed for nontraded goods and assumed a reduced-form function of the expenditure share falling on traded goods as a function of total income. We already found in Section I that imposing unitary income elasticities has little effect on McCallum's border estimates. We will therefore impose unitary income elasticities in most of the analysis, leaving an extension to nonunitary elasticities to sensitivity analysis.

III. Estimation

We implement the theory both in the context of a two-country model, consisting of the United States and Canada, and a multicountry model that also includes other industrialized countries. The latter approach is obviously more realistic as it takes into account that the United States and Canada also trade with other countries. It has the additional advantage that it delivers an estimate of the impact of border barriers on trade among the other industrialized countries. We first discuss the two-country model and then the multicountry model.

A. Two-Country Model

In the two-country model we estimate the gravity equation for trade flows among the same 30 states and 10 provinces as in McCallum (1995). We do not include in the sample the other 21 regions (20 states plus the District of Columbia), which account for about 15 percent of U.S. GDP, and trade flows internal to a state or province. However, in order to compute the multilateral resistance variables for the regions in our sample, we do need to use information on size and distance associated with the other 21 regions and we also need to use information on the distances within regions. We simplify by aggregating the other 21 regions into one region, defining the distance between this region and region i in our sample as the GDP weighted average of the distance between i and each of the 21 regions that make up the new region. There is no obvious way to compute distances internal to a region. Fortunately, as we will show in Section V, our results are not very sensitive to assumptions about internal distance. We use the proxy developed by Wei (1996), which is one-fourth the distance of a region's capital from the nearest capital of another region.¹⁶

In the two-country model $b_{ij} = b^{1-\delta_{ij}}$, where $b - 1$ represents the tariff-equivalent U.S.–Canada border barrier and δ_{ij} is the same dummy variable as in Section I, equal to one if i and j are in the same country and zero otherwise.

We estimate a stochastic form of (13):

$$(20) \quad \ln z_{ij} \equiv \ln\left(\frac{x_{ij}}{y_i y_j}\right) \\ = k + a_1 \ln d_{ij} + a_2(1 - \delta_{ij}) \\ - \ln P_i^{1-\sigma} - \ln P_j^{1-\sigma} + \varepsilon_{ij}$$

where $a_1 = (1 - \sigma)\rho$ and $a_2 = (1 - \sigma)\ln b$. To stay as close as possible to McCallum's (1995) regression we have simply added an

error term to the logarithmic form of the gravity equation, which one can think of as reflecting measurement error in trade. Apart from the unitary income elasticities, the only difference with McCallum (1995) is the presence of the two multilateral resistance terms.

The multilateral resistance terms are not observable. As discussed above, the price indices in general cannot be interpreted as consumer price levels.¹⁷ The observables in our model are distances, borders, and income shares. Using the 41 goods market-equilibrium conditions (12) and the trade cost function (18), we can solve for the vector of the $P_i^{1-\sigma}$ as an implicit function of observables and model parameters a_1 and a_2 :

$$(21) \quad P_j^{1-\sigma} = \sum_i P_i^{\sigma-1} \theta_i e^{a_1 \ln d_{ij} + a_2(1-\delta_{ij})} \\ j = 1, \dots, 41.$$

After substituting the implicit solutions for the $P_i^{1-\sigma}$ in (21), the gravity equation to be estimated becomes:

$$(22) \quad \ln \mathbf{z} = h(\mathbf{d}, \boldsymbol{\delta}, \boldsymbol{\theta}; k, a_1, a_2) + \boldsymbol{\varepsilon}$$

where \mathbf{z} , \mathbf{d} , $\boldsymbol{\delta}$, $\boldsymbol{\theta}$, and $\boldsymbol{\varepsilon}$ are vectors that contain all the elements of the corresponding variables with subscripts, and $h(\cdot)$ is the right-hand side of (20) after substituting the equilibrium $P_i^{1-\sigma}$ and $P_j^{1-\sigma}$.

The right-hand side is now written explicitly as a function of observables. We estimate (22) with nonlinear least squares, minimizing the sum of squared errors. For any set of parameters the error terms of the regression can only be computed after first solving for 41 equations (21). The estimated parameters are k , a_1 , and

¹⁶ For the region obtained from the aggregation of the 21 regions, we compute internal distance as $\sum_{i=1}^{21} \sum_{j=1}^{21} s_i s_j d_{ij}$, where s_j is the ratio of GDP in region i to total GDP of the 21-region area.

¹⁷ Even if one assumes that the price indices are consumer price levels, which would require that all trade costs are pecuniary costs, there are still many measurement problems that makes them unobservable for our purposes. Non-traded goods, which are not present in our model, play a key role in explaining differences in price levels across countries and regions. In the short to medium run, nominal exchange rates also have a significant impact on the ratio of price levels across countries. Moreover, while comparable price-level data are available for countries, this is not the case for states and provinces.

a_2 .¹⁸ The substitution elasticity σ cannot be estimated separately as it enters in multiplicative form with the trade cost parameters ρ and $\ln b$ in a_1 and a_2 .¹⁹

Our estimator is unbiased if ε is uncorrelated with the derivatives of \mathbf{h} with respect to \mathbf{d} , δ , and θ . This is not a problem when we interpret ε_{ij} simply as measurement error associated with bilateral trade, as we have done. Errors can enter the model in many other ways of course, about which the theory has little to say. In particular, it is possible that the trade cost function (18) is misspecified in that other factors than just distance and borders matter, or the functional form is incorrect. One could add an error term to the trade cost function to capture this. If this error term is correlated with \mathbf{d} or δ , our estimates will be biased. But this is a standard omitted variables problem that is not specific to the presence of multilateral resistance terms. We have chosen the trade cost function to stay as close as possible to McCallum's (1995) specification. If an error term in the trade cost function is uncorrelated with \mathbf{d} and δ , there is still the problem that the error term affects equilibrium prices and therefore income shares θ , which affect the multilateral resistance terms. In practice the bias resulting from this is very small though. As we will report below, even if we take the dramatic step of entirely removing the U.S.–Canada border, practically none of the resulting changes in the $P_i^{1-\sigma}$ are associated with changes in income shares.

An alternative to the estimation method described above is to replace the multilateral resistance terms with country-specific dummies. This leads to consistent estimates of model parameters. Hummels (1999) has done so for a gravity equation using disaggregated U.S. import data. The main advantage is simplicity as

ordinary least squares can be used. Another advantage is that we do not need to make any assumptions about distances internal to states and provinces, which are needed to compute the structural multilateral resistance terms and are difficult to measure. Rose and van Wincoop (2001) use this estimator when applying the method in this paper to determine the effect on trade of monetary unions. We need to emphasize though that the fixed-effects estimator is less efficient than the nonlinear least-squares estimator discussed above, which uses information on the full structure of the model. The simple fixed-effects estimator is not necessarily more robust to specification error. For example, if the trade cost function is misspecified, either in terms of functional form or set of variables, both estimators are biased to the extent that the specification error is correlated with distance or the border dummy.

For comparative statics analysis, such as removing the U.S.–Canada border, the structural model can be used with either method of estimation. We use the fixed-effects estimator in sensitivity analysis reported in Table 6, giving similar results.

B. Multicountry Model

In the multicountry model the world consists of all industrialized countries, a total of 22 countries.²⁰ In that case there are 61 regions in our analysis: 30 states, the rest of the United States, 10 provinces, and 20 other countries. We will often refer to the 20 additional countries as ROW (rest of the world). In this expanded environment we assume that border barriers b_{ij} may differ for U.S.–Canada trade, US–ROW trade, Canada–ROW trade, and ROW–ROW trade. We define these respectively as $b_{US,CA}$, $b_{US,ROW}$, $b_{CA,ROW}$, and $b_{ROW,ROW}$.

For consistency with the estimation method in the two-country model, and given our focus on the U.S.–Canada border effect, we will continue to estimate the parameters by minimizing the sum of the squared residuals for the 30 states and 10 provinces. But there are now three ad-

¹⁸ Computationally, we solve

$$\min_{k, a_1, a_2} \sum_i \sum_{j \neq i} [\ln z_{ij} - k - a_1 \ln d_{ij} - a_2 (1 - \delta_{ij}) + \ln P_i^{1-\sigma} + \ln P_j^{1-\sigma}]^2$$

$$\text{subject to } P_j^{1-\sigma} = \sum_i P_i^{\sigma-1} \theta_i e^{a_1 \ln d_{ij} + a_2 (1 - \delta_{ij})} \forall j.$$

¹⁹ As Hummels (1999) has shown, identification of σ is possible in applications where elements of t_{ij} are directly observable, as with tariffs.

²⁰ Those are the United States, Canada, Australia, Japan, New Zealand, Austria, Belgium-Luxembourg, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

ditional parameters that affect the multilateral resistance variables of the states and provinces: $(1 - \sigma)\ln b_{US,ROW}$, $(1 - \sigma)\ln b_{CA,ROW}$, and $(1 - \sigma)\ln b_{ROW,ROW}$. We impose three constraints in order to obtain estimates for these parameters. The constraints set the average of the residuals for US–ROW trade, CA–ROW trade, and ROW–ROW trade equal to zero.²¹ Formally,

$$\begin{aligned} \sum_{j \in ROW} (\varepsilon_{US,j} + \varepsilon_{j,US}) &= 0 \\ \sum_{j \in ROW} (\varepsilon_{CA,j} + \varepsilon_{j,CA}) &= 0 \\ \sum_{i,j \in ROW, i \neq j} \varepsilon_{ij} &= 0. \end{aligned}$$

Since we have data on trade only between the ROW countries and all of the United States, the residuals $\varepsilon_{US,j}$ and $\varepsilon_{j,US}$ are defined as the log of bilateral trade between the United States and country j minus the log of predicted trade, where the latter is obtained by summing over the model's predicted trade between j and all U.S. regions. The same is done for trade between Canada and countries in ROW.²²

²¹ Apart from consistency with the two-country estimation method, there are two reasons why we prefer this estimation method as opposed to minimizing the sum of all squared residuals, including those of the ROW countries. First, border barriers are likely to be different across country pairs for the 20 other industrialized countries. Neither estimation method allows us to identify all these barriers separately, but the method we chose is less sensitive to such differences as we only use information on the average error terms involving the ROW countries. Second, the alternative method of minimizing the sum of all squared residuals has weaker finite sample properties. The US–ROW barrier has a much greater impact on US–ROW trade than on trade among the states and provinces, but US–ROW observations are only 2 percent of the sample. If there is only weak spurious correlation between the 1,511 error terms for trade among states and provinces and the partial derivatives of the corresponding multilateral resistance terms with respect to the US–ROW barrier, it could significantly affect the estimate of that barrier.

²² Data on exports from individual states to ROW countries do exist (see Robert C. Feenstra, 1997), but this is based on information about the location of the exporter, which is often not the location of the plant where the goods are produced. The International Trade Division and the Input Output Divisions of Statistics Canada both report data on trade between provinces and the rest of the world. The data from the IO Division are considered more reliable, but

IV. Results

Our goal in this section is threefold. First, we report results from estimating the theoretical gravity equation. Second, we use the estimated gravity equation to determine the impact of national borders on trade flows. This is done by computing the change in bilateral trade flows after removing the border barriers. Finally, we use the estimated gravity equation to account for the estimated McCallum border parameters. This procedure illustrates the role of the multilateral resistance variables in generating a much smaller McCallum border parameter for the United States than for Canada as well as the effect of the omitted variable bias in McCallum's procedure.

A. Parameter Estimates

Table 2 reports the bilateral trade resistance parameter estimates. The estimate of the U.S.–Canada border barrier is very similar in both the two-country model and the multicountry model. In the multicountry model the border barrier estimates are also strikingly similar across country pairs. The barrier between the United States and Canada is only slightly lower than between the other 20 industrialized countries, the majority of which is trade among European Union countries. The only border barrier that is a bit higher than the others is between Canada and the ROW countries.

As discussed above, we can estimate only $(1 - \sigma)\ln b$. We would need to make an assumption about the elasticity of substitution σ in order to obtain an estimate of $b - 1$, the ad valorem tariff equivalent of the border barrier. The model is of course highly stylized in that there is only one elasticity. In reality some goods may be perfect substitutes, with an infinite elasticity, while others are weak substitutes. Hummels (1999) obtains estimates for the elasticity of substitution within industries. The results depend on the disaggregation of the industries. The average elasticity is respectively 4.8, 5.6, and 6.9 for 1-digit, 2-digit, and 3-digit

only the IT division reports trade with individual countries. The differences between the total export and import numbers reported by both divisions are often very large (almost a factor 8 difference for imports by Prince Edward Island).

TABLE 2—ESTIMATION RESULTS

		Two-country model	Multicountry model
Parameters	$(1 - \sigma)\rho$	-0.79 (0.03)	-0.82 (0.03)
	$(1 - \sigma)\ln b_{US,CA}$	-1.65 (0.08)	-1.59 (0.08)
	$(1 - \sigma)\ln b_{US,ROW}$		-1.68 (0.07)
	$(1 - \sigma)\ln b_{CA,ROW}$		-2.31 (0.08)
	$(1 - \sigma)\ln b_{ROW,ROW}$		-1.66 (0.06)
Average error terms:	US-US	0.06	0.06
	CA-CA	-0.17	-0.02
	US-CA	-0.05	-0.04

Notes: The table reports parameter estimates from the two-country model and the multicountry model. Robust standard errors are in parentheses. The table also reports average error terms for interstate, interprovincial, and state-province trade.

industries. For further levels of disaggregation the elasticities could be much higher, with some goods close to perfect substitutes.²³ It is therefore hard to come up with an appropriate average elasticity. To give a sense of the numbers though, the estimate of -1.58 for $(1 - \sigma)\ln b_{US,CA}$ in the multicountry model implies a tariff equivalent of respectively 48, 19, and 9 percent if the average elasticity is 5, 10, and 20.

The last three rows of Table 2 report the average error terms for interstate, interprovincial, and state-province trade. Particularly for the multicountry model they are close to zero. The average percentage difference between actual trade and predicted trade in the multicountry model is respectively 6, -2 , and -4 percent for interstate, interprovincial, and state-province trade. The largest error term in the two-country model is for interprovincial trade, where on average actual trade is 17 percent lower than predicted trade.²⁴

²³ For example, for a highly homogeneous commodity such as silver bullion, Feenstra (1994) estimates a 42.9 elasticity of substitution among varieties imported from 15 different countries.

²⁴ The \bar{R}^2 is respectively 0.43 and 0.45 for the two-country and multicountry model, which is somewhat lower than the 0.55 for the McCallum equation with unitary elasticities (last column Table 1). This is not a test of the theory though because McCallum's equation is not theoretically grounded. It also does not imply that multilateral resistance

B. The Impact of the Border on Bilateral Trade

We now turn to the general-equilibrium comparative static implications of the estimated border barriers for bilateral trade flows. We will calculate the ratio of trade flows with border barriers to that under the borderless trade implied by our model estimates. Appendix B discusses how we compute the equilibrium after removing all border barriers while maintaining distance frictions. It turns out that we need to know the elasticity σ in order to solve for the free trade equilibrium. This is because the new income shares θ_i depend on relative prices, which depend on σ . We set $\sigma = 5$, but we will show in the sensitivity analysis section that results are almost identical for other elasticities. The elasticity σ plays no role other than to affect the equilibrium income shares a little.

In what follows we define the "average" of trade variables and (transforms of the) multilateral resistance variables as the exponential of

does not matter; the dummies in McCallum's equation capture the average difference in multilateral resistance of states and provinces. With a higher estimate of internal distance, the \bar{R}^2 from the structural model becomes quite close to that in the McCallum equation. It turns out though that internal distance has little effect on our key results (Section V).

TABLE 3—AVERAGE OF $P^{1-\sigma}$

	US	Canada	ROW
Two-country model			
With border barrier (BB)	0.77 (0.03)	2.45 (0.12)	
Borderless trade (NB)	0.75 (0.03)	1.18 (0.01)	
Ratio (BB/NB)	1.02 (0.00)	2.08 (0.08)	
Multicountry model			
With border barrier (BB)	1.55 (0.01)	4.67 (0.09)	2.97 (0.07)
Borderless trade (NB)	1.39 (0.00)	1.91 (0.04)	1.54 (0.01)
Ratio (BB/NB)	1.12 (0.01)	2.44 (0.09)	1.93 (0.06)

Notes: The table reports the average of $P_i^{\sigma-1}$, where the average is defined as the exponential of the average logarithm. For the United States the average is taken over the 30 states in the sample, for Canada over the 10 provinces, and for ROW over the other 20 industrialized countries.

the average logarithm of these variables, consistent with McCallum (1995).²⁵

The multilateral resistance variables are critical to understanding the impact of border barriers on bilateral trade and understanding what accounts for the McCallum border parameters. Defining regions in the United States, Canada, and ROW as three sets, Table 3 reports the average transform of multilateral resistance $P^{\sigma-1}$ for regions in each of these sets. The results are shown both with the estimated border barrier and under borderless trade. As discussed in Section II, based on the model we would expect border barriers to lead to a larger increase of multilateral resistance in small countries than in large countries. This is exactly what we see in Table 3. $P^{\sigma-1}$ rises by 12 percent for U.S. states, while it rises by a factor 2.44 for Canadian provinces.²⁶ The number is intermediate for ROW countries, whose size is also

²⁵ McCallum's border effect is the difference between the average logarithm of bilateral trade among regions in the same country and the average logarithm of bilateral trade of regions in different countries. This is converted back to levels by taking the exponential. Among a set of regions, bilateral trade between two regions is therefore considered to be average when the logarithm of bilateral trade is average within the set.

²⁶ Very little of the change in $P^{\sigma-1}$ is associated with a change in income shares θ_i . The change in income shares

intermediate. The Canadian border creates a barrier between provinces and most of its potential trading partners, while states face no border barriers with the rest of the large U.S. economy. Multilateral resistance therefore rises much more for provinces than for states.

Even under borderless trade $P_i^{1-\sigma}$ is substantially higher for provinces than for states. Distances are somewhat larger on average between the United States and Canada than within them. This affects multilateral resistance for provinces more than for states as most potential trading partners of the provinces are outside their country, while for the states they are inside the country. This is again the result of the small size of the Canadian economy.

Table 3 reports the transforms $P_i^{1-\sigma}$ of the multilateral resistance indices because they matter for trade levels. It is worthwhile pointing out that the P_i themselves, which are a measure of average trade barriers faced by regions, rise much less as a result of borders. For $\sigma = 5$, P_i rises on average by 3 percent for states and 25 percent for Canadian provinces. For higher σ it is even smaller.

Table 4 reports the impact of border barriers on bilateral trade flows among and within each of the three sets of regions (US, CA, ROW). Size is controlled for by multiplying the bilateral trade numbers by $y^W/(y_i y_j)$. Letting a tilde denote borderless trade, the ratio of average trade between regions in sets h and k ($h, k = US, CA, ROW$) with and without border barriers is

$$(23) \quad b_{hk}^{1-\sigma} \left(\frac{P_h^{\sigma-1}}{\tilde{P}_h^{\sigma-1}} \right) \left(\frac{P_k^{\sigma-1}}{\tilde{P}_k^{\sigma-1}} \right)$$

where $P_h^{\sigma-1}$ refers to the average of regions in that set. We can therefore break down the impact of border barriers on trade into the impact of the bilateral border barrier and the impact of border barriers on multilateral resistance of regions in both sets. To the extent that border barriers raise average trade barriers faced by an importer and an exporter (multilateral resistance), it dampens the negative impact of the bilateral border barrier on trade between the two

alone would lower $P^{\sigma-1}$ for Canadian provinces by 0.4 percent and raise it for states by 0.8 percent.

TABLE 4—IMPACT OF BORDER BARRIERS ON BILATERAL TRADE

	US-US	CA-CA	US-CA	US-ROW	CA-ROW	ROW-ROW
Two-country model						
Ratio BB/NB	1.05 (0.01)	4.31 (0.34)	0.41 (0.02)			
Due to bilateral resistance	1.0 (0.0)	1.0 (0.0)	0.19 (0.01)			
Due to multilateral resistance	1.05 (0.01)	4.31 (0.34)	2.13 (0.09)			
Multicountry model						
Ratio BB/NB	1.25 (0.02)	5.96 (0.42)	0.56 (0.03)	0.40 (0.01)	0.46 (0.01)	0.71 (0.02)
Due to bilateral resistance	1.0 (0.0)	1.0 (0.0)	0.20 (0.02)	0.19 (0.01)	0.10 (0.01)	0.19 (0.01)
Due to multilateral resistance	1.25 (0.02)	5.96 (0.42)	2.72 (0.12)	2.15 (0.09)	4.70 (0.31)	3.71 (0.25)

Notes: The table reports the ratio of trade with the estimated border barriers (BB) to that under borderless trade (NB). This ratio is broken down into the impact of border barriers on trade through bilateral resistance ($t_{ij}^{1-\sigma}$) and through multilateral resistance ($P_i^{\sigma-1}P_j^{\sigma-1}$).

countries. In what follows we will focus on the numbers for the more realistic multicountry model.

Implication 2 of the theory that cross-country trade barriers raise trade within a country more for small than for large countries is strongly confirmed in Table 4. The table reports a spectacular factor 6 increase in interprovincial trade due to borders, while interstate trade rises by only 25 percent. The larger increase in multilateral resistance of the provinces leads to a bigger drop in relative trade resistance t_{ij}/P_iP_j for trade within Canada than within the United States, explaining the large increase in interprovincial trade.

Table 4 also reports that borders reduce trade between the United States and Canada to a fraction 0.56 of that under borderless trade, or by 44 percent. Trade among ROW countries is reduced by 29 percent. The bilateral border barrier itself implies an 80-percent drop in trade between states and provinces, but increased multilateral resistance, particularly for provinces, raises state-province trade by a factor 2.72. While U.S. goods have become more expensive for Canada due to the border barrier, the goods of almost all trading partners of the provinces have become more expensive. This significantly moderates the negative impact on U.S.-Canada trade.

It may seem somewhat surprising that trade between the ROW countries drops somewhat

less than between the United States and Canada, particularly because the estimates in Table 2 imply a slightly lower U.S.-Canada border barrier. But it can be understood in the context of Implication 1 from the theory that border barriers have a bigger effect on trade between countries the larger their size. For the same border barriers, U.S.-Canada trade would have dropped much less if the United States were a much smaller country. This also explains why trade between the United States and the ROW countries drops somewhat more than between the United States and Canada. Canada is even smaller than the average ROW country. Based on size alone one would expect trade between Canada and the ROW countries to drop less than between Canada and the United States, but this is not the case as a result of the higher trade barrier between Canada and the ROW countries.

C. Intranational Trade Relative to International Trade

McCallum aimed to measure the impact of borders on intranational trade (within Canada) to international trade (between the United States and Canada). In this subsection we will show that the large McCallum border parameter for Canada is due to a combination of (i) the relative small size of the Canadian economy and (ii) omitted variables bias.

TABLE 5—IMPACT BORDER ON INTRANATIONAL TRADE RELATIVE TO INTERNATIONAL TRADE

	Two-country model		Multicountry model	
	Canada	US	Canada	US
Theoretically consistent estimate	10.5 (1.16)	2.56 (0.13)	10.7 (1.06)	2.24 (0.12)
McCallum parameter implied by theory	16.5 (1.63)	1.64 (0.09)	14.8 (1.32)	1.63 (0.10)

Notes: The first row of the table reports the theoretically consistent estimate of the impact of border barriers on intranational trade relative to international trade for both Canada and the United States. The second row reports the McCallum border parameter implied by the model, which provides a biased estimate of the impact of borders on the ratio of intranational to international trade.

The impact of border barriers on intranational relative to international trade follows immediately from Table 4 and is reported in the first row of Table 5. The multicountry model implies that national borders lead to trade between provinces that is a factor 10.7 larger than between states and provinces. In contrast, border barriers raise trade between states by only a factor 2.24 relative to trade between states and provinces. This is exactly as anticipated by Implication 3 of the theory. It is the result of the relatively small size of Canada, leading to a factor 6 increase in trade between the provinces. The small change in trade between U.S. states leads to a correspondingly much smaller increase in intranational to international trade for the United States.

This is only part of the explanation for the large McCallum border parameter for Canada. The other part is the result of omitted variables bias in two distinct senses: estimation and computation. By estimation bias we mean the ordinary econometric omitted variables bias. By computation bias we mean the erroneous comparative statics which arise from a reduced-form calculation which omits terms. In order to analyze the omitted variables bias, rewrite the theoretical gravity equation as

$$(24) \quad \ln x_{ij} = k + \ln y_i + \ln y_j + \rho(1 - \sigma)\ln d_{ij} + R_{ij} + \varepsilon_{ij}$$

where

$$R_{ij} = (1 - \sigma)\ln b_{ij} - (1 - \sigma)\ln P_i - (1 - \sigma)\ln P_j.$$

R_{ij} measures the sum of all trade resistance terms with the exception of the bilateral distance term. McCallum estimated (24), but replaced R_{ij} with a dummy variable that is 1 for interprovincial trade and 0 for state–province trade. In the absence of the multilateral resistance terms this would yield unbiased estimates of $(1 - \sigma)\rho$ and $(1 - \sigma)\ln b$. But since the omitted multilateral resistance terms are correlated with both distance and the border dummy, McCallum’s regression does not yield an unbiased estimate of either $(1 - \sigma)\rho$ or $(1 - \sigma)\ln b$. Next, consider computation bias. Assume for the moment that McCallum had correctly estimated the parameter $(1 - \sigma)\rho$ multiplying bilateral distance. In that case McCallum’s border effect can still not be interpreted as the effect of borders on the ratio of interprovincial trade relative to state–province trade. In the context of the theory we can then interpret McCallum’s border parameter for Canada as an estimator of the average of R_{ij} for interprovincial trade minus the average for state–province trade, and similarly for the United States.²⁷ Taking the exponential for the comparison with McCallum’s headline number, we get (following the notation of Section I)

$$(25) \quad \text{Border}_{Canada} = (b_{US,CA})^{\sigma-1} \frac{P_{CA}^{\sigma-1}}{P_{US}^{\sigma-1}}.$$

²⁷ We will take the average over all trade pairs, even though for a few state–province pairs and state–state pairs no trade data exist. Taking the average only over pairs for which trade data exist leads to almost identical numbers.

Similarly, for the United States we get

$$(26) \quad \text{Border}_{US} = (b_{US,CA})^{\sigma-1} \frac{P_{US}^{\sigma-1}}{P_{CA}^{\sigma-1}}.$$

The theoretical McCallum border parameters implied by (25)–(26) are reported in the second row of Table 5. For the multicountry model the border parameters are 14.8 for Canada and 1.63 for the United States. This corresponds closely to the 14.2 and 1.62 parameters reported in the last column of Table 1 when estimating McCallum's regression with unitary income coefficients. The much higher Canadian (transform of) multilateral resistance term, $P_{CA}^{\sigma-1}$, than the U.S. multilateral resistance term, $P_{US}^{\sigma-1}$, blows up the border effect for Canada, while dampening it with the same factor for the United States.

A comparison of rows 1 and 2 of Table 5 shows that McCallum's measure for Canada overstates our consistent estimate of the impact of borders on intranational trade relative to international trade. The reason is that in the correct measure of the impact of borders on intranational relative to international trade, the multilateral resistance terms in (25) and (26) are replaced by the ratio of multilateral resistance with border barriers relative to that without border barriers; the comparative static experiment of taking away the borders must include its effect on multilateral resistance. McCallum's measure would have implied a border parameter larger than 1 for Canada even in the absence of border barriers because of the higher multilateral resistance of provinces than states due to distance alone.

The difference between the two rows in Table 5 illustrates the omitted variables bias in McCallum's results due to comparative statics alone as we have used the parameter estimates from the theoretical model to compute (25) and (26). It turns out that almost all of the bias resulting from omitted variables is associated with comparative statics as opposed to a biased estimate of the distance coefficient $(1 - \sigma)\rho$. If we reestimate McCallum's regression in the last column of Table 1 after imposing the distance coefficient obtained from estimating the theoretical gravity equation, the resulting McCallum border coefficient changes only slightly from 14.2 to 14.7.

There is also a literature that has estimated the impact of borders on domestic trade relative

to international trade for a wide range of other OECD countries. This literature is based on McCallum-type regressions, often with atheoretical remoteness variables added, using international trade data combined with an estimate of total domestic trade in each of the countries. The findings from this literature can be compared to the theory. Based on the estimated multicountry model, international trade among the ROW countries drops to a fraction 0.71 of that under free trade, while intranational trade rises on average by a factor 3.8. This implies a factor 5.4 ($3.8/0.71$) increase in intranational trade relative to international trade, which falls within the range of estimates of about 2.5 to 10 that have been reported in the empirical literature. For example, Helliwell (1998) reports a factor 5.7 for 1992 data, estimating (3) with the atheoretical remoteness variables (3) included. Our findings suggest that the trade home bias reported in this literature is primarily a result of the large increase in intranational trade. International trade drops by only 29 percent as a result of borders. Intranational trade rises so much for the same reason that interprovincial trade rises so much in Canada. Most countries are relatively small as a fraction of the world economy.

V. Sensitivity Analysis

Table 6 reports the results from a variety of sensitivity analysis. In order to save space we report only the key variables of interest, the impact of borders on trade, and the McCallum border parameter. For comparison we report in column (i) results from the base regression.

Column (ii) assumes a higher elasticity of substitution $\sigma = 10$ (in the benchmark $\sigma = 5$). This has no impact on the nonlinear least-squares estimator itself but, as discussed in Section IV, subsection B, it affects somewhat the equilibrium when removing the border barrier. It is clear though from column (ii) that the difference is negligible. The same is the case when we lower σ to 2 or raise it 20 (not reported). The insensitivity to σ is encouraging as there is little agreement about the precise magnitude of this parameter.

Columns (iii) and (iv) report results when we respectively double and halve our measure of distance internal to states, provinces, and the other industrialized countries. While we have

TABLE 6—SENSITIVITY ANALYSIS

	(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)
Two-country model									
Trade (BB/NB)									
US–US	1.05 (0.01)	1.05 (0.01)	1.05 (0.01)	1.05 (0.01)	1.04 (0.01)	1.04 (0.00)	1.03 (0.00)	1.05 (0.01)	
CA–CA	4.31 (0.34)	4.26 (0.34)	4.31 (0.30)	4.41 (0.39)	3.92 (0.53)	3.82 (0.29)	4.37 (0.38)	3.76 (0.23)	
US–CA	0.41 (0.02)	0.41 (0.02)	0.41 (0.02)	0.41 (0.02)	0.50 (0.03)	0.50 (0.02)	0.54 (0.02)	0.43 (0.02)	
McCallum parameter									
US	1.64 (0.09)	1.64 (0.09)	1.58 (0.08)	1.70 (0.09)	1.37 (0.11)	1.03 (0.05)	1.05 (0.06)	1.33 (0.07)	
CA	16.5 (1.63)	16.5 (1.63)	17.1 (1.64)	16.1 (1.65)	12.2 (1.93)	15.4 (1.50)	14.9 (1.63)	16.4 (1.56)	
Multicountry model									
Trade (BB/NB)									
US–US	1.25 (0.02)	1.26 (0.02)	1.21 (0.02)	1.29 (0.02)	1.22 (0.04)	1.19 (0.02)	1.18 (0.02)		1.14 (0.02)
CA–CA	5.96 (0.42)	5.93 (0.42)	5.90 (0.37)	6.21 (0.49)	5.07 (0.66)	5.03 (0.36)	5.21 (0.40)		4.44 (0.39)
US–CA	0.56 (0.03)	0.56 (0.03)	0.54 (0.03)	0.57 (0.03)	0.63 (0.05)	0.62 (0.03)	0.63 (0.03)		0.51 (0.03)
ROW–ROW	0.71 (0.02)	0.70 (0.02)	0.71 (0.02)	0.72 (0.02)	0.83 (0.06)	0.50 (0.02)	0.87 (0.04)		0.76 (0.04)
McCallum parameter									
US	1.63 (0.10)	1.63 (0.10)	1.56 (0.09)	1.69 (0.11)	1.38 (0.12)	1.13 (0.06)	1.19 (0.08)		1.56 (0.09)
CA	14.8 (1.32)	14.8 (1.32)	15.3 (1.34)	14.5 (1.33)	11.1 (1.57)	13.6 (1.37)	12.9 (1.29)		12.4 (1.25)

Notes: The table reports sensitivity analysis with regards to the ratio of trade with border barriers to trade without border barriers and with regards to the McCallum border parameters implied by the model. Column (i) repeats results from the benchmark regression. Column (ii) assumes $\sigma = 10$ (in the benchmark $\sigma = 5$). Columns (iii) and (iv) report results when respectively doubling and halving distances internal to regions and countries. Column (v) reports results based on a regression that does not use interstate data. Columns (vi) and (vii) report results when income y is replaced by $x^\alpha y$ with x respectively income y and per capita income y/N . x^α represents the fraction spent on tradables in a region or country. Column (viii) reports for the two-country case results based on fixed-effects estimation. The final column reports for the multicountry case results when minimizing the sum of all squared error terms, including those involving ROW countries.

used the proxy by Wei (1996) that has been commonly used in the literature, this is only a rough estimate. The correct measure depends a lot on a region's geography.²⁸ Helliwell (1998) finds that results are very sensitive to internal distance when applying a McCallum gravity equation to international and intranational trade of OECD countries. Halving internal distances reduces the border effect by about half, while doubling internal distances more than doubles it. In contrast, columns (iii) and (iv) of Table 6 show that doubling or halving internal distances

has very little effect on our results. A big advantage of the U.S.–Canada data set is that the intranational trade data are for interstate trade and interprovincial trade. It is relatively easy to measure distances between states and between provinces. We do not use data on trade internal to states and provinces, for which distance is hard to measure. In our regression internal distance matters only to the extent that it affects multilateral resistance.

Column (v) reports results when we do not use data on interstate trade. The reason for doing so is that McCallum did not use interstate trade data and we do not want to leave the impression that the interstate data set is critical to our findings. The results reported in column (v) are somewhat different from those based on

²⁸ For example, it is possible that most trade takes place within one industrial area, in which case the appropriate measure of internal distance could be close to zero.

the benchmark regression, but they are qualitatively identical. The reported impact of borders on trade levels is not statistically different from that reported under the benchmark regression. If anything it reinforces our key finding of a moderate impact of borders on international trade. The multicountry model tells us that U.S.–Canada trade is reduced by 37 percent as a result of border barriers, while trade among other industrialized countries is reduced by 17 percent.

Columns (vi) and (vii) report results when allowing for nonunitary income elasticities. Anderson (1979) allowed for nonunitary income elasticities by modeling the fraction spent on tradable goods. We have used total GDP, from hereon Y , as an estimate of tradables output y in the model. But in reality GDP also includes nontradables. Anderson (1979) assumed that a fraction ϕ of total income is spent on tradables, so that spending on tradables is ϕY . Because of balanced trade, output of tradables must also be ϕY . Anderson allowed ϕ to be a function of both Y and N (population). Column (vi) reports results when $\phi = Y^\alpha$, so that bilateral trade is equal to $Y_i^{1+\alpha} Y_j^{1+\alpha}$ times the trade resistance terms. While this introduces nonunitary income elasticities, as in McCallum (1995), we should stress that there is no clear theoretical foundation for specifying the fraction spent on tradables as Y^α . Column (vii) reports results when $\phi = (Y/N)^\alpha$. In that case bilateral trade is equal to $Y_i^{1+\alpha} Y_j^{1+\alpha} N_i^{-\alpha} N_j^{-\alpha}$ times the trade resistance terms. This assumption has somewhat more solid theoretical grounding. The well-known Balassa-Samuelson effect tells us that regions with higher productivity in the tradables sector will have a higher relative price of nontradables, which should raise the fraction spent on tradables. To the extent that Y/N proxies for productivity in the tradables sector, one might expect α to be positive. This is indeed what we find in the estimation.²⁹ The results reported in Table 6, while they change somewhat from the base regression, are still qualitatively the same. If anything, we find that the impact of borders on interna-

tional trade is reduced somewhat further when ϕ is a function of Y/N .

Column (viii) reports results based on fixed-effects estimation, replacing the transforms of multilateral resistance terms with region dummies. This is feasible only in the two-country model. It again has very little effect on the trade results. It is worthwhile pointing out that while the border parameter $(1 - \sigma)\ln b$ does not change much, the distance parameter $(1 - \sigma)\rho$ drops from -0.79 in the structural model to -1.25 . This suggests that internal distances are larger than assumed when estimating the structural model. Raising the benchmark internal distances leads to a more negative estimate of $(1 - \sigma)\rho$ in the structural model. It also raises the adjusted R^2 and leads to a higher correlation between the region dummies and the theoretical multilateral resistance terms. Fixed costs of transportation may provide a justification for higher internal distances.

As a final form of sensitivity analysis, in the last column of Table 6 we report results for the multicountry model when we estimate all parameters by minimizing the sum of all squared residuals, including the ROW–ROW, US–ROW, and CA–ROW residuals. As discussed above, an important reason for not doing so in the first place is that this estimation procedure has weaker finite sample properties, primarily because there are relatively few US–ROW and CA–ROW observations. One implausible finding, not reported in Table 6, is that the US–ROW barrier now becomes lower than the US–CA border barrier, with $(1 - \sigma)\ln b$ of respectively -0.88 and -1.48 . Nonetheless the results reported in Table 6, the impact of borders on trade and the McCallum parameters, remain quite close to those under the benchmark regression.

Overall we can therefore conclude that the results from the benchmark regression are robust to a wide range of sensitivity analysis.

VI. Conclusion

Although commonly estimated gravity equations generally have a very good fit to the data, we have shown that they are not theoretically grounded. This leads to biased estimation, incorrect comparative statics analysis, and generally a lack of understanding of what is driving the results. In this paper we have developed a

²⁹ For example, in the multicountry model we find $\alpha = 1.07$, and similar for the two-country model. When $\psi = Y^\alpha$, we find that α is about 0.3 for both models.

method that consistently and efficiently estimates a theoretical gravity equation. We have applied the method to solve the border puzzle. We find that borders reduce bilateral national trade levels by plausible though substantial magnitudes. The results of previous studies that imply enormous border effects are explicable in terms of our model: (i) they considered the effect of the border on the ratio *intranational* to *international* trade; (ii) this border effect is inherently large for small countries; and (iii) omitted variables biased the estimated border effect upwards. The approach can easily be applied to determine the effect of many other institutions on bilateral trade flows.

The methodology we developed is based on existing gravity theory, which makes a variety of simplifying assumptions that need to be generalized in future research. One important drawback of the existing theory is that all countries import all varieties of a good from all countries that produce the good. Haveman and Hummels (1999) find that this violates available evidence that many goods are imported from only one or two producers. They suggest extensions of the model that involve homogeneous goods, differences in preferences, and fixed costs.³⁰ Another limitation of the model is the assumption of an endowment economy. **Border barriers can also affect trade through their impact on the production structure.** Hillberry and Hummels (2002) discuss the effect of borders on production location of intermediate goods producers, while Kei-Mu Yi (2003) analyzes the effect of tariffs on trade in the context of vertical specialization. We believe that these are all fruitful directions for future research. **We suspect though that the key aspect of the gravity model, the dependence of trade on bilateral and multilateral resistance, will hold up under a wide range of generalizations.**

APPENDIX A: THE DATA

The paper uses data on trade, distances, GDP, and population for states, provinces, and 20 other industrialized countries. Before turning to a detailed discussion of the trade data, we describe the sources of the other data first. Great

circle distances are computed using the longitude and latitude of states, provinces, and other countries, obtained from the web site <http://www.indo.com/distance/>. GDP data are from Statistics Canada for the provinces, the Bureau of Economic Analysis for the states, and from the IMF's International Financial Statistics for the 20 other industrialized countries. Population data are from the Bureau of the Census for the states. For provinces and the other industrialized countries the source is the same as for GDP.

The paper combines four trade data sets: interprovincial merchandise trade from the Input-Output Division of Statistics Canada; province-trade merchandise trade from the International Trade Division of Statistics Canada; interstate commodity flows from the Commodity Flow Survey by the U.S. Census; and merchandise trade among the other industrialized countries from the IMF's Direction of Trade Statistics. It should be said from the outset that these data sets use concepts that are different from each other and adjustments are necessary in order to make them more compatible.

McCallum (1995) combines the first two data sources listed above. The IO Division, which collects the interprovincial trade data, also collects data on trade between each province and the rest of the world. Those data net out exports and imports that are en route to and from other provinces. The trade data from the IT Division, on the other hand, are based on customs data, for which the original source and final destination of shipments are not known. There is a nice discussion of these issues in Anderson and Smith (1999a, b). Because the data of the IO Division are more reliable, McCallum multiplies the state-province trade flows from the IT Division by the ratio of trade of each province with the rest of the world from the IO and IT sources. Helliwell (1998) makes the same adjustment, but at the more detailed level of 27 individual industries. In this paper we use the data with the more detailed adjustment by Helliwell. Data are available for all 90 interprovincial pairs, while they are available for 589 of the 600 state-province pairs (bilateral flows between 10 provinces and 30 states).

For the year 1993 the Commodity Flow Survey (CFS) by the U.S. Census Bureau provides data on within-state and cross-state shipments. The data set and methodology are described in

³⁰ Evans (2000a) and Hillberry (2001) analyze the impact of borders when there are fixed costs.

detail in the Bureau of Transportation web site <http://www.bts.gov/ntda/cfs/>. The data consists of shipments by domestic establishments in manufacturing, wholesale, mining, and selected retail establishments. The survey covers 200,000 representative establishments out of a total of about 800,000. Four times per year, during a two-week period, the surveyed establishments were asked to report the value and volume of shipments, as well as the origin and destination addresses. There are three important differences between these shipments data and the merchandise trade data. First, while merchandise trade data measure only shipments from source to final user, the commodity flow data include all shipments. For example, a product may be shipped from a manufacturing plant to a warehouse and from there to a retailer. Second, goods that are intended for exports, but are first shipped domestically (e.g., to a harbor), are included in domestic shipments. Similarly, goods that are imported are measured once they are shipped from the port of entry to another domestic destination. Third, while the Commodity Flow Survey provides extensive coverage of the manufacturing sector, which is by far the most important goods-producing sector, it excludes agriculture and part of mining.

As a result of these inconsistencies, an adjustment is made to the CFS data. The CFS data are scaled down by the ratio of total domestic merchandise trade to total domestic shipments from the CFS. Following Helliwell (1997, 1998) and Wei (1996), total domestic merchandise trade is approximated as gross output in mostly goods-producing sectors, minus merchandise exports. The goods-producing sectors are defined as the sum of agriculture, mining, and manufacturing. Using this methodology, total domestic U.S. merchandise trade was \$3,025 billion in 1993, while shipments in the CFS total to \$5,846 billion. The CFS data are therefore scaled down by $3,025/5,846$. Of the total 870 trade pairs among the 30 states in the sample, data are available for 832 pairs.

There are several reasons to believe that the adjusted U.S. trade data are not so bad. First, for both the two-country model and the multicountry model the estimated model coefficients are similar when estimating the model without the use of interstate data (an experiment considered in sensitivity analysis), and the difference is not statistically significant. Second, the average

squared error term is smaller for the interstate data than for the interprovincial data, respectively 0.48 and 1.40 in the multicountry model. This is not the result of the dominance of interstate trade data. When estimating the multicountry model without interstate trade data, the average squared error term of interprovincial data remains 1.44. Consistent with that, Table 1 also reports a higher \bar{R}^2 when estimating McCallum's equation for the United States (0.86) than for Canada (0.77).

We do not pretend to have solved all measurement problems with the adjustment factor applied to the U.S. commodity flow data. As discussed above, the data used in the original McCallum study are not without measurement problems either, with even much larger adjustment factors applied to the original state-province data. These data nonetheless remain by far the best currently available to study the impact of borders on trade. Moreover, as reported in the sensitivity analysis, the key findings of this paper do not rely on the U.S. trade data set.

APPENDIX B: SOLUTION TO THE BORDERLESS TRADE EQUILIBRIUM

To solve for the borderless trade equilibrium of the model we set $b_{ij} = 1 \forall i, j$. When solving for the new equilibrium prices p_i , or alternatively for the price indices P_i from (12), we need to take into account that the income shares θ_i change. Let a 1 superscript denote the "no borders" equilibrium with a 0 superscript denote the estimated model with borders present. Since quantities produced are assumed fixed, $y_i^1 = (p_i^1/p_i^0)y_i^0$. We observe y_i^0 and have solved for p_i^0 . The new income shares θ_i^1 then become functions of the new prices p_i^1 that are being solved.

While equilibrium trade flows with border barriers can be computed using only the estimated trade cost parameters $(1 - \sigma)\ln b_{ij}$ and $(1 - \sigma)\rho$, we need to know the elasticity σ in order to compute equilibrium trade flows under borderless trade. In the equilibrium with border barriers we can solve for $p_i^{1-\sigma} \forall i$ as a function of the estimated trade cost parameters. This determines the equilibrium $P_i^{1-\sigma} \forall i$, which determines the equilibrium trade flows. But in the borderless trade equilibrium the $p_i^{1-\sigma}$ also depend on the income shares θ_i , which are func-

tions of the prices p_i . We therefore need to know σ in order to solve for $p_i^{1-\sigma}$.

REFERENCES

- Anderson, James E.** "A Theoretical Foundation for the Gravity Equation." *American Economic Review*, March 1979, 69(1), pp. 106–16.
- Anderson, James E. and Marcouiller, Douglas.** "Insecurity and the Pattern of Trade: An Empirical Investigation." *Review of Economics and Statistics*, May 2002, 84(2), pp. 345–52.
- Anderson, Michael A. and Smith, Stephen L. S.** "Canadian Provinces in World Trade: Engagement and Detachment." *Canadian Journal of Economics*, February 1999a, 32(1), pp. 23–37.
- _____. "Do National Borders Really Matter? Canada–U.S. Regional Trade Reconsidered." *Review of International Economics*, May 1999b, 7(2), pp. 219–27.
- Bergstrand, Jeffrey H.** "The Gravity Equation in International Trade: Some Microeconomic Foundations and Empirical Evidence." *Review of Economics and Statistics*, August 1985, 67(3), pp. 474–81.
- _____. "The Generalized Gravity Equation, Monopolistic Competition, and the Factor-Proportions Theory in International Trade." *Review of Economics and Statistics*, February 1989, 71(1), pp. 143–53.
- _____. "The Heckscher-Ohlin-Samuelson Model, the Linder Hypothesis and the Determinants of Bilateral Intra-Industry Trade." *Economic Journal*, December 1990, 100(403), pp. 1216–29.
- Bernard, Andrew and Wagner, Joachim.** "Export Entry and Exit by German Firms." *Weltwirtschaftliches Archiv*, 2001, 137(1), pp. 105–23.
- Brenton, Paul; Di Mauro, Francesca and Lucke, Matthias.** "Economic Integration and FDI: An Empirical Analysis of Foreign Investment in the EU and in Central and Eastern Europe." *Empirica*, 1999, 26(2), pp. 95–121.
- Chen, Natalie A.** "Intra-national Versus International Trade in the European Union: Why Do National Borders Matter?" Mimeo, ECARES, Universite Libre de Bruxelles, April 2000.
- Deardorff, Alan V.** "Determinants of Bilateral Trade: Does Gravity Work in a Neoclassical World?" in J. A. Frankel, ed., *The regionalization of the world economy*. Chicago: University of Chicago Press, 1998, pp. 7–22.
- Eichengreen, Barry and Irwin, Douglas A.** "The Role of History in Bilateral Trade Flows," in J. A. Frankel, ed., *The regionalization of the world economy*. Chicago: University of Chicago Press, 1998, pp. 33–57.
- Evans, Carolyn L.** "National Border Effects and Heterogeneous Fixed Costs of International Trade." Mimeo, Federal Reserve Bank of New York, 2000a.
- _____. "The Economic Significance of National Border Effects." Mimeo, Federal Reserve Bank of New York, 2000b.
- Feenstra, Robert C.** "New Product Varieties and the Measurement of International Prices." *American Economic Review*, March 1994, 84(1), pp. 157–77.
- _____. "U.S. Exports, 1972–1994: With State Exports and Other U.S. Data." National Bureau of Economic Research (Cambridge, MA) Working Paper No. 5990, April 1997.
- Frankel, Jeffrey; Stein, Ernesto and Wei, Shang-Jin.** "Continental Trading Blocs: Are They Natural or Supernatural?" in J. A. Frankel, ed., *The regionalization of the world economy*. Chicago: University of Chicago Press, 1998, pp. 91–113.
- Grossman, Gene.** "Comment on Alan V. Deardorff, Determinants of Bilateral Trade: Does Gravity Work in a Neoclassical World?" in J. A. Frankel, ed., *The regionalization of the world economy*. Chicago: University of Chicago Press, 1998, pp. 29–31.
- Haveman, Jon and Hummels, David.** "Alternative Hypotheses and the Volume of Trade: Evidence on the Extent of Specialization." Mimeo, Krannert School of Management, Purdue University, 1999.
- Head, Keith and Ries, John.** "Increasing Returns versus National Product Differentiation as an Explanation for the Pattern of U.S.–Canada Trade." *American Economic Review*, September 2001, 91(4), pp. 858–76.
- Helliwell, John F.** "Do National Borders Matter for Quebec's Trade?" *Canadian Journal of Economics*, August 1996, 29(3), pp. 507–22.
- _____. "National Borders, Trade and Migration." *Pacific Economic Review*, October 1997, 2(3), pp. 165–85.
- _____. *How much do national borders matter?* Washington, DC: Brookings Institution, 1998.

- Helliwell, John F. and McCallum, John.** "National Borders Still Matter for Trade." *Policy Options*, July/August 1995, 16, pp. 44–48.
- Helliwell, John F. and Verdier, Genevieve.** "Measuring Internal Trade Distances: A New Method Applied to Estimate Provincial Border Effects in Canada." *Canadian Journal of Economics*, November 2001, 34(4), pp. 1024–41.
- Hillberry, Russell.** "Regional Trade and the Medicine Line: The National Border Effect in U.S. Commodity Flow Data." *Journal of Borderlands Studies*, Fall 1998, 8(2), pp. 1–17.
- _____. "Explaining the Border Effect: What Can We Learn from Disaggregated Commodity Flow Data?" Mimeo, International Trade Commission, 1999.
- _____. "Aggregation Bias, Compositional Change and the Border Effect." Mimeo, Federal Trade Commission, 2001.
- Hillberry, Russell and Hummels, David.** "Explaining Home Bias in Consumption: The Role of Intermediate Input Trade." National Bureau of Economic Research (Cambridge, MA) Working Paper No. 9020, 2002.
- Hummels, David.** "Toward a Geography of Trade Costs." Mimeo, Krannert School of Management, Purdue University, 1999.
- McCallum, John.** "National Borders Matter: Canada–U.S. Regional Trade Patterns." *American Economic Review*, June 1995, 85(3), pp. 615–23.
- Messinger, Hans.** "Interprovincial Trade Flows of Goods and Services." *Canadian Economic Observer*, 1993, pp. 3.8–3.14.
- Obstfeld, Maurice and Rogoff, Kenneth.** "The Six Major Puzzles in International Macroeconomics. Is There a Common Cause?" in Ben S. Bernanke and Kenneth Rogoff, eds., *NBER macroeconomics annual 2000*. Cambridge, MA: MIT Press, 2001, pp. 339–90.
- Portes, Richard and Rey, Helene.** "The Euro and International Equity Flows." *Journal of the Japanese and International Economies*, December 1998, 12(4), pp. 406–23.
- Ravenstein, Ernst G.** "The Laws of Migration." *Journal of the Royal Statistical Society*, 1885, 48(2), pp. 167–235.
- Roberts, Mark J. and Tybout, James R.** "The Decision to Export in Colombia: An Empirical Model of Entry with Sunk Costs." *American Economic Review*, September 1997, 87(4), pp. 545–64.
- Rose, Andrew K.** "One Money, One Market: The Effect of Common Currencies on Trade." *Economic Policy*, April 2000, 15(30), pp. 7–33.
- Rose, Andrew K. and van Wincoop, Eric.** "National Money as a Barrier to Trade: The Real Case for Currency Union." *American Economic Review*, May 2001 (*Papers and Proceedings*), 91(2), pp. 386–90.
- Trefler, Daniel.** "The Case of the Missing Trade and Other Mysteries." *American Economic Review*, December 1995, 85(5), pp. 1029–46.
- Wei, Shang-Jin.** "Intra-national versus International Trade: How Stubborn Are Nations in Global Integration?" National Bureau of Economic Research (Cambridge, MA) Working Paper No. 5531, 1996.
- Wolf, Holger.** "(Why) Do Borders Matter For Trade?" in G. D. Hess and E. van Wincoop, eds., *Intranational macroeconomics*. Cambridge: Cambridge University Press, 2000, pp. 112–28.
- Yi, Kei-Mu.** "Can Vertical Specialization Explain the Growth of World Trade?" *Journal of Political Economy*, 2003 (forthcoming).

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1. Malte Ehrlich, Axel Mangelsdorf. 2018. The Role of Private Standards for Manufactured Food Exports from Developing Countries. *World Development* **101**, 16-27. [[Crossref](#)]
2. Marco Fugazza, Jan Hoffmann. 2017. Liner shipping connectivity as determinant of trade. *Journal of Shipping and Trade* **2:1**. . [[Crossref](#)]
3. Mahfuz Kabir, Ruhul Salim, Nasser Al-Mawali. 2017. The gravity model and trade flows: Recent developments in econometric modeling and empirical evidence. *Economic Analysis and Policy* **56**, 60-71. [[Crossref](#)]
4. Mehmet Huseyin Bilgin, Giray Gozgor, Chi Keung Marco Lau. 2017. Institutions and gravity model: the role of political economy and corporate governance. *Eurasian Business Review* **7:3**, 421-436. [[Crossref](#)]
5. Kyoji Fukao, Tomohiko Inui, Hyeog Ug Kwon. 2017. The Economic Impact of Korean Reunification on Major Trade Partners: An Empirical Analysis Based on the World Input-Output Tables. *Emerging Markets Finance and Trade* **53:11**, 2476-2504. [[Crossref](#)]
6. Omer Bayar. 2017. Treatment of endogenous monadic variables in gravity equations. *International Review of Economics & Finance* **52**, 21-28. [[Crossref](#)]
7. Pradeep Agrawal, Seema Sangita. 2017. Trade Potential between India and Central Asia. *Margin: The Journal of Applied Economic Research* **11:4**, 418-448. [[Crossref](#)]
8. Mario Larch, Joschka Wanner. 2017. Carbon tariffs: An analysis of the trade, welfare, and emission effects. *Journal of International Economics* **109**, 195-213. [[Crossref](#)]
9. Weibo Xing, Li-An Zhou. 2017. Bilateral trust and trade: Evidence from China. *The World Economy* **125**. . [[Crossref](#)]
10. Guodao Sun, Tan Tang, Tai-Quan Peng, Ronghua Liang, Yingcai Wu. 2017. SocialWave. *ACM Transactions on Intelligent Systems and Technology* **9:2**, 1-23. [[Crossref](#)]
11. Alexander J. Moore. 2017. Quantifying the Landlocked Trade Penalty using Structural Gravity. *Journal of Quantitative Economics* **22**. . [[Crossref](#)]
12. Seungrae Lee, Seung Jae Park, Sridhar Seshadri. 2017. Plant location and inventory level decisions in global supply chains: Evidence from Korean firms. *European Journal of Operational Research* **262:1**, 163-179. [[Crossref](#)]
13. JULIANA D. ARAUJO, POVILAS LASTAUSKAS, CHRIS PAPAGEORGIOU. 2017. Evolution of Bilateral Capital Flows to Developing Countries at Intensive and Extensive Margins. *Journal of Money, Credit and Banking* **49:7**, 1517-1554. [[Crossref](#)]
14. Massimo Del Gatto. 2017. The revealed cost competitiveness of changing trade patterns: A country-sector exercise. *International Economics* . [[Crossref](#)]
15. Michael Brei, Goetz von Peter. 2017. The Distance Effect in Banking and Trade. *Journal of International Money and Finance* . [[Crossref](#)]
16. Beyhan Bektasoglu, Tanja Engelbert, Martina Brockmeier. 2017. The Effect of Aggregation Bias: An NTB-modelling Analysis of Turkey's Agro-food Trade with the EU. *The World Economy* **40:10**, 2255-2276. [[Crossref](#)]
17. Fatima Olanike Kareem, Bernhard Brümmer, Inmaculada Martinez-Zarzoso. 2017. European Union Market Access Conditions and Africa's Extensive Margin of Food Trade. *The World Economy* **40:10**, 2277-2300. [[Crossref](#)]
18. Rodolfo Metulini, Massimo Riccaboni, Paolo Sgrignoli, Zhen Zhu. 2017. The indirect effects of foreign direct investment on trade: A network perspective. *The World Economy* **40:10**, 2193-2225. [[Crossref](#)]

19. Guillaume Corlay, Stéphane Dupraz, Claire Labonne, Anne Muller, Céline Antonin, Guillaume Daudin. 2017. Comment: Inferring trade costs from trade booms and trade busts. *International Economics* . [[Crossref](#)]
20. Hikaru Ogawa, Masafumi Tsubuku. 2017. A note on tax analysis in a two-region model of monopolistic competition. *Letters in Spatial and Resource Sciences* **10**:3, 327-335. [[Crossref](#)]
21. Roberto Basile, Pasquale Commendatore, Luca De Benedictis, Ingrid Kubin. 2017. The impact of trade costs on the European Regional Trade Network: An empirical and theoretical analysis. *Review of International Economics* **40**. . [[Crossref](#)]
22. Wai Hong Kan Tsui, Faruk Balli, David Tat Wei Tan, Oscar Lau, Mudassar Hasan. 2017. New Zealand business tourism. *Tourism Economics* **30**, 135481661773138. [[Crossref](#)]
23. Andreas Udbye. 2017. The United States Free Trade Agreements: How Successful Have They Been?. *The International Trade Journal* **79**, 1-22. [[Crossref](#)]
24. Cristina Cattaneo, Valentina Bosetti. 2017. Climate-induced International Migration and Conflicts. *CESifo Economic Studies* . [[Crossref](#)]
25. Ehsan Rasoulinezhad, Wei Wei. 2017. China's Trade with OPEC Member Countries: A Panel-Gravity Model Approach. *The Chinese Economy* **50**:5, 339-355. [[Crossref](#)]
26. Antoine Berthou, H el ene Ehrhart. 2017. Trade networks and colonial trade spillovers. *Review of International Economics* **25**:4, 891-923. [[Crossref](#)]
27. Fabien Candau, Elisa Dienesch. 2017. Pollution Haven and Corruption Paradise. *Journal of Environmental Economics and Management* **85**, 171-192. [[Crossref](#)]
28. Luigi Pascali. 2017. The Wind of Change: Maritime Technology, Trade, and Economic Development. *American Economic Review* **107**:9, 2821-2854. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
29. Ehsan Rasoulinezhad. 2017. A new evidence from the effects of Russia's WTO accession on its foreign trade. *Eurasian Economic Review* **73**. . [[Crossref](#)]
30. Moses Herbert Lubinga, Abiodun Akintunde Ogundeji, Henry Jordaan, Aart-Jan Verschoor. 2017. Impact of European Union Generalized System of Preferences scheme on fruit and vegetable exports from East Africa: A preference margin approach. *Outlook on Agriculture* **46**:3, 213-222. [[Crossref](#)]
31. Yingxin Du, Jiandong Ju, Carlos D. Ramirez, Xi Yao. 2017. Bilateral trade and shocks in political relations: Evidence from China and some of its major trading partners, 1990-2013. *Journal of International Economics* **108**, 211-225. [[Crossref](#)]
32. Alessandro Saia. 2017. Choosing the open sea: The cost to the UK of staying out of the euro. *Journal of International Economics* **108**, 82-98. [[Crossref](#)]
33. Gislain St ephane Gandjon Fankem. 2017. La corruption huile ou est-elle un grain de sable dans les rouages du commerce? Test empirique   partir des  changes intra-CEMAC. *African Development Review* **29**:3, 485-497. [[Crossref](#)]
34. Yafei Zheng, Yanmin Shao, Shouyang Wang. 2017. The determinants of Chinese nonferrous metals imports and exports. *Resources Policy* **53**, 238-246. [[Crossref](#)]
35. Peter E. Robertson, Marie-Claire Robitaille. 2017. The Tyranny of Distance and the Gravity of Resources. *Economic Record* **82**. . [[Crossref](#)]
36. Assem Abu Hatab. 2017. "Made in China": the displacement effect of China on Egyptian textile exports. *Journal of Agribusiness in Developing and Emerging Economies* **7**:2, 99-114. [[Crossref](#)]
37. Julian Frede, Hakan Yetkiner. 2017. The regional trade dynamics of Turkey: a panel data gravity model. *The Journal of International Trade & Economic Development* **26**:6, 633-648. [[Crossref](#)]
38. Natasha Agarwal, Zheng Wang. 2017. Does the US EXIM Bank really promote US exports?. *The World Economy* **85**. . [[Crossref](#)]

39. Nina Ranilović. 2017. The Effects of Economic Integration on Croatian Merchandise Trade: A Gravity Model Study. *Comparative Economic Studies* 69. . [[Crossref](#)]
40. Stephen J. Redding, Esteban Rossi-Hansberg. 2017. Quantitative Spatial Economics. *Annual Review of Economics* 9:1, 21-58. [[Crossref](#)]
41. Timothy J. Kehoe, Pau S. Pujolàs, Jack Rossbach. 2017. Quantitative Trade Models: Developments and Challenges. *Annual Review of Economics* 9:1, 295-325. [[Crossref](#)]
42. Salvador Gil-Pareja, Rafael Llorca-Vivero, José Antonio Martínez-Serrano. 2017. Does the Degree of Development Matter in the Impact of Banking Crises on International Trade?. *Review of Development Economics* 21:3, 829-848. [[Crossref](#)]
43. Azizjon Alimov, Micah S. Officer. 2017. Intellectual property rights and cross-border mergers and acquisitions. *Journal of Corporate Finance* 45, 360-377. [[Crossref](#)]
44. Cong S. Pham, Xuan Nguyen, Pasquale Sgro, Xueli Tang. 2017. Has China Displaced its Competitors in High-tech Trade?. *The World Economy* 40:8, 1569-1596. [[Crossref](#)]
45. Juyoung Cheong, Do Won Kwak, Kam Ki Tang. 2017. The trade effects of tariffs and non-tariff changes of preferential trade agreements. *Economic Modelling* . [[Crossref](#)]
46. Jonathan Jones, Ilona Serwicka, Colin Wren. 2017. Economic integration, border costs and FDI location: Evidence from the fifth European Union enlargement. *International Review of Economics & Finance* . [[Crossref](#)]
47. Caroline Betts, Rahul Giri, Rubina Verma. 2017. Trade, Reform, and Structural Transformation in South Korea. *IMF Economic Review* 93. . [[Crossref](#)]
48. Felipa de Mello-Sampayo. 2017. Competing-destinations gravity model applied to trade in intermediate goods. *Applied Economics Letters* 69, 1-7. [[Crossref](#)]
49. Chang Hoon Oh, Michele Fratianni. 2017. On the optimal size of bilateral investment treaty network in foreign direct investment flows. *Multinational Business Review* 25:2, 150-170. [[Crossref](#)]
50. Mohammad Nasre Esfahani, Ehsan Rasoulinezhad. 2017. Iran's trade policy of asianization and de-europeanization under sanctions. *Journal of Economic Studies* 6, 00-00. [[Crossref](#)]
51. Kristie Briggs. 2017. Innovative partnerships resulting from high-skilled emigration. *International Journal of Development Issues* 16:2, 161-173. [[Crossref](#)]
52. Daniel Nepelski, Giuditta De Prato. 2017. The structure and evolution of ICT global innovation network. *Industry and Innovation* 22, 1-26. [[Crossref](#)]
53. Richa Khurana, D. K. Nauriyal. 2017. ASEAN-India Free Trade Agreement: Evaluating Trade Creation and Trade Diversion Effects. *Journal of East-West Business* 23:3, 283-307. [[Crossref](#)]
54. Mathias Czaika, Eric Neumayer. 2017. Visa restrictions and economic globalisation. *Applied Geography* 84, 75-82. [[Crossref](#)]
55. Daniel Steinberg. 2017. Resource shocks and human capital stocks – Brain drain or brain gain?. *Journal of Development Economics* 127, 250-268. [[Crossref](#)]
56. Gunes Gokmen. 2017. Clash of civilizations and the impact of cultural differences on trade. *Journal of Development Economics* 127, 449-458. [[Crossref](#)]
57. Faqin Lin, Wenshou Yan, Xiaosong Wang. 2017. The impact of Africa-China's diplomatic visits on bilateral trade. *Scottish Journal of Political Economy* 64:3, 310-326. [[Crossref](#)]
58. Michael D. Bordo, Ehsan U. Choudhri, Giorgio Fazio, Ronald MacDonald. 2017. The real exchange rate in the long run: Balassa-Samuelson effects reconsidered. *Journal of International Money and Finance* 75, 69-92. [[Crossref](#)]
59. Jaimin Lee, Seong-Hoon Cho. 2017. Free trade agreement and transport service trade. *The World Economy* 40:7, 1494-1512. [[Crossref](#)]

60. Federica DeMaria, Sophie Drogue. 2017. EU Trade Regulation for Baby Food: Protecting Health or Trade?. *The World Economy* 40:7, 1430-1453. [[Crossref](#)]
61. J.Y. Gnabo, M. Kerkour, C. Lecourt, H. Raymond. 2017. Understanding the decision-Making process of sovereign wealth funds: the case of Temasek. *International Economics* . [[Crossref](#)]
62. Jung-Ah Hwang, Yeonbae Kim. 2017. Effects of Environmental Regulations on Trade Flow in Manufacturing Sectors: Comparison of Static and Dynamic Effects of Environmental Regulations. *Business Strategy and the Environment* 26:5, 688-706. [[Crossref](#)]
63. Koen Jochmans. 2017. Two-Way Models for Gravity. *The Review of Economics and Statistics* 99:3, 478-485. [[Crossref](#)]
64. Rod Falvey, Neil Foster-McGregor. 2017. Heterogeneous effects of bilateral investment treaties. *Review of World Economics* 86. . [[Crossref](#)]
65. Sarah Adelman, Katherine Schmeiser. 2017. Infant formula trade and the family-friendly workplace. *Applied Economics Letters* 1-4. [[Crossref](#)]
66. Mausumi Kar. 2017. ECONOMIC INTEGRATION AND TRADE PROTECTION: POLICY ISSUES FOR SOUTH ASIAN COUNTRIES. *Contemporary Economic Policy* 63. . [[Crossref](#)]
67. Siopé Vakataki 'Ofa, Azmat Gani. 2017. Trade policy and health implication for Pacific island countries. *International Journal of Social Economics* 44:6, 816-830. [[Crossref](#)]
68. Petrit Gashi, Mehtap Hisarciklilar, Geoffrey Pugh. 2017. Kosovo – EU trade relations: a dynamic panel poisson approach. *Applied Economics* 49:27, 2642-2654. [[Crossref](#)]
69. Suryadipta Roy. 2017. Does time difference between countries reduce bilateral trade? An application of the correlated random effects method using panel data. *Applied Economics Letters* 24:10, 695-698. [[Crossref](#)]
70. Jacint Balaguer, Jordi Ripollés. 2017. Revisiting the importance of border effect in sub-national regions. Evidence from a quasi-experimental design. *Papers in Regional Science* 107. . [[Crossref](#)]
71. Marina Murat. 2017. Foreign education and international trade: empirical evidence from selected Latin American countries. *International Review of Applied Economics* 83, 1-20. [[Crossref](#)]
72. Wanling Chen, Chi Keung Marco Lau, David Boansi, Mehmet Huseyin Bilgin. 2017. Effects of trade cost on the textile and apparel market: evidence from Asian countries. *The Journal of The Textile Institute* 108:6, 971-986. [[Crossref](#)]
73. Jann Lay, Kerstin Nolte. 2017. Determinants of foreign land acquisitions in low- and middle-income countries. *Journal of Economic Geography* . [[Crossref](#)]
74. David W. Alexander, Rico Merkert. 2017. Challenges to domestic air freight in Australia: Evaluating air traffic markets with gravity modelling. *Journal of Air Transport Management* 61, 41-52. [[Crossref](#)]
75. Pascal L. Ghazalian. 2017. The Effects of NAFTA/CUSFTA on Agricultural Trade Flows: An Empirical Investigation. *Canadian Journal of Agricultural Economics/Revue canadienne d'agroeconomie* 65:2, 219-248. [[Crossref](#)]
76. Marie M. Stack, Geetha Ravishankar, Eric Pentecost. 2017. Foreign direct investment in the eastern European countries: Determinants and performance. *Structural Change and Economic Dynamics* 41, 86-97. [[Crossref](#)]
77. Tomas Havranek, Zuzana Irsova. 2017. Do Borders Really Slash Trade? A Meta-Analysis. *IMF Economic Review* 65:2, 365-396. [[Crossref](#)]
78. Luisa Martí, Rosa Puertas. 2017. The importance of export logistics and trade costs in emerging economies. *Maritime Economics & Logistics* 19:2, 315-333. [[Crossref](#)]
79. Hildegunn K. Nordås, Dorothée Rouzet. 2017. The Impact of Services Trade Restrictiveness on Trade Flows. *The World Economy* 40:6, 1155-1183. [[Crossref](#)]

80. Rishav Bista, Rebecca Tomasik. 2017. Time Zone Effect and the Margins of Exports. *The World Economy* 40:6, 1053-1067. [[Crossref](#)]
81. Laurent Didier. 2017. South-South Trade and Geographical Diversification of Intra-SSA Trade: Evidence from BRICs. *African Development Review* 29:2, 139-154. [[Crossref](#)]
82. Reuven Glick. 2017. Currency Unions and Regional Trade Agreements: EMU and EU Effects on Trade. *Comparative Economic Studies* 59:2, 194-209. [[Crossref](#)]
83. Chris Jacobs-Crisioni, Eric Koomen. 2017. Population growth, accessibility spillovers and persistent borders: Historical growth in West-European municipalities. *Journal of Transport Geography* 62, 80-91. [[Crossref](#)]
84. Thierry Baudassé, Rémi Bazillier, Ismaël Issifou. 2017. MIGRATION AND INSTITUTIONS: EXIT AND VOICE (FROM ABROAD)?. *Journal of Economic Surveys* 40. . [[Crossref](#)]
85. Ana I. Sanjuán, George Philippidis, Helena Resano. 2017. Pulling back the curtain on 'behind the border' trade costs: The case of EU-US agri-food trade. *Spanish Journal of Agricultural Research* 15:2, e0110. [[Crossref](#)]
86. Simeon Kaitibie, Manitra A. Rakotoarisoa. 2017. Determinants of Intra-GCC Food Trade. *The International Trade Journal* 31:3, 272-293. [[Crossref](#)]
87. Lizhi Xu, Kin Keung Lai, Han Qiao, Shouyang Wang. 2017. A study on transport costs and China's exports: An extended gravity model. *Journal of Systems Science and Complexity* 37. . [[Crossref](#)]
88. Karyne B. Charbonneau. 2017. Multiple fixed effects in binary response panel data models. *The Econometrics Journal* . [[Crossref](#)]
89. Inmaculada Martínez-Zarzoso, Florian Johannsen. 2017. The Gravity of Arms. *Defence and Peace Economics* 69, 1-25. [[Crossref](#)]
90. Mamit Deme, Estrella R. Ndrianasy. 2017. Trade-creation and trade-diversion effects of regional trade arrangements: low-income countries. *Applied Economics* 49:22, 2188-2202. [[Crossref](#)]
91. Boryana V. Dimitrova, Daniel Korschun, Yoto V. Yotov. 2017. When and how country reputation stimulates export volume. *International Marketing Review* 34:3, 377-402. [[Crossref](#)]
92. Bedassa Tadesse, Roger White, Huang Zhongwen. 2017. Does China's trade defy cultural barriers?. *International Review of Applied Economics* 31:3, 398-428. [[Crossref](#)]
93. Philippe Saucier, Arslan Tariq Rana. 2017. Do preferential trade agreements contribute to the development of trade? Taking into account the institutional heterogeneity. *International Economics* 149, 41-56. [[Crossref](#)]
94. Hege Medin. 2017. The reverse home-market effect in exports: a cross-country study of the extensive margin of exports. *Review of World Economics* 153:2, 301-325. [[Crossref](#)]
95. Hüseyin Aytuğ, Merve Mavuş Kütük, Arif Oduncu, Sübidey Togan. 2017. Twenty Years of the EU-Turkey Customs Union: A Synthetic Control Method Analysis. *JCMS: Journal of Common Market Studies* 55:3, 419-431. [[Crossref](#)]
96. Jayjit Roy. 2017. On the environmental consequences of intra-industry trade. *Journal of Environmental Economics and Management* 83, 50-67. [[Crossref](#)]
97. Igor Bagayev, Julie Lochard. 2017. EU air pollution regulation: A breath of fresh air for Eastern European polluting industries?. *Journal of Environmental Economics and Management* 83, 145-163. [[Crossref](#)]
98. Donald Lien, Melody Lo. 2017. Economic impacts of cultural institutes. *The Quarterly Review of Economics and Finance* 64, 12-21. [[Crossref](#)]
99. Emily J. Blanchard, William W. Olney. 2017. Globalization and human capital investment: Export composition drives educational attainment. *Journal of International Economics* 106, 165-183. [[Crossref](#)]

100. Scott French. 2017. Revealed comparative advantage: What is it good for?. *Journal of International Economics* **106**, 83-103. [[Crossref](#)]
101. Fabien Candau, Florent Deisting, Julie Schlick. 2017. How Income and Crowding Effects Influence the World Market for French Wines. *The World Economy* **40**:5, 963-977. [[Crossref](#)]
102. Ayçıl Yücer, Jean-Marc Siroën. 2017. Trade Performance of Export Processing Zones. *The World Economy* **40**:5, 1012-1038. [[Crossref](#)]
103. Martina Sartori, Stefano Schiavo, Andrea Fracasso, Massimo Riccaboni. 2017. Modeling the future evolution of the virtual water trade network: A combination of network and gravity models. *Advances in Water Resources* . [[Crossref](#)]
104. Maria Bas, Thierry Mayer, Mathias Thoenig. 2017. From Micro to Macro: Demand, Supply, and Heterogeneity in the Trade Elasticity. *Journal of International Economics* . [[Crossref](#)]
105. Thomas Y. Mathä, Alessandro Porpiglia, Michael Ziegelmeyer. 2017. Cross-border commuting and consuming: an empirical investigation. *Applied Economics* **49**:20, 2011-2026. [[Crossref](#)]
106. Andrea Dal Bianco, Maria J. Estrella-Orrego, Vasco L. Boatto, Alejandro J. Gennari. 2017. Is Mercosur promoting trade? Insights from Argentinean wine exports. *Spanish Journal of Agricultural Research* **15**:1, e0108. [[Crossref](#)]
107. Felipa de Mello-Sampayo. 2017. Testing competing destinations gravity models – evidence from BRIC International. *The Journal of International Trade & Economic Development* **26**:3, 277-294. [[Crossref](#)]
108. Rao Muhammad Atif, Liu Haiyun, Haider Mahmood. 2017. Pakistan's agricultural exports, determinants and its potential: an application of stochastic frontier gravity model. *The Journal of International Trade & Economic Development* **26**:3, 257-276. [[Crossref](#)]
109. Thai Young Kim, Rommert Dekker, Christiaan Heij. 2017. Cross-Border Electronic Commerce: Distance Effects and Express Delivery in European Union Markets. *International Journal of Electronic Commerce* **21**:2, 184-218. [[Crossref](#)]
110. Mohammad Ali, Alok K. Bohara. 2017. How Does FDI Respond to the Size of Shadow Economy: An Empirical Analysis under a Gravity Model Setting. *International Economic Journal* **31**:2, 159-178. [[Crossref](#)]
111. Michael Gove. 2017. Migration's Contribution to Trade: State-Level Evidence on the Importance of Destination Geographic Proximity. *International Economic Journal* **31**:2, 224-244. [[Crossref](#)]
112. Emmanuel Genesis T. Andal. 2017. ASEAN centrality amidst economic integration in the Asia Pacific region. *Journal of the Asia Pacific Economy* **22**:2, 273-290. [[Crossref](#)]
113. Ingo Borchert, Yoto V. Yotov. 2017. Distance, globalization, and international trade. *Economics Letters* **153**, 32-38. [[Crossref](#)]
114. Ayaz Zeynalov. 2017. The gravity of institutions in a resource-rich country: the case of Azerbaijan. *International Economics and Economic Policy* **14**:2, 239-261. [[Crossref](#)]
115. Xiaohua Lin, Xiyan Yang. 2017. From human capital externality to entrepreneurial aspiration: Revisiting the migration-trade linkage. *Journal of World Business* **52**:3, 360-371. [[Crossref](#)]
116. Shawn Arita, Jayson Beckman, Lorraine Mitchell. 2017. Reducing transatlantic barriers on U.S.-EU agri-food trade: What are the possible gains?. *Food Policy* **68**, 233-247. [[Crossref](#)]
117. Mathias Czaika, Christopher R. Parsons. 2017. The Gravity of High-Skilled Migration Policies. *Demography* **54**:2, 603-630. [[Crossref](#)]
118. Julia Gray, Jeffrey Kucik. 2017. Leadership Turnover and the Durability of International Trade Commitments. *Comparative Political Studies* **85**, 001041401769533. [[Crossref](#)]
119. Tomasz Brodzicki, Stanislaw Uminski. 2017. A gravity panel data analysis of foreign trade by regions: the role of metropolises and history. *Regional Studies* **11**, 1-13. [[Crossref](#)]

120. N. Nergiz Dincer, Ayça Tekin-Koru, Pinar Yaşar. 2017. Costs of a missing FTA: the case of Turkey and Algeria. *Empirica* **23**. . [[Crossref](#)]
121. Kichun Kang. 2017. The effect of immigrants on the extensive and intensive margins of trade. *Applied Economics Letters* 1-4. [[Crossref](#)]
122. Amy H. Liu, Megan Roosevelt, Sarah Wilson Sokhey. 2017. Trade and the Recognition of Commercial Lingua Francas: Russian Language Laws in Post-Soviet Countries. *Economics & Politics* **29**:1, 48-68. [[Crossref](#)]
123. Juyoung Cheong, Do Won Kwak, Haishan Yuan. 2017. Trade to aid: EU's temporary tariff waivers for flood-hit Pakistan. *Journal of Development Economics* **125**, 70-88. [[Crossref](#)]
124. Steven Pennings. 2017. Pass-through of competitors' exchange rates to US import and producer prices. *Journal of International Economics* **105**, 41-56. [[Crossref](#)]
125. Rodrigo Adao, Arnaud Costinot, Dave Donaldson. 2017. Nonparametric Counterfactual Predictions in Neoclassical Models of International Trade. *American Economic Review* **107**:3, 633-689. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
126. Marco Alderighi, Alberto A. Gaggero. 2017. Fly and trade: Evidence from the Italian manufacturing industry. *Economics of Transportation* **9**, 51-60. [[Crossref](#)]
127. Bernard Hoekman, Ben Shepherd. 2017. Services Productivity, Trade Policy and Manufacturing Exports. *The World Economy* **40**:3, 499-516. [[Crossref](#)]
128. Peter H. Egger, Joseph Francois, Douglas R. Nelson. 2017. The Role of Goods-Trade Networks for Services-Trade Volume. *The World Economy* **40**:3, 532-543. [[Crossref](#)]
129. Sergey M. Kadochnikov, Anna A. Fedyunina. 2017. The impact of financial and human resources on the export performance of Russian firms. *Economic Systems* **41**:1, 41-51. [[Crossref](#)]
130. Jan-Paul Brekke, Marianne Røed, Pål Schøne. 2017. Reduction or deflection? The effect of asylum policy on interconnected asylum flows. *Migration Studies* **5**:1, 65-96. [[Crossref](#)]
131. Eliav Danziger. 2017. Skill Acquisition and the Dynamics of Trade-Induced Inequality. *Journal of International Economics* . [[Crossref](#)]
132. Gabriele Standardi, Yiyong Cai, Sonia Yeh. 2017. Sensitivity of modeling results to technological and regional details: The case of Italy's carbon mitigation policy. *Energy Economics* **63**, 116-128. [[Crossref](#)]
133. Inmaculada Martínez-Zarzoso, Martina Vidovic, Anca M. Voicu. 2017. Are the Central East European Countries Pollution Havens?. *The Journal of Environment & Development* **26**:1, 25-50. [[Crossref](#)]
134. Sylvanus Kwaku Afesorgbor. 2017. Revisiting the effect of regional integration on African trade: evidence from meta-analysis and gravity model. *The Journal of International Trade & Economic Development* **26**:2, 133-153. [[Crossref](#)]
135. . Bibliography 193-211. [[Crossref](#)]
136. Ehsan Rasoulinezhad. 2017. China's foreign trade policy with OPEC member countries. *Journal of Chinese Economic and Foreign Trade Studies* **10**:1, 61-81. [[Crossref](#)]
137. Margaux MacDonald. 2017. International capital market frictions and spillovers from quantitative easing. *Journal of International Money and Finance* **70**, 135-156. [[Crossref](#)]
138. Chang Hoon Oh. 2017. How do natural and man-made disasters affect international trade? A country-level and industry-level analysis. *Journal of Risk Research* **20**:2, 195-217. [[Crossref](#)]
139. Rémi Bazillier, Francesco Magris, Daniel Mirza. 2017. Out-migration and economic cycles. *Review of World Economics* **153**:1, 39-69. [[Crossref](#)]
140. Maria Cipollina, David Laborde Debucquet, Luca Salvatici. 2017. The tide that does not raise all boats: an assessment of EU preferential trade policies. *Review of World Economics* **153**:1, 199-231. [[Crossref](#)]

141. Ana L. Abeliansky, Martin Hilbert. 2017. Digital technology and international trade: Is it the quantity of subscriptions or the quality of data speed that matters?. *Telecommunications Policy* 41:1, 35-48. [[Crossref](#)]
142. Anindya S. Chakrabarti, Aparna Sengupta. 2017. Productivity differences and inter-state migration in the U.S.: A multilateral gravity approach. *Economic Modelling* 61, 156-168. [[Crossref](#)]
143. Salvador Gil-Pareja, Rafael Llorca-Vivero, José Antonio Martínez-Serrano. 2017. The effect of nonreciprocal preferential trade agreements on benefactors' exports. *Empirical Economics* 52:1, 143-154. [[Crossref](#)]
144. G. Andrew Karolyi, Rose C. Liao. 2017. State capitalism's global reach: Evidence from foreign acquisitions by state-owned companies. *Journal of Corporate Finance* 42, 367-391. [[Crossref](#)]
145. Valeriano Martínez-San Román, Ingrid Mateo-Mantecón, Rubén Sainz-González. 2017. Intra-national home bias: New evidence from the United States commodity flow survey. *Economics Letters* 151, 4-9. [[Crossref](#)]
146. Antoine Bouët, Charlotte Emlinger, Viola Lamani. 2017. What Determines Exports of Luxury Products? The Case of Cognac. *Journal of Wine Economics* 12:01, 37-58. [[Crossref](#)]
147. Koen Jochmans. 2017. Semiparametric Analysis of Network Formation. *Journal of Business & Economic Statistics* 32, 1-9. [[Crossref](#)]
148. Heiko Dreyer, Svetlana Fedoseeva, Roland Herrmann. 2017. Gravity Meets Pricing to Market: What a Combined-Method Approach Tells Us on German Beer Exports and Pricing. *Jahrbücher für Nationalökonomie und Statistik* 237:4. . [[Crossref](#)]
149. Jaume Rosselló, Maria Santana-Gallego, Waqas Awan. 2017. Infectious disease risk and international tourism demand. *Health Policy and Planning* czw177. [[Crossref](#)]
150. Nizan Feldman, Tal Sadeh. 2017. War and Third-party Trade. *Journal of Conflict Resolution* 002200271664432. [[Crossref](#)]
151. Güzin Bayar. 2017. Estimating export equations: a survey of the literature. *Empirical Economics* . [[Crossref](#)]
152. Lota D. Tamini, Zakaria Sorgho. 2017. Trade in Environmental Goods: Evidences from an Analysis Using Elasticities of Trade Costs. *Environmental and Resource Economics* . [[Crossref](#)]
153. Zakaria Sorgho, Bruno Larue. 2017. Do Geographical Indications Really Increase Trade? A Conceptual Framework and Empirics. *Journal of Agricultural & Food Industrial Organization*, ahead of print. [[Crossref](#)]
154. Kwame Osei-Assibey. 2017. Exchange Rate Volatility, Earnings Uncertainty and Bidirectional Trade Flows: Empirical Evidence on Ghana. *International Economic Journal* 31:1, 135-157. [[Crossref](#)]
155. Cephas B. Naanwaab, Jeffrey A. Edwards. 2017. Analyzing Trade Growth Effects of Deviations from Long-run Economic Growth. *Global Economy Journal*, ahead of print. [[Crossref](#)]
156. Chukwuka Onyekwena, Idris Ademuyiwa, Eberechukwu Uneze. Trade and Foreign Direct Investment Nexus in West Africa: Does Export Category Matter? 109-133. [[Crossref](#)]
157. John Joshua. Emerging Trading Blocs and Policies 141-159. [[Crossref](#)]
158. Gordon Sirr, John Garvey, Liam A. Gallagher. 2017. Bilateral Investment Treaties and Foreign Direct Investment: Evidence of Asymmetric Effects on Vertical and Horizontal Investments. *Development Policy Review* 35:1, 93-113. [[Crossref](#)]
159. Inmaculada Martínez-Zarzoso, Florian Johannsen. 2017. Euro Effect on Trade in Final, Intermediate and Capital Goods. *International Journal of Finance & Economics* 22:1, 30-43. [[Crossref](#)]
160. Yonghong Zhou. 2017. Have Free Trade Agreements Created Trade? Evidence from CEPA. *Pacific Economic Review* . [[Crossref](#)]

161. Kara Carroll Tiller, Jean-Claude Thill. 2017. Spatial patterns of landside trade impedance in containerized South American exports. *Journal of Transport Geography* **58**, 272-285. [[Crossref](#)]
162. Hongjin Xiang, Yanxiang Kuang, Chenhua Li. 2017. Impact of the China–Australia FTA on global coal production and trade. *Journal of Policy Modeling* **39**:1, 65-78. [[Crossref](#)]
163. Florian Johannsen, Inmaculada Martínez-Zarzoso. Exchange Rate Volatility, Euro Effect and the Two Margins of Trade: Evidence from Monthly Trade Data 285-307. [[Crossref](#)]
164. Tristan Kohl. The WTO's Effect on Trade: What You Give is What You Get 459-493. [[Crossref](#)]
165. Kazunobu Hayakawa. 2017. Domestic and international border effects: The cases of China and Japan. *China Economic Review* . [[Crossref](#)]
166. Luís Aguiar-Conraria, Pedro Brinca, Haukur Viðar Guðjónsson, Maria Joana Soares. 2017. Business cycle synchronization across U.S. states. *The B.E. Journal of Macroeconomics* **17**:1. . [[Crossref](#)]
167. ## #. 2017. Literature Review on the Application of Gravity Model in Service Trade Flows Research. *World Economic Research* **06**:01, 1-13. [[Crossref](#)]
168. Wilhelm Kohler, Benjamin Jung. 2017. Wie vorteilhaft ist internationaler Handel?. *Perspektiven der Wirtschaftspolitik* **18**:1. . [[Crossref](#)]
169. Rod Falvey, Neil Foster-McGregor. 2017. North-South foreign direct investment and bilateral investment treaties. *The World Economy* . [[Crossref](#)]
170. MARC BADIA-MIRÓ, ANNA CARRERAS-MARÍN, CHRISTOPHER M. MEISSNER. 2017. Geography, policy, or productivity? Regional trade in five South American countries, 1910-50. *The Economic History Review* . [[Crossref](#)]
171. Philip B. Whyman, Alina I. Petrescu. 77. [[Crossref](#)]
172. Fatima Olanike Kareem, Inmaculada Martinez-Zarzoso, Bernhard Brümmer. 2017. Protecting health or protecting imports? Evidence from EU non-tariff measures. *International Review of Economics & Finance* . [[Crossref](#)]
173. Carlos A. Cinquetti. 2017. Comparative Advantages and Demand in the New Competitive Ricardian Models. *Foreign Trade Review* 001573251668188. [[Crossref](#)]
174. Lucie Coufalová, Libor Židek. 2017. Is Czech Export still Biased towards the Eastern Markets?. *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis* **65**:4, 1339-1347. [[Crossref](#)]
175. Abdoulganiour Almame Tinta. 2017. The determinants of participation in global value chains: The case of ECOWAS. *Cogent Economics & Finance* **5**:1. . [[Crossref](#)]
176. Park Innwon, Park Soonchan. 2016. Trade Facilitation Provisions in Regional Trade Agreements: Discriminatory or Non-discriminatory?. *East Asian Economic Review* **20**:4, 447-467. [[Crossref](#)]
177. Fida Karam, Chahir Zaki. 2016. How did wars dampen trade in the MENA region?. *Applied Economics* **48**:60, 5909-5930. [[Crossref](#)]
178. Magdalena Olczyk. 2016. A systematic retrieval of international competitiveness literature: a bibliometric study. *Eurasian Economic Review* **6**:3, 429-457. [[Crossref](#)]
179. Eric Neumayer, Thomas Plümper. 2016. Spatial spill-overs from terrorism on tourism: Western victims in Islamic destination countries. *Public Choice* **169**:3-4, 195-206. [[Crossref](#)]
180. Jon Echevarria, Javier Gardeazabal. 2016. Refugee gravitation. *Public Choice* **169**:3-4, 269-292. [[Crossref](#)]
181. Liudmila Popova, Ehsan Rasoulinezhad. 2016. Have Sanctions Modified Iran's Trade Policy? An Evidence of Asianization and De-Europeanization through the Gravity Model. *Economies* **4**:4, 24. [[Crossref](#)]

182. Maria Cipollina, Federica Demaria, Filomena Pietrovito. 2016. Determinants of Trade: the Role of Innovation in Presence of Quality Standards. *Journal of Industry, Competition and Trade* **16**:4, 455-475. [[Crossref](#)]
183. Firat Demir, Chenghao Hu. 2016. Institutional Differences and the Direction of Bilateral Foreign Direct Investment Flows: Are South-South Flows any Different than the Rest?. *The World Economy* **39**:12, 2000-2024. [[Crossref](#)]
184. KICHUN KANG, PHYLLIS KEYS, YOON S. SHIN. 2016. FREE TRADE AGREEMENTS AND BRIDGEHEAD EFFECT: EVIDENCE FROM KOREA-CHILE FTA. *The Singapore Economic Review* **61**:05, 1550098. [[Crossref](#)]
185. Xijing Li, Bo Huang, Rongrong Li, Yipei Zhang. 2016. Exploring the impact of high speed railways on the spatial redistribution of economic activities - Yangtze River Delta urban agglomeration as a case study. *Journal of Transport Geography* **57**, 194-206. [[Crossref](#)]
186. Andrea Saayman, Paolo Figini, Silvio Cassella. 2016. The influence of formal trade agreements and informal economic cooperation on international tourism flows. *Tourism Economics* **22**:6, 1274-1300. [[Crossref](#)]
187. G. Andrew Karolyi. 2016. The gravity of culture for finance. *Journal of Corporate Finance* **41**, 610-625. [[Crossref](#)]
188. Farrukh Suvankulov. 2016. Revisiting national border effects in foreign trade in goods of Canadian provinces. *The Journal of International Trade & Economic Development* **25**:8, 1045-1070. [[Crossref](#)]
189. Štefan Bojnec, Imre Fertő. 2016. Globalization and Outward Foreign Direct Investment. *Emerging Markets Finance and Trade* . [[Crossref](#)]
190. Pamela J. Smith, Erik S. Katovich. 2016. Are GMO Policies “Trade Related”? Empirical Analysis of Latin America. *Applied Economic Perspectives and Policy* ppw021. [[Crossref](#)]
191. Takumi Naito. 2016. Aid for Trade and Global Growth. *Review of International Economics* **24**:5, 1178-1201. [[Crossref](#)]
192. Pat McAllister, Anupam Nanda. 2016. Does Real Estate Defy Gravity? An Analysis of Foreign Real Estate Investment Flows. *Review of International Economics* **24**:5, 924-948. [[Crossref](#)]
193. Ferdinand Rauch. 2016. The Geometry of the Distance Coefficient in Gravity Equations in International Trade. *Review of International Economics* **24**:5, 1167-1177. [[Crossref](#)]
194. Shahriar Kabir, Ruhul Salim. 2016. CAN A COMMON CURRENCY INDUCE INTRA-REGIONAL TRADE? THE SOUTHEAST ASIAN PERSPECTIVE. *Review of Urban & Regional Development Studies* **28**:3, 218-234. [[Crossref](#)]
195. Gregory W. Whitten. 2016. Disaggregated trade and disaggregated currency unions: a ranking of common currency effects. *Agricultural Economics* **47**:6, 661-670. [[Crossref](#)]
196. Irfan Mujahid, Matthias Kalkuhl. 2016. Do Trade Agreements Increase Food Trade?. *The World Economy* **39**:11, 1812-1833. [[Crossref](#)]
197. Laurent Didier. 2016. Economic diplomacy: The “one-China policy” effect on trade. *China Economic Review* . [[Crossref](#)]
198. Mohamed Azzim Gulamhussen, Jean-François Hennart, Carlos Manuel Pinheiro. 2016. What drives cross-border M&As in commercial banking?. *Journal of Banking & Finance* **72**, S6-S18. [[Crossref](#)]
199. Kristian Behrens. 2016. Agglomeration and clusters: Tools and insights from coagglomeration patterns. *Canadian Journal of Economics/Revue canadienne d'économique* **49**:4, 1293-1339. [[Crossref](#)]
200. Luisa Alamá-Sabater, Benedikt Heid, Eduardo Jiménez-Fernández, Laura Márquez-Ramos. 2016. What drives interdependence of FDI among host countries? The role of geographic proximity and similarity in public debt. *Economic Modelling* **58**, 466-474. [[Crossref](#)]

201. Ana Cuadros, Joan Martín-Montaner, Jordi Paniagua. 2016. Homeward bound FDI: Are migrants a bridge over troubled finance?. *Economic Modelling* **58**, 454-465. [[Crossref](#)]
202. Monique Ebell. 2016. Assessing the Impact of Trade Agreements on Trade. *National Institute Economic Review* **238**:1, R31-R42. [[Crossref](#)]
203. Magdalena Olczyk. 2016. Bibliometric approach to tracking the concept of international competitiveness. *Journal of Business Economics and Management* **17**:6, 945-959. [[Crossref](#)]
204. Inma Martínez-Zarzoso, F. D. Nowak-Lehmann, S. Klasen. 2016. Aid and Its Impact on the Donor's Export Industry: The Dutch Case. *The European Journal of Development Research* **69**. . [[Crossref](#)]
205. Andrew K. Rose. 2016. Why do Estimates of the EMU Effect on Trade Vary so Much?. *Open Economies Review* . [[Crossref](#)]
206. Kin-Ming Wong, Terence Tai-Leung Chong. 2016. Does monetary policy matter for trade?. *International Economics* **147**, 107-125. [[Crossref](#)]
207. Philippe Bacchetta, Eric van Wincoop. 2016. The Great Recession: A Self-Fulfilling Global Panic. *American Economic Journal: Macroeconomics* **8**:4, 177-198. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
208. Charles Regnacq, Ariel Dinar, Ellen Hanak. 2016. The Gravity of Water: Water Trade Frictions in California. *American Journal of Agricultural Economics* **98**:5, 1273-1294. [[Crossref](#)]
209. Zhiqi Chen, Horatiu A. Rus, Anindya Sen. 2016. Border Effects Before and After 9/11: Panel Data Evidence Across Industries. *The World Economy* **39**:10, 1456-1481. [[Crossref](#)]
210. Piero Esposito. 2016. Trade creation, trade diversion and imbalances in the EMU. *Economic Modelling* . [[Crossref](#)]
211. Bassem Kahouli. 2016. Regional Integration Agreements, Trade Flows and Economic Crisis: A Static and Dynamic Gravity Model. *International Economic Journal* **30**:4, 450-475. [[Crossref](#)]
212. José A.F. Machado, J.M.C. Santos Silva, Kehai Wei. 2016. Quantiles, corners, and the extensive margin of trade. *European Economic Review* **89**, 73-84. [[Crossref](#)]
213. Catherine Roux, Luís Santos-Pinto, Christian Thöni. 2016. Home bias in multimarket Cournot games. *European Economic Review* **89**, 361-371. [[Crossref](#)]
214. Sandra Sequeira. 2016. Corruption, Trade Costs, and Gains from Tariff Liberalization: Evidence from Southern Africa. *American Economic Review* **106**:10, 3029-3063. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
215. Megersa Abate. 2016. Economic effects of air transport market liberalization in Africa. *Transportation Research Part A: Policy and Practice* **92**, 326-337. [[Crossref](#)]
216. Bergstrand Jeffrey H.. 2016. Should TPP Be Formed? On the Potential Economic, Governance, and Conflict-Reducing Impacts of the Trans-Pacific Partnership Agreement. *East Asian Economic Review* **20**:3, 279-309. [[Crossref](#)]
217. Runjuan Liu, Barry Scholnick, Adam Finn. 2016. The complexity of outsourced services and the role of international business travel. *Journal of Economic Geography* **lbw025**. [[Crossref](#)]
218. Zhaobin Fan, Ruohan Zhang, Xiaotong Liu, Lin Pan. 2016. China's outward FDI efficiency along the Belt and Road. *China Agricultural Economic Review* **8**:3, 455-479. [[Crossref](#)]
219. Andrew J. Cassey, Katherine N. Schmeiser, Andreas Waldkirch. 2016. Exporting Spatial Externalities. *Open Economies Review* **27**:4, 697-720. [[Crossref](#)]
220. Steven Buigut. 2016. Trade Effects of the East African Community Customs Union: Hype Versus Reality. *South African Journal of Economics* **84**:3, 422-439. [[Crossref](#)]
221. Thomas Kopp, Sören Prehn, Bernhard Brümmer. 2016. Preference Erosion - The Case of Everything But Arms and Sugar. *The World Economy* **39**:9, 1339-1359. [[Crossref](#)]

222. Mario Larch, Pehr-Johan Norbäck, Steffen Sirries, Dieter M. Urban. 2016. Heterogeneous Firms, Globalisation and the Distance Puzzle. *The World Economy* **39**:9, 1307-1338. [[Crossref](#)]
223. Abhishek Gaurav, Somesh K. Mathur. 2016. Determinants of Trade Costs and Trade Growth Accounting between India and the European Union during 1995-2010. *The World Economy* **39**:9, 1399-1413. [[Crossref](#)]
224. Matthias Helble, Boon-Loong Ngiang. 2016. From global factory to global mall? East Asia's changing trade composition and orientation. *Japan and the World Economy* **39**, 37-47. [[Crossref](#)]
225. Alice Y. Ouyang, Ramkishen S. Rajan. 2016. Impact of Terrorism on Cross-Border Mergers and Acquisitions (M&As): Prevalence, Frequency and Intensity. *Open Economies Review* . [[Crossref](#)]
226. Jayson Beckman, Shawn Arita. 2016. Modeling the Interplay between Sanitary and Phytosanitary Measures and Tariff-rate Quotas under Partial Trade Liberalization. *American Journal of Agricultural Economics* aaw056. [[Crossref](#)]
227. Robert G. Levy. Estimating Services Flows 33-50. [[Crossref](#)]
228. Xu Tian, Xiaohua Yu. 2016. The Quality of Imported Fruits in China. *Emerging Markets Finance and Trade* **69**, 1-16. [[Crossref](#)]
229. Katerina Gradeva, Inmaculada Martínez-Zarzoso. 2016. Are Trade Preferences more Effective than Aid in Supporting Exports? Evidence from the 'Everything But Arms' Preference Scheme. *The World Economy* **39**:8, 1146-1171. [[Crossref](#)]
230. Yuko Hashimoto, K. M. Wacker. 2016. The role of information for international capital flows: new evidence from the SDDS. *Review of World Economics* **152**:3, 529-557. [[Crossref](#)]
231. Anna Andersson. 2016. Export Performance and Access to Intermediate Inputs: The Case of Rules of Origin Liberalisation. *The World Economy* **39**:8, 1048-1079. [[Crossref](#)]
232. Jeremiás Máté Balogh. 2016. A földrajzi távolság, a kulturális hasonlóság és a szabadkereskedelem hatása a borkereskedelemre. *Közgazdasági Szemle* **63**:7-8, 858-881. [[Crossref](#)]
233. Dibyendu Maiti, Sunil Kumar. 2016. Regional agreements, trade cost and flows in the Pacific. *Economia Politica* **33**:2, 181-199. [[Crossref](#)]
234. David Amirault, Daniel de Munnik, Sarah Miller. 2016. What drags and drives mobility? Explaining Canada's aggregate migration patterns. *Canadian Journal of Economics/Revue canadienne d'économique* **49**:3, 1035-1056. [[Crossref](#)]
235. Reuven Glick, Andrew K. Rose. 2016. Currency unions and trade: A post-EMU reassessment. *European Economic Review* **87**, 78-91. [[Crossref](#)]
236. Matthieu Crozet, Emmanuel Milet, Daniel Mirza. 2016. The impact of domestic regulations on international trade in services: Evidence from firm-level data. *Journal of Comparative Economics* **44**:3, 585-607. [[Crossref](#)]
237. Hyun-Hoon Lee, John Ries. 2016. Aid for Trade and Greenfield Investment. *World Development* **84**, 206-218. [[Crossref](#)]
238. Fernanda Aparecida Silva, Carlos Otávio de Freitas, Leonardo Bornacki de Mattos. 2016. VOLATILIDADE DA TAXA DE CÂMBIO E SEUS EFEITOS SOBRE O FLUXO DE COMÉRCIO DOS PAÍSES DA AMÉRICA DO SUL. *Revista de Economia Contemporânea* **20**:2, 229-249. [[Crossref](#)]
239. Pedro Pintassilgo, Jaume Rosselló, Maria Santana-Gallego, Elisabeth Valle. 2016. The economic dimension of climate change impacts on tourism. *Tourism Economics* **22**:4, 685-698. [[Crossref](#)]
240. S. Prehn, B. Brümmer, T. Glauben. 2016. Gravity model estimation: fixed effects vs. random intercept Poisson pseudo-maximum likelihood. *Applied Economics Letters* **23**:11, 761-764. [[Crossref](#)]

241. Mario Levis, Yaz Gülnur Muradoğlu, Kristina Vasileva. 2016. Home bias persistence in foreign direct investments. *The European Journal of Finance* 22:8-9, 782-802. [[Crossref](#)]
242. Salvador Gil-Pareja, Rafael Llorca-Vivero, José Antonio Martínez-Serrano. 2016. A Re-Examination of the Effect of GATT/WTO on Trade. *Open Economies Review* 27:3, 561-584. [[Crossref](#)]
243. Werner Antweiler. 2016. Cross-border trade in electricity. *Journal of International Economics* 101, 42-51. [[Crossref](#)]
244. Benedikt Heid, Mario Larch. 2016. Gravity with unemployment. *Journal of International Economics* 101, 70-85. [[Crossref](#)]
245. Amandine Aubry, Michał Burzyński, Frédéric Docquier. 2016. The welfare impact of global migration in OECD countries. *Journal of International Economics* 101, 1-21. [[Crossref](#)]
246. JEAN-FRANÇOIS ARVIS, YANN DUVAL, BEN SHEPHERD, CHORTHIP UTOKTHAM, ANASUYA RAJ. 2016. Trade Costs in the Developing World: 1996–2010. *World Trade Review* 15:03, 451-474. [[Crossref](#)]
247. Tadashi Ito, Toshihiro Okubo. 2016. The Impact of the Euro on the Quality of Trade: Evidence from the European Union. *The Manchester School* 84:4, 506-527. [[Crossref](#)]
248. Mona Kashiha, Jean-Claude Thill, Craig A. Depken. 2016. Shipping route choice across geographies: Coastal vs. landlocked countries. *Transportation Research Part E: Logistics and Transportation Review* 91, 1-14. [[Crossref](#)]
249. Mona Kashiha, Craig Depken, Jean-Claude Thill. 2016. Border effects in a free-trade zone: Evidence from European wine shipments. *Journal of Economic Geography* lbw017. [[Crossref](#)]
250. Michael Hübler. 2016. A new trade network theory: What economists can learn from engineers. *Economic Modelling* 55, 115-126. [[Crossref](#)]
251. Carolin Kouyaté, Stephan von Cramon-Taubadel. 2016. Distance and Border Effects on Price Transmission: A Meta-analysis. *Journal of Agricultural Economics* 67:2, 255-271. [[Crossref](#)]
252. Lota D. Tamini, Maurice Doyon, Rodrigue Simon. 2016. Analyzing Trade Liberalization Effects in the Egg Sector Using a Dynamic Gravity Model. *Canadian Journal of Agricultural Economics/Revue canadienne d'agroeconomie* 64:2, 383-411. [[Crossref](#)]
253. Mariarosaria Agostino, Francesco Trivieri. 2016. European Wines Exports Towards Emerging Markets. The Role of Geographical Identity. *Journal of Industry, Competition and Trade* 16:2, 233-256. [[Crossref](#)]
254. Sergey Nigai. 2016. On Measuring the Welfare Gains from Trade Under Consumer Heterogeneity. *The Economic Journal* 126:593, 1193-1237. [[Crossref](#)]
255. Alberto Alesina, Johann Harnoss, Hillel Rapoport. 2016. Birthplace diversity and economic prosperity. *Journal of Economic Growth* 21:2, 101-138. [[Crossref](#)]
256. David H. Bearce, Cody D. Eldredge, Brandy J. Jolliff. 2016. Does Institutional Design Matter? A Study of Trade Effectiveness and PTA Flexibility/Rigidity. *International Studies Quarterly* 60:2, 307-316. [[Crossref](#)]
257. Feng Dai, Songtao Wu, Ling Liang, Zifu Qin. 2016. Bilateral Trade under Environmental Pressure: Balanced Growth. *Journal of Industry, Competition and Trade* 16:2, 209-231. [[Crossref](#)]
258. Wonkyu Shin, Keun Lee, Walter G. Park. 2016. When an Importer's Protection of IPR Interacts with an Exporter's Level of Technology: Comparing the Impacts on the Exports of the North and South. *The World Economy* 39:6, 772-802. [[Crossref](#)]
259. Pasquale Lombardi, Andrea Dal Bianco, Roberto Freda, Francesco Caracciolo, Luigi Cembalo. 2016. Development and trade competitiveness of the European wine sector: A gravity analysis of intra-EU flows. *Wine Economics and Policy* 5:1, 50-59. [[Crossref](#)]

260. Ludo Peeters, Coro Chasco. 2016. Identifying local determinants of destination choices of international immigrants to the Madrid metropolitan area. *Papers in Regional Science* **95**:2, 281-307. [[Crossref](#)]
261. Harald Sander, Stefanie Kleimeier, Sylvia Heuchemer. 2016. The resurgence of cultural borders during the financial crisis: The changing geography of Eurozone cross-border depositing. *Journal of Financial Stability* **24**, 12-26. [[Crossref](#)]
262. Laura Márquez-Ramos. 2016. Port facilities, regional spillovers and exports: Empirical evidence from Spain. *Papers in Regional Science* **95**:2, 329-351. [[Crossref](#)]
263. Kyriakos Drivas, Claire Economidou, Sotiris Karkalakos, Efthymios G. Tsionas. 2016. Mobility of knowledge and local innovation activity. *European Economic Review* **85**, 39-61. [[Crossref](#)]
264. Olayinka Idowu Kareem. 2016. Food safety regulations and fish trade: Evidence from European Union-Africa trade relations. *Journal of Commodity Markets* **2**:1, 18-25. [[Crossref](#)]
265. Torfinn Harding, Anthony J Venables. 2016. The Implications of Natural Resource Exports for Nonresource Trade. *IMF Economic Review* **64**:2, 268-302. [[Crossref](#)]
266. David von Below, Pierre-Louis Vézina. 2016. The Trade Consequences of Pricy Oil. *IMF Economic Review* **64**:2, 303-318. [[Crossref](#)]
267. Oleksandr Shepotylo. 2016. Effect of non-tariff measures on extensive and intensive margins of exports in seafood trade. *Marine Policy* **68**, 47-54. [[Crossref](#)]
268. George Agiomirgianakis,, Theodore Papadogonas,, George Sfakianakis. 2016. The Determinants of Exports Revisited: Lessons from the Recent Crisis. *Applied Economics Quarterly* **62**:2, 107-115. [[Crossref](#)]
269. Soonchan Park, Eun-Ji Min. 2016. The Impacts of Services Trade Barriers on Exports of Goods. *KUKJE KYUNGJE YONGU* **22**:2, 35-54. [[Crossref](#)]
270. Sangwook Nam. 2016. #####. *The Journal of Risk Management* **27**:2, 1-27. [[Crossref](#)]
271. M. D. Parra, I. Martinez-Zarzoso, C. Suárez-Burguet. 2016. The impact of FTAs on MENA trade in agricultural and industrial products. *Applied Economics* **48**:25, 2341-2353. [[Crossref](#)]
272. Olayinka Idowu Kareem. 2016. The High-Value Commodity Export Effects of Standards in Africa. *The International Trade Journal* **30**:3, 237-259. [[Crossref](#)]
273. Dmitriy Krichevskiy, Dhimitri Qirjo, Elie Chrysostome. 2016. Does the level of economic development and the market size of immigrants' country of birth matter for their engagement in entrepreneurial activities in the USA? Evidence from the Princeton's New Immigrant Surveys of 2003 and 2007. *Journal of Small Business & Entrepreneurship* **28**:3, 223-249. [[Crossref](#)]
274. Dieter Pennerstorfer. 2016. Export, Migration and Costs of Trade: Evidence from Central European Firms. *Regional Studies* **50**:5, 848-863. [[Crossref](#)]
275. Inmaculada Martínez-Zarzoso, Sebastian Vollmer. 2016. Bilateral Trade Flows and Income Distribution Similarity. *PLOS ONE* **11**:5, e0128191. [[Crossref](#)]
276. Mahfuz Kabir, Ruhul Salim. 2016. Is trade in electrical and electronic products sensitive to IPR protection? Evidence from China's exports. *Applied Economics* **48**:21, 1991-2005. [[Crossref](#)]
277. Hoda El-Enbaby, Rana Hendy, Chahir Zaki. 2016. Do SPS measures matter for margins of trade? Evidence from firm-level data. *Applied Economics* **48**:21, 1949-1964. [[Crossref](#)]
278. Mohd Hussain Kunroo, Irfan Ahmad Sofi, Naushad Ali Azad. 2016. Trade implications of the Euro in EMU countries: a panel gravity analysis. *Empirica* **43**:2, 391-413. [[Crossref](#)]
279. Dave Donaldson, Richard Hornbeck. 2016. Railroads and American Economic Growth: A "Market Access" Approach. *The Quarterly Journal of Economics* **131**:2, 799-858. [[Crossref](#)]

280. Pelayo Arbués, José F. Baños. 2016. A dynamic approach to road freight flows modeling in Spain. *Transportation* 43:3, 549-564. [[Crossref](#)]
281. Dalila Chenaf-Nicet, Eric Rougier. 2016. The effect of macroeconomic instability on FDI flows: A gravity estimation of the impact of regional integration in the case of Euro-Mediterranean agreements. *International Economics* 145, 66-91. [[Crossref](#)]
282. Christopher S. P. Magee. 2016. Trade creation, trade diversion, and the general equilibrium effects of regional trade agreements: a study of the European Community–Turkey customs union. *Review of World Economics* 152:2, 383-399. [[Crossref](#)]
283. Péter Harasztosi. 2016. Export spillovers in Hungary. *Empirical Economics* 50:3, 801-830. [[Crossref](#)]
284. Fabien Bertho, Ingo Borchert, Aaditya Mattoo. 2016. The trade reducing effects of restrictions on liner shipping. *Journal of Comparative Economics* 44:2, 231-242. [[Crossref](#)]
285. James E. Anderson, Mykyta Vesselovsky, Yoto V. Yotov. 2016. Gravity with scale effects. *Journal of International Economics* 100, 174-193. [[Crossref](#)]
286. Darrell J. Glaser, Ahmed S. Rahman. 2016. Ex Tridenti Mercatus? Sea-power and maritime trade in the age of globalization. *Journal of International Economics* 100, 95-111. [[Crossref](#)]
287. Ting Ting Huang, Bruce Qiang Sun. 2016. The impact of the Internet on global industry: New evidence of Internet measurement. *Research in International Business and Finance* 37, 93-112. [[Crossref](#)]
288. Kenji Nozaki. 2016. Progress in Intra-industry Trade in the Greater Mekong Sub-region. *Foreign Trade Review* 51:2, 147-161. [[Crossref](#)]
289. Monique Ebell, James Warren. 2016. The Long-Term Economic Impact of Leaving the EU. *National Institute Economic Review* 236:1, 121-138. [[Crossref](#)]
290. Yener Kandogan. 2016. Economic development, cultural differences and FDI. *Applied Economics* 48:17, 1545-1559. [[Crossref](#)]
291. Riccardo Cappelli, Fabio Montobbio. 2016. European Integration and Knowledge Flows across European Regions. *Regional Studies* 50:4, 709-727. [[Crossref](#)]
292. Raphaël Chiappini. 2016. Do overseas investments create or replace trade? New insights from a macro-sectoral study on Japan. *The Journal of International Trade & Economic Development* 25:3, 403-425. [[Crossref](#)]
293. Mercedes Campi, Marco Dueñas. 2016. Intellectual Property Rights and International Trade of Agricultural Products. *World Development* 80, 1-18. [[Crossref](#)]
294. Ben Shepherd. 2016. Did APEC's Trade Facilitation Action Plans deliver the goods?. *Journal of Asian Economics* 43, 1-11. [[Crossref](#)]
295. Karla Sarmiento Gonçalves de Souza, Marta Reis Castilho. 2016. Integração produtiva e acordos comerciais: o caso dos países da Aladi. *Economia e Sociedade* 25:1, 173-207. [[Crossref](#)]
296. C.D. Pérez-Blanco, G. Standardi, J. Mysiak, R. Parrado, C. Gutiérrez-Martín. 2016. Incremental water charging in agriculture. A case study of the Regione Emilia Romagna in Italy. *Environmental Modelling & Software* 78, 202-215. [[Crossref](#)]
297. . South Asia's Potential Share of China's Apparel Trade 77-98. [[Crossref](#)]
298. . Overview 1-15. [[Crossref](#)]
299. Maureen B. M. Lankhuizen, Henri L. F. de Groot. 2016. Cultural distance and international trade: a non-linear relationship. *Letters in Spatial and Resource Sciences* 9:1, 19-25. [[Crossref](#)]
300. Pramila Crivelli, Jasmin Groeschl. 2016. The Impact of Sanitary and Phytosanitary Measures on Market Entry and Trade Flows. *The World Economy* 39:3, 444-473. [[Crossref](#)]
301. Quy-Toan Do, Andrei A. Levchenko, Claudio Raddatz. 2016. Comparative advantage, international trade, and fertility. *Journal of Development Economics* 119, 48-66. [[Crossref](#)]

302. Jean-François Arvis, Ben Shepherd. 2016. Measuring Connectivity in a Globally Networked Industry: The Case of Air Transport. *The World Economy* 39:3, 369-385. [[Crossref](#)]
303. Juyoung Cheong, Do Won Kwak, Kam Ki Tang. 2016. The distance effects on the intensive and extensive margins of trade over time. *Empirical Economics* 50:2, 253-278. [[Crossref](#)]
304. Chong Wha Lee, Soonchan Park. 2016. Does Religious Similarity Matter in International Trade in Services?. *The World Economy* 39:3, 409-425. [[Crossref](#)]
305. Shahbaz Nasir, Kaliappa Kalirajan. 2016. Information and Communication Technology-Enabled Modern Services Export Performances of Asian Economies. *Asian Development Review* 33:1, 1-27. [[Crossref](#)]
306. María Santana-Gallego, Francisco Ledesma-Rodríguez, Jorge Pérez-Rodríguez. 2016. The euro effect: Tourism creation, tourism diversion and tourism potential within the European Union. *European Union Politics* 17:1, 46-68. [[Crossref](#)]
307. RAÚL SERRANO, VICENTE PINILLA. 2016. The Declining Role of Latin America in Global Agricultural Trade, 1963–2000. *Journal of Latin American Studies* 48:01, 115-146. [[Crossref](#)]
308. Peter H. Egger, Kevin E. Staub. 2016. GLM estimation of trade gravity models with fixed effects. *Empirical Economics* 50:1, 137-175. [[Crossref](#)]
309. Zakaria Sorgho. 2016. RTAs' Proliferation and Trade-diversion Effects: Evidence of the 'Spaghetti Bowl' Phenomenon. *The World Economy* 39:2, 285-300. [[Crossref](#)]
310. Yoke Fong Kong, Richard Kneller. 2016. Measuring the Impact of China's Export Growth on its Asian Neighbours. *The World Economy* 39:2, 195-220. [[Crossref](#)]
311. Valeriano Martínez-San Román, Marta Bengoa, Blanca Sánchez-Robles. 2016. Foreign direct investment, trade integration and the home bias: evidence from the European Union. *Empirical Economics* 50:1, 197-229. [[Crossref](#)]
312. Andrea Dal Bianco, Vasco Ladislao Boatto, Francesco Caracciolo, Fabio Gaetano Santeramo. 2016. Tariffs and non-tariff frictions in the world wine trade. *European Review of Agricultural Economics* 43:1, 31-57. [[Crossref](#)]
313. Erik Figueiredo, Luiz Renato Lima, Gianluca Orefice. 2016. Migration and Regional Trade Agreements: A (New) Gravity Estimation. *Review of International Economics* 24:1, 99-125. [[Crossref](#)]
314. Xavier Cirera, Francesca Foliano, Michael Gasiorek. 2016. The impact of preferences on developing countries' exports to the European Union: bilateral gravity modelling at the product level. *Empirical Economics* 50:1, 59-102. [[Crossref](#)]
315. Peter Egger, Michael Pfaffermayr. 2016. A generalized spatial error components model for gravity equations. *Empirical Economics* 50:1, 177-195. [[Crossref](#)]
316. Jan Fidrmuc, Jarko Fidrmuc. 2016. Foreign languages and trade: evidence from a natural experiment. *Empirical Economics* 50:1, 31-49. [[Crossref](#)]
317. Badi H. Baltagi, Peter Egger. 2016. Estimation of structural gravity quantile regression models. *Empirical Economics* 50:1, 5-15. [[Crossref](#)]
318. Erik Figueiredo, Luiz Renato Lima, Georg Schaur. 2016. The effect of the Euro on the bilateral trade distribution. *Empirical Economics* 50:1, 17-29. [[Crossref](#)]
319. Eva Spring, Volker Grossmann. 2016. Does bilateral trust across countries really affect international trade and factor mobility?. *Empirical Economics* 50:1, 103-136. [[Crossref](#)]
320. Sergei Sarkissian, Michael J. Schill. 2016. Cross-Listing Waves. *Journal of Financial and Quantitative Analysis* 51:01, 259-306. [[Crossref](#)]
321. Peter Egger, Jan Průša. 2016. The determinants of trade costs: a random coefficient approach. *Empirical Economics* 50:1, 51-58. [[Crossref](#)]

322. Andrea Fracasso, Martina Sartori, Stefano Schiavo. 2016. Determinants of virtual water flows in the Mediterranean. *Science of The Total Environment* **543**, 1054-1062. [[Crossref](#)]
323. Xingwang Qian, Jesus Sandoval-Hernandez. 2016. Corruption Distance and Foreign Direct Investment. *Emerging Markets Finance and Trade* **52:2**, 400-419. [[Crossref](#)]
324. Giorgia Giovannetti, Elisa Ticci. 2016. Determinants of biofuel-oriented land acquisitions in Sub-Saharan Africa. *Renewable and Sustainable Energy Reviews* **54**, 678-687. [[Crossref](#)]
325. Kym Anderson. 2016. CONTRIBUTIONS OF THE GATT/WTO TO GLOBAL ECONOMIC WELFARE: EMPIRICAL EVIDENCE. *Journal of Economic Surveys* **30:1**, 56-92. [[Crossref](#)]
326. Kiyotaka Sato, Junko Shimizu, Nagendra Shrestha, Shajuan Zhang. 2016. Industry-specific exchange rate volatility and intermediate goods trade in Asia. *Scottish Journal of Political Economy* **63:1**, 89-109. [[Crossref](#)]
327. Georges Harb, Nora Abou Shady. 2016. Arab Trade Dynamics after the Implementation of the Pan Arab Free Trade Area (1998–2012). *Review of Middle East Economics and Finance*, ahead of print. [[Crossref](#)]
328. Fernando Martin-Mayoral, Gabriela Morán Carofilis, John Cajas Guijarro. 2016. The effects of integration agreements in Western Hemisphere trade, 1970–2014. *The Journal of International Trade & Economic Development* 1-33. [[Crossref](#)]
329. Qin Li, Mingzhi Li, Jinfeng Luo. 2016. Revisiting Border Effect: Evidence from Taobao.com in China. *Emerging Markets Finance and Trade* **52:1**, 22-38. [[Crossref](#)]
330. Christopher A. Hartwell. 2016. Quantifying nontariff barriers in Ukraine: a comprehensive trade cost approach. *Applied Economics Letters* **23:1**, 47-55. [[Crossref](#)]
331. Gianluca Cafiso, Roberto Cellini, Tiziana Cuccia. 2016. Do economic crises lead tourists to closer destinations? Italy at the time of the Great Recession. *Papers in Regional Science* . [[Crossref](#)]
332. James P. LeSage, Esra Satici. A Bayesian Spatial Interaction Model Variant of the Poisson Pseudo-Maximum Likelihood Estimator 121-143. [[Crossref](#)]
333. Damiaan Persyn, Wouter Torfs. 2016. A gravity equation for commuting with an application to estimating regional border effects in Belgium. *Journal of Economic Geography* **16:1**, 155-175. [[Crossref](#)]
334. Antoine Berthou, Lionel Fontagné. 2016. Variable Trade Costs, Composition Effects and the Intensive Margin of Trade. *The World Economy* **39:1**, 54-71. [[Crossref](#)]
335. Fernando Borraz, Alberto Cavallo, Roberto Rigobon, Leandro Zipitria. 2016. Distance and Political Boundaries: Estimating Border Effects under Inequality Constraints. *International Journal of Finance & Economics* **21:1**, 3-35. [[Crossref](#)]
336. Roberto Patuelli, Gert-Jan M. Linders, Rodolfo Metulini, Daniel A. Griffith. The Space of Gravity: Spatially Filtered Estimation of a Gravity Model for Bilateral Trade 145-169. [[Crossref](#)]
337. Inmaculada Martínez-Zarzoso, Felicitas Nowak-Lehmann, Stephan Klasen, Florian Johannsen. 2016. Does German Development Aid boost German Exports and German Employment? A Sectoral Level Analysis. *Jahrbücher für Nationalökonomie und Statistik* **236:1**. . [[Crossref](#)]
338. Scott French. 2016. The composition of trade flows and the aggregate effects of trade barriers. *Journal of International Economics* **98**, 114-137. [[Crossref](#)]
339. Joseph Buongiorno. 2016. Gravity models of forest products trade: applications to forecasting and policy analysis. *Forestry* **89:2**, 117. [[Crossref](#)]
340. Martijn Burger, Elena Ianchovichina, Bob Rijkers. 2016. Risky Business: Political Instability and Sectoral Greenfield Foreign Direct Investment in the Arab World. *The World Bank Economic Review* **30:2**, 306-331. [[Crossref](#)]

341. Michael Beenstock, Daniel Felsenstein. Double Spatial Dependence in Gravity Models: Migration from the European Neighborhood to the European Union 225-251. [[Crossref](#)]
342. Luis Quintana, Uberto Salgado. 2016. MIGRACIÓN INTERNA MEXICANA DE 1990-2010: UN ENFOQUE DESDE LA NUEVA GEOGRAFÍA ECONÓMICA. *Problemas del Desarrollo* 47:184, 137-162. [[Crossref](#)]
343. Saikat Sinha Roy, Pradyut Kumar Pyne. Is WTO Governed Trade Regime Sufficient for Export Growth? 179-197. [[Crossref](#)]
344. E. Mine Cinar, Joseph Johnson, Katherine Geusz. 2016. Estimating Chinese Trade Relationships with the Silk Road Countries. *China & World Economy* 24:1, 85-103. [[Crossref](#)]
345. Seema Narayan, Tri Tung Nguyen. 2016. Does the trade gravity model depend on trading partners? Some evidence from Vietnam and her 54 trading partners. *International Review of Economics & Finance* 41, 220-237. [[Crossref](#)]
346. Roberto Patuelli, Maurizio Mussoni, Guido Candela. The Effects of World Heritage Sites on Domestic Tourism: A Spatial Interaction Model for Italy 281-315. [[Crossref](#)]
347. Afolabi O. Luqman, Nor Aznin Abu Bakar, Azman Aziz Mukhriz Izraf. 2016. The Gravity Model Approach: An Application on the Eco Was Trading Bloc. *South East European Journal of Economics and Business* 11:1. . [[Crossref](#)]
348. Subhayu Bandyopadhyay, Suryadipta Roy. The Effects of Corruption on Trade Flows: A Disaggregated Analysis 97-116. [[Crossref](#)]
349. Camilla Mastromarco, Laura Serlenga, Yongcheol Shin. Multilateral Resistance and the Euro Effects on Trade Flows 253-278. [[Crossref](#)]
350. Zvezdan Vukanović. An Evolutionary Conceptual and Multidisciplinary Frameworks, Principles, and Criteria for FDI Inflows Determinants 107-135. [[Crossref](#)]
351. Roberto Patuelli, Giuseppe Arbia. Spatial Econometric Interaction Modelling: Where Spatial Econometrics and Spatial Interaction Modelling Meet 1-12. [[Crossref](#)]
352. Saul Estrin, Milica Uvalic. Are Foreign Direct Investments in the Balkans Different? 178-193. [[Crossref](#)]
353. Yongwei Chen, Wei-Min Hu, Radek Szulga, Buoyuan Xue. 2016. Cultural Differences and Interprovincial Trade in China: Effect of Surname Distance and its Mechanisms. *Pacific Economic Review* . [[Crossref](#)]
354. Pathairat Pastpipatkul, Petchaluck Boonyakunakorn, Songsak Sriboonchitta. Thailand's Export and ASEAN Economic Integration: A Gravity Model with State Space Approach 664-674. [[Crossref](#)]
355. E. Ornelas. Special and Differential Treatment for Developing Countries 369-432. [[Crossref](#)]
356. B.A. Blonigen, T.J. Prusa. Dumping and Antidumping Duties 107-159. [[Crossref](#)]
357. N. Limão. Preferential Trade Agreements 279-367. [[Crossref](#)]
358. María Santana-Gallego, Francisco J. Ledesma-Rodríguez, Jorge V. Pérez-Rodríguez. 2016. International trade and tourism flows: An extension of the gravity model. *Economic Modelling* 52, 1026-1033. [[Crossref](#)]
359. Pierre-Bruno Ruffini. 2016. International Trade and Foreign Affairs – Some Reflections on Economic Diplomacy. *Journal of International Logistics and Trade* 14:1, 3. [[Crossref](#)]
360. Sarath Kodithuwakku, Jeevika Weerahewa, Houcine Boughanmi. 2016. Food and Agricultural Trade in the GCC: An Opportunity for South Asia?. *Review of Middle East Economics and Finance* 12:3. . [[Crossref](#)]
361. Tiones Ediel Franzen, Orlando Monteiro da Silva. 2016. Os custos totais do comércio bilateral brasileiro: determinantes e evolução recente. *Revista Visão Contábil* :14, 41-64. [[Crossref](#)]

362. Jiayou Wang. 2016. Analysis and Comparison of the Factors Influencing Worldwide Four Kinds of Vegetable Oil Trade: Based on Gravity Model. *Modern Economy* **07:02**, 173-182. [[Crossref](#)]
363. Tadiwanashe Muganyi, Haibo Chen. 2016. Strategic Economic Partnerships, Exchange Rate Policy and Agricultural Trade: A Gravity Model Analysis of China's Agricultural Trade Flows. *Open Journal of Social Sciences* **04:05**, 48-55. [[Crossref](#)]
364. Shiro Patrick Armstrong. 2015. East and South Asia: Managing Difficult Bilateral Relations and Regional Integration Globally. *Asian Economic Journal* **29:4**, 303-324. [[Crossref](#)]
365. Patrik Karpaty, Patrik Gustavsson Tingvall. 2015. Service Offshoring and Corruption: Do Firms Escape Corrupt Countries?. *Journal of Industry, Competition and Trade* **15:4**, 363-381. [[Crossref](#)]
366. Jordi Paniagua, Alicia Mas-Tur, Juan Sapena. 2015. Is social entrepreneurship a greenfield for foreign direct investment? A conceptual and empirical analysis. *Canadian Journal of Administrative Sciences / Revue Canadienne des Sciences de l'Administration* **32:4**, 265-275. [[Crossref](#)]
367. Nuria Gallego, Carlos Llano. 2015. Thick and Thin Borders in the European Union: How Deep Internal Integration is Within Countries, and How Shallow Between Them. *The World Economy* **38:12**, 1850-1879. [[Crossref](#)]
368. Beate Pinior, Franz J. Conraths, Brigitte Petersen, Thomas Selhorst. 2015. Reprint of "Decision support for risks managers in the case of deliberate food contamination: The dairy industry as an example". *Omega* **57**, 114-122. [[Crossref](#)]
369. Jing Wang, Hyun Hoon Lee, Kyung Tae Kim, Dong Hyun Park. 2015. Firm and Product Heterogeneity in China's Automotive Exports. *The Asian Journal of Shipping and Logistics* **31:4**, 449-457. [[Crossref](#)]
370. Andreas Hatzigeorgiou, Magnus Lodefalk. 2015. Trade, Migration and Integration - Evidence and Policy Implications. *The World Economy* **38:12**, 2013-2048. [[Crossref](#)]
371. Joseph Buongiorno. 2015. Monetary union and forest products trade – The case of the euro. *Journal of Forest Economics* **21:4**, 238-249. [[Crossref](#)]
372. ###. 2015. The Economic Effects of FTA's with South American Countries and its Indirect Effects to Present American FTA Partners: Using the CGE Approach. *The Journal of International Trade & Commerce* **11:6**, 175-192. [[Crossref](#)]
373. Alemayehu Geda, Edris Hussein Seid. 2015. The potential for internal trade and regional integration in Africa. *Journal of African Trade* **2:1-2**, 19-50. [[Crossref](#)]
374. HIROYUKI TAGUCHI, NI LAR. 2015. FRAGMENTATION AND TRADE OF MACHINERY PARTS AND COMPONENTS IN MEKONG REGION. *The Singapore Economic Review* **60:05**, 1550041. [[Crossref](#)]
375. María Henar Salas-Olmedo, Patricia García, Javier Gutiérrez. 2015. Accessibility and transport infrastructure improvement assessment: The role of borders and multilateral resistance. *Transportation Research Part A: Policy and Practice* **82**, 110-129. [[Crossref](#)]
376. Ayako Kondo, Saori Naganuma. 2015. Inter-industry labor reallocation and task distance. *Journal of the Japanese and International Economies* **38**, 127-147. [[Crossref](#)]
377. JEONGSEOK SONG, DAECHEON YANG, SOONWON KWON. 2015. FDI CONSEQUENCES OF DOWNWARD WAGE-COST RIGIDITIES. *The Singapore Economic Review* **1550113**. [[Crossref](#)]
378. Ruth V. Aguilera, Ricardo Flores, Jin Uk Kim. 2015. Re-examining regional borders and the multinational enterprise. *Multinational Business Review* **23:4**, 374-394. [[Crossref](#)]
379. Juyoung Cheong, Do Won Kwak, Kam Ki Tang. 2015. It Is Much Bigger Than What We Thought: New Estimate of Trade Diversion. *The World Economy* **38:11**, 1795-1808. [[Crossref](#)]

380. Andries Brandsma, d'Artis Kancs, Philippe Monfort, Alexandra Rillaers. 2015. RHOMOLO: A dynamic spatial general equilibrium model for assessing the impact of cohesion policy. *Papers in Regional Science* **94**, S197-S221. [[Crossref](#)]
381. Anca D. Cristea, Russell Hillberry, Aaditya Mattoo. 2015. Open Skies over the Middle East. *The World Economy* **38**:11, 1650-1681. [[Crossref](#)]
382. Joshua M. Duke, Steven J. Dundas, Robert J. Johnston, Kent D. Messer. 2015. The effect of spatial interdependencies on prioritization and payments for environmental services. *Land Use Policy* **48**, 341-350. [[Crossref](#)]
383. Lei Dou, Koji Yanagishima, Xin Li, Ping Li, Mitsuhiro Nakagawa. 2015. Food safety regulation and its implication on Chinese vegetable exports. *Food Policy* **57**, 128-134. [[Crossref](#)]
384. Thorvaldur Gylfason, Inmaculada Martínez-Zarzoso, Per Magnus Wijkman. 2015. Free Trade Agreements, Institutions and the Exports of Eastern Partnership Countries. *JCMS: Journal of Common Market Studies* **53**:6, 1214-1229. [[Crossref](#)]
385. Inmaculada Martínez-Zarzoso, Anca Monika Voicu, Martina Vidovic. 2015. Central East European Countries' accession into the European Union: role of extensive margin for trade in intermediate and final goods. *Empirica* **42**:4, 825-844. [[Crossref](#)]
386. Rosa Bernardini Papalia, Silvia Bertarelli. 2015. Trade Costs in Bilateral Trade Flows: Heterogeneity and Zeroes in Structural Gravity Models. *The World Economy* **38**:11, 1744-1762. [[Crossref](#)]
387. Kai Xu. 2015. Why Are Agricultural Goods Not Traded More Intensively: High Trade Costs or Low Productivity Variation?. *The World Economy* **38**:11, 1722-1743. [[Crossref](#)]
388. Sushil Kumar, Shahid Ahmed. 2015. Gravity Model by Panel Data Approach. *Foreign Trade Review* **50**:4, 233-249. [[Crossref](#)]
389. Tamás Krisztin, Manfred M. Fischer. 2015. The Gravity Model for International Trade: Specification and Estimation Issues. *Spatial Economic Analysis* **10**:4, 451-470. [[Crossref](#)]
390. Alfonso Irarrazabal, Andreas Moxnes, Luca David Opromolla. 2015. The Tip of the Iceberg: A Quantitative Framework for Estimating Trade Costs. *Review of Economics and Statistics* **97**:4, 777-792. [[Crossref](#)]
391. James E. Anderson, Yoto V. Yotov. 2015. Terms of trade and global efficiency effects of free trade agreements, 1990–2002. *Journal of International Economics* . [[Crossref](#)]
392. Willem Thorbecke. 2015. China–US trade: A global outlier. *Journal of Asian Economics* **40**, 47-58. [[Crossref](#)]
393. Fabrizio Natale, Alessandra Borrello, Arina Motova. 2015. Analysis of the determinants of international seafood trade using a gravity model. *Marine Policy* **60**, 98-106. [[Crossref](#)]
394. Kari E. R. Heerman, Shawn Arita, Munisamy Gopinath. 2015. Asia-Pacific Integration with China versus the United States: Examining Trade Patterns under Heterogeneous Agricultural Sectors. *American Journal of Agricultural Economics* **97**:5, 1324-1344. [[Crossref](#)]
395. Axel Mangelsdorf. Private standards as means of technology transfer 1-6. [[Crossref](#)]
396. Moonhyun Jung. 2015. The Impact of Logistics Performance on the Export Competitiveness of ASEAN+3 Countries. *The Journal of International Trade & Commerce* **11**:5, 117-135. [[Crossref](#)]
397. Derek Kellenberg. 2015. The Economics of the International Trade of Waste. *Annual Review of Resource Economics* **7**:1, 109-125. [[Crossref](#)]
398. JUNG HUR, HYUN-HOON LEE. 2015. APEC HAS INDEED CREATED INTRA-REGIONAL TRADE: A SYSTEMATIC EMPIRICAL ANALYSIS. *The Singapore Economic Review* 1550103. [[Crossref](#)]

399. Willem Thorbecke. 2015. Enjoying the Fruits of Their Labor: Redirecting Exports to Asian Consumers. *Asian Development Review* 32:2, 95-114. [[Crossref](#)]
400. Peter H. Egger, Sergey Nigai. 2015. Structural gravity with dummies only: Constrained ANOVA-type estimation of gravity models. *Journal of International Economics* 97:1, 86-99. [[Crossref](#)]
401. Pascal L. Ghazalian. 2015. The New Tomato Suspension Agreement: What Are the Implications for Trade Flows?. *Canadian Journal of Agricultural Economics/Revue canadienne d'agroeconomie* 63:3, 359-380. [[Crossref](#)]
402. Koen J. M. van der Veer. 2015. The Private Export Credit Insurance Effect on Trade. *Journal of Risk and Insurance* 82:3, 601-624. [[Crossref](#)]
403. James Harrigan, Xiangjun Ma, Victor Shlychkov. 2015. Export prices of U.S. firms. *Journal of International Economics* 97:1, 100-111. [[Crossref](#)]
404. Peter H. Egger, Filip Tarlea. 2015. Multi-way clustering estimation of standard errors in gravity models. *Economics Letters* 134, 144-147. [[Crossref](#)]
405. GIORGIO FAGIOLO, GIANLUCA SANTONI. 2015. Human-mobility networks, country income, and labor productivity. *Network Science* 3:03, 377-407. [[Crossref](#)]
406. Min Zhou. 2015. The Efficacy of Regional Trade Agreements, 1958-2006: The Effect of Institution Creation on Market Expansion. *Sociological Forum* 30:3, 721-742. [[Crossref](#)]
407. Sören Prehn, Bernhard Brümmer, Stanley R. Thompson. 2015. Payment decoupling and intra-European calf trade. *European Review of Agricultural Economics* 42:4, 625-650. [[Crossref](#)]
408. Thibault Fally. 2015. Structural gravity and fixed effects. *Journal of International Economics* 97:1, 76-85. [[Crossref](#)]
409. Felix Barbalet, Jared Greenville, Wayne Crook, Paul Gretton, Robert Breunig. 2015. Exploring the Links between Bilateral and Regional Trade Agreements and Merchandise Trade. *Asia & the Pacific Policy Studies* 2:3, 467-484. [[Crossref](#)]
410. Raul Serrano, Nieves García-Casarejos, Salvador Gil-Pareja, Rafael Llorca-Vivero, Vicente Pinilla. 2015. The internationalisation of the Spanish food industry: the home market effect and European market integration. *Spanish Journal of Agricultural Research* 13:3, e0104. [[Crossref](#)]
411. Luis Marcelo Florensa, Laura Márquez-Ramos, Inmaculada Martínez-Zarzoso, María Luisa Recalde. 2015. Regional versus global production networks: where does Latin America stand?. *Applied Economics* 47:37, 3938-3956. [[Crossref](#)]
412. Catherine Sherrin, Patrick McAllister, Anupam Nanda. 2015. The persistence of distance. *Journal of Financial Management of Property and Construction* 20:2, 147-169. [[Crossref](#)]
413. Jeffrey H. Bergstrand, Mario Larch, Yoto V. Yotov. 2015. Economic integration agreements, border effects, and distance elasticities in the gravity equation. *European Economic Review* 78, 307-327. [[Crossref](#)]
414. Emmanuelle Lavallée, Julie Lochard. 2015. The comparative effects of independence on trade. *Journal of Comparative Economics* 43:3, 613-632. [[Crossref](#)]
415. Alfredo Burlando, Anca D. Cristea, Logan M. Lee. 2015. The Trade Consequences of Maritime Insecurity: Evidence from Somali Piracy. *Review of International Economics* 23:3, 525-557. [[Crossref](#)]
416. Innwon Park, Soonchan Park. 2015. Modes of Foreign Direct Investment and Patterns of Trade: An Alternative Empirical Approach. *The World Economy* 38:8, 1225-1245. [[Crossref](#)]
417. Dave Donaldson. 2015. The Gains from Market Integration. *Annual Review of Economics* 7:1, 619-647. [[Crossref](#)]
418. Rafael Cezar. 2015. The gravity of financial development. *The Journal of International Trade & Economic Development* 24:5, 696-723. [[Crossref](#)]

419. Zaki Mehchy, Rabie Nasser, Marc Schiffbauer. 2015. Trade determinants and potential of Syria: using a gravity model 'with an estimation of the Syrian crisis' impact on exports'. *Middle East Development Journal* 7:2, 226-251. [[Crossref](#)]
420. Nuria Gallego, Carlos Llano, Tamara De La Mata, Jorge DÍaz-Lanchas. 2015. Intranational Home Bias in the Presence of Wholesalers, Hub-spoke Structures and Multimodal Transport Deliveries. *Spatial Economic Analysis* 10:3, 369-399. [[Crossref](#)]
421. Jože Damijan, Črt Kostevc, Matija Rojec. 2015. Bright past, shady future? Past and potential future export performance of CEE countries in a comparative perspective. *Post-Communist Economies* 27:3, 306-335. [[Crossref](#)]
422. Trevor Tombe. 2015. The Missing Food Problem: Trade, Agriculture, and International Productivity Differences. *American Economic Journal: Macroeconomics* 7:3, 226-258. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
423. Wilfried Koch, James P. LeSage. 2015. Latent Multilateral Trade Resistance Indices: Theory and Evidence. *Scottish Journal of Political Economy* 62:3, 264-290. [[Crossref](#)]
424. Volodymyr Lugovskyy, Alexandre Skiba. 2015. How geography affects quality. *Journal of Development Economics* 115, 156-180. [[Crossref](#)]
425. Titus O. Awokuse, Weishi Grace Gu. 2015. DOES FOREIGN INTELLECTUAL PROPERTY RIGHTS PROTECTION AFFECT US EXPORTS AND FDI?. *Bulletin of Economic Research* 67:3, 256-264. [[Crossref](#)]
426. Jordi Paniagua, Erik Figueiredo, Juan Sapena. 2015. Quantile regression for the FDI gravity equation. *Journal of Business Research* 68:7, 1512-1518. [[Crossref](#)]
427. A. Kerem Coşar, Paul L. E. Grieco, Felix Tintelnot. 2015. Borders, Geography, and Oligopoly: Evidence from the Wind Turbine Industry. *Review of Economics and Statistics* 97:3, 623-637. [[Crossref](#)]
428. Joëlle Noailly, Roger Smeets. 2015. Directing technical change from fossil-fuel to renewable energy innovation: An application using firm-level patent data. *Journal of Environmental Economics and Management* 72, 15-37. [[Crossref](#)]
429. Hirokazu Ishise, Miwa Matsuo. 2015. TRADE IN POLARIZED AMERICA: THE BORDER EFFECT BETWEEN RED STATES AND BLUE STATES. *Economic Inquiry* 53:3, 1647-1670. [[Crossref](#)]
430. Gabriel Felbermayr, Benedikt Heid, Mario Larch, Erdal Yalcin. 2015. Macroeconomic potentials of transatlantic free trade: a high resolution perspective for Europe and the world. *Economic Policy* 30:83, 491-537. [[Crossref](#)]
431. Giuseppe De Arcangelis, Edoardo Di Porto, Gianluca Santoni. 2015. Migration, labor tasks and production structure. *Regional Science and Urban Economics* 53, 156-169. [[Crossref](#)]
432. Yu Sheng, Yanrui Wu, Xunpeng Shi, Dandan Zhang. 2015. Energy trade efficiency and its determinants: A Malmquist index approach. *Energy Economics* 50, 306-314. [[Crossref](#)]
433. Cecília Hornok, Miklós Koren. 2015. Administrative barriers to trade. *Journal of International Economics* 96, S110-S122. [[Crossref](#)]
434. Bassem Kahouli, Samir Maktouf. 2015. The determinants of FDI and the impact of the economic crisis on the implementation of RTAs: A static and dynamic gravity model. *International Business Review* 24:3, 518-529. [[Crossref](#)]
435. Diego Hernandez, Alexandra Rudolph. 2015. Modern day slavery: What drives human trafficking in Europe?. *European Journal of Political Economy* 38, 118-139. [[Crossref](#)]
436. Sebastian Benz, Erdal Yalcin. 2015. Productivity Versus Employment: Quantifying the Economic Effects of an EU-Japan Free Trade Agreement. *The World Economy* 38:6, 935-961. [[Crossref](#)]

437. Kang Kichun. 2015. Does the Korea–Chile Free Trade Agreement (FTA) Increase the Korean Exports to Latin American Countries?. *The Journal of International Trade & Commerce* 11:3, 49-57. [[Crossref](#)]
438. Stefania Paladini, Joseph Yu-Shek Cheng. 2015. The ASEAN–China Free Trade Area — A Success or a Failure? A Preliminary Evaluation Based on Econometric Evidence. *Journal of Comparative Asian Development* 14:2, 171-199. [[Crossref](#)]
439. Thorvaldur Gylfason, Inmaculada Martínez-Zarzoso, Per Magnus Wijkman. 2015. Can free trade help convert the ‘Arab Spring’ into permanent peace and democracy?. *Defence and Peace Economics* 26:3, 247-270. [[Crossref](#)]
440. Xiaohuan Lan, Ben G. Li. 2015. The Economics of Nationalism. *American Economic Journal: Economic Policy* 7:2, 294-325. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
441. Hirokazu Ishise, Miwa Matsuo. 2015. US–Canada border effect between 1993 and 2007: smaller, less asymmetrical, and declining. *Review of World Economics* 151:2, 291-308. [[Crossref](#)]
442. Juyoung Cheong, Do Won Kwak, Kam Ki Tang. 2015. Can Trade Agreements Curtail Trade Creation and Prevent Trade Diversion?. *Review of International Economics* 23:2, 221-238. [[Crossref](#)]
443. Steven Poelhekke. 2015. Do global banks facilitate foreign direct investment?. *European Economic Review* 76, 25-46. [[Crossref](#)]
444. R Bustos-Guajardo, Cristian F Moukarzel. 2015. World distribution of gross domestic product per capita. *Journal of Statistical Mechanics: Theory and Experiment* 2015:5, P05023. [[Crossref](#)]
445. Andreas Lendle, Pierre-Louis Vézina. 2015. Internet Technology and the Extensive Margin of Trade: Evidence from eBay in Emerging Economies. *Review of Development Economics* 19:2, 375-386. [[Crossref](#)]
446. Rosane Nunes de Faria, Christine Wieck. 2015. Empirical evidence on the trade impact of asynchronous regulatory approval of new GMO events. *Food Policy* 53, 22-32. [[Crossref](#)]
447. Andrea Fracasso, Giuseppe Vittucci Marzetti. 2015. International trade and R&D spillovers. *Journal of International Economics* 96:1, 138-149. [[Crossref](#)]
448. Dan Liu, Christopher M. Meissner. 2015. Market potential and the rise of US productivity leadership. *Journal of International Economics* 96:1, 72-87. [[Crossref](#)]
449. Andreas Lendle, Marcelo Olarreaga, Simon Schropp, Pierre-Louis Vézina. 2015. There goes gravity: eBay and the death of distance. *The Economic Journal* n/a-n/a. [[Crossref](#)]
450. Laura Hering, Rodrigo Paillacar. 2015. Does Access to Foreign Markets Shape Internal Migration? Evidence from Brazil. *The World Bank Economic Review* lhv028. [[Crossref](#)]
451. Rishav Bista. 2015. Reconciling the WTO Effects on Trade at the Extensive and Intensive Margins. *International Economic Journal* 29:2, 231-257. [[Crossref](#)]
452. Marie Poprawe. 2015. On the relationship between corruption and migration: empirical evidence from a gravity model of migration. *Public Choice* . [[Crossref](#)]
453. Christopher G. Davis, Fawzi A. Taha. 2015. The impact of exchange rate risk on Africa's imports of world poultry. *Agrekon* 54:2, 38-50. [[Crossref](#)]
454. Maureen B. M. Lankhuizen, Thomas De Graaff, Henri L. F. de Groot. 2015. Product Heterogeneity, Intangible Barriers and Distance Decay: The Effect of Multiple Dimensions of Distance on Trade across Different Product Categories. *Spatial Economic Analysis* 10:2, 137-159. [[Crossref](#)]
455. Michel Beine, Christopher Parsons. 2015. Climatic Factors as Determinants of International Migration. *The Scandinavian Journal of Economics* 117:2, 723-767. [[Crossref](#)]
456. Salvador Gil-Pareja, Rafael Llorca-Vivero, José Antonio Martínez-Serrano. 2015. The Uneven Impact of Continental Boundaries on Trade. *Open Economies Review* 26:2, 237-257. [[Crossref](#)]

457. Justin Caron, Sebastian Rausch, Niven Winchester. 2015. Leakage from sub-national climate policy: The case of California's cap and trade program. *The Energy Journal* 36:2. . [[Crossref](#)]
458. Guglielmo Maria Caporale, Anamaria Sova, Robert Sova. 2015. Trade flows and trade specialisation: The case of China. *China Economic Review* . [[Crossref](#)]
459. Sungkuk KIM, ###. 2015. International Trade Networks of Arms using Social Network Analysis. *The Journal of International Trade & Commerce* 11:2, 599-613. [[Crossref](#)]
460. Anne Boring. 2015. The impact of patent protection on US pharmaceutical exports to developing countries. *Applied Economics* 47:13, 1314-1330. [[Crossref](#)]
461. Javad Abedini. 2015. Iceberg Trade Cost Measures: An Application to the OECD Area over 1988–2010. *The International Trade Journal* 29:2, 115-141. [[Crossref](#)]
462. Heli Arminen, Maija Hujala, Anni Tuppuru. 2015. Emerging market patterns in the recycled paper trade. *Journal of Environmental Planning and Management* 58:3, 537-553. [[Crossref](#)]
463. Simone Bertoli, Jesús Fernández-Huertas Moraga. 2015. The size of the cliff at the border. *Regional Science and Urban Economics* 51, 1-6. [[Crossref](#)]
464. Bianka Dettmer. 2015. Trade Effects of the European Union's Service Directive: Contrasting ex ante Estimates with Empirical Evidence. *The World Economy* 38:3, 445-478. [[Crossref](#)]
465. Antoine Gervais. 2015. Trade and growth: A gravity approach. *Southern Economic Journal* n/a-n/a. [[Crossref](#)]
466. Oumama Bouabdi. 2015. The Spatial Dimension of FDI in the MENA Countries. *Applied Economics Quarterly* 61:1, 93-113. [[Crossref](#)]
467. Gianluca Cafiso. 2015. Sectoral trade freeness and agglomeration in the EU: an empirical test approach. *Empirical Economics* 48:2, 779-805. [[Crossref](#)]
468. Margaret C. Levenstein, Jagadeesh Sivadasan, Valerie Y. Suslow. 2015. The effect of competition on trade: Evidence from the collapse of international cartels. *International Journal of Industrial Organization* 39, 56-70. [[Crossref](#)]
469. Fabien Candau, Elisa Dienesch. 2015. Spatial distribution of skills and regional trade integration. *The Annals of Regional Science* 54:2, 451-488. [[Crossref](#)]
470. James P. LeSage, Christine Thomas-Agnan. 2015. INTERPRETING SPATIAL ECONOMETRIC ORIGIN-DESTINATION FLOW MODELS. *Journal of Regional Science* 55:2, 188-208. [[Crossref](#)]
471. JOHAN KOSKINEN, ALBERTO CAIMO, ALESSANDRO LOMI. 2015. Simultaneous modeling of initial conditions and time heterogeneity in dynamic networks: An application to Foreign Direct Investments. *Network Science* 3:01, 58-77. [[Crossref](#)]
472. Dibyendu Maiti, Sugata Marjit. 2015. Regional Openness, Income Growth and Disparity during 1980–2009. *South Asia Economic Journal* 16:1, 145-166. [[Crossref](#)]
473. ###. 2015. ##### ### ### ## ## #: ## ## ##. *International Commerce and Information Review* 17:1, 217-240. [[Crossref](#)]
474. Tristan Kohl, Sofia Trojanowska. 2015. Heterogeneous trade agreements, WTO membership and international trade: an analysis using matching econometrics. *Applied Economics* 1-11. [[Crossref](#)]
475. Qi He, Hong Fang, Miao Wang, Bo Peng. 2015. Trade liberalization and trade performance of environmental goods: evidence from Asia-Pacific economic cooperation members. *Applied Economics* 1-19. [[Crossref](#)]
476. Clément Bosquet, Hervé Boulhol. 2015. What is really puzzling about the “distance puzzle”. *Review of World Economics* 151:1, 1-21. [[Crossref](#)]
477. Juyoung Cheong, Do Won Kwak, Kam Ki Tang. 2015. Heterogeneous Effects of Preferential Trade Agreements: How does Partner Similarity Matter?. *World Development* 66, 222-236. [[Crossref](#)]

478. Isabel Proença, Stefan Sperlich, Duygu Savaşçı. 2015. Semi-mixed effects gravity models for bilateral trade. *Empirical Economics* 48:1, 361-387. [[Crossref](#)]
479. Felix Groba, Jing Cao. 2015. Chinese Renewable Energy Technology Exports: The Role of Policy, Innovation and Markets. *Environmental and Resource Economics* 60:2, 243-283. [[Crossref](#)]
480. Johan Fourie, Jaume Rosselló, Maria Santana-Gallego. 2015. Religion, Religious Diversity and Tourism. *Kyklos* 68:1, 51-64. [[Crossref](#)]
481. Valeria Costantini, Francesco Crespi. 2015. European enlargement policy, technological capabilities and sectoral export dynamics. *The Journal of Technology Transfer* 40:1, 25-69. [[Crossref](#)]
482. J. M. C. Santos Silva, Silvana Tenreyro. 2015. Trading Partners and Trading Volumes: Implementing the Helpman-Melitz-Rubinstein Model Empirically. *Oxford Bulletin of Economics and Statistics* 77:1, 93-105. [[Crossref](#)]
483. Füsün Ülengin, Bora Çekyay, Peral Toktaş Palut, Burç Ülengin, Özgür Kabak, Özay Özaydın, Şule Önsel Ekici. 2015. Effects of quotas on Turkish foreign trade: A gravity model. *Transport Policy* 38, 1-7. [[Crossref](#)]
484. Francisco J. Priego, Jaume Rosselló, Maria Santana-Gallego. 2015. The impact of climate change on domestic tourism: a gravity model for Spain. *Regional Environmental Change* 15:2, 291-300. [[Crossref](#)]
485. Sami Bensassi, Laura Márquez-Ramos, Inmaculada Martínez-Zarzoso, Celestino Suárez-Burguet. 2015. Relationship between logistics infrastructure and trade: Evidence from Spanish regional exports. *Transportation Research Part A: Policy and Practice* 72, 47-61. [[Crossref](#)]
486. Lizhi Xu, Shu-Cherng Fang, Kin Keung Lai, Han Qiao, Shouyang Wang. 2015. Transportation System and Trade Flows in Port Cities of China: A Random Coefficient Model. *Journal of Systems Science and Information* 3:4. . [[Crossref](#)]
487. Fredrik Heyman, Patrik Gustavsson Tingvall. 2015. The Dynamics of Offshoring and Institutions. *The B.E. Journal of Economic Analysis & Policy*, ahead of print. [[Crossref](#)]
488. W. Mark Brown, William P. Anderson. 2015. How thick is the border: the relative cost of Canadian domestic and cross-border truck-borne trade, 2004–2009. *Journal of Transport Geography* 42, 10-21. [[Crossref](#)]
489. Edris Seid. Regional Integration and Trade in Sub-Saharan Africa, 1993–2010: An Augmented Gravity Model 91-108. [[Crossref](#)]
490. N. Crafts, A. Klein. 2015. Geography and intra-national home bias: U.S. domestic trade in 1949 and 2007. *Journal of Economic Geography* 15:3, 477. [[Crossref](#)]
491. Stephen J. Redding, Matthew A. Turner. Transportation Costs and the Spatial Organization of Economic Activity 1339-1398. [[Crossref](#)]
492. Joanna Bialynicka-Birula. 2015. Modelling International Trade in Art – Modified Gravity Approach. *Procedia Economics and Finance* 30, 91-99. [[Crossref](#)]
493. Eugene Bempong Nyantakyi, Steven Husted, Shuichiro Nishioka. 2015. Trade Frictions and Market Access of Developing Countries: A Product-level Empirical Investigation. *Review of International Economics* 23:5, 924. [[Crossref](#)]
494. Oana Tocoian. 2015. THE HOME MARKET EFFECT IN INTERNATIONAL ARMS TRADE. *Economic Inquiry* 53:4, 1751. [[Crossref](#)]
495. Helena Miloloza. 2015. Distance Factors and Croatian Export Obstacles in the EU15: Cage Approach. *Interdisciplinary Description of Complex Systems* 13:3, 434. [[Crossref](#)]
496. Thomas J. Holmes, Holger Sieg. Structural Estimation in Urban Economics 69-114. [[Crossref](#)]
497. Dieter Smeets. 2015. A free trade agreement between the EU and Japan—what is to be expected?. *Asia Europe Journal* 13:1, 57. [[Crossref](#)]

498. Paolo Sgrignoli, Rodolfo Metulini, Stefano Schiavo, Massimo Riccaboni. 2015. The relation between global migration and trade networks. *Physica A: Statistical Mechanics and its Applications* 417, 245-260. [[Crossref](#)]
499. ## #. 2015. The 830 Chinese Agricultural Products Importation and ECFA. *Business and Globalization* 03:03, 41-55. [[Crossref](#)]
500. Gabriel Felbermayr, Volker Grossmann, Wilhelm Kohler. Migration, International Trade, and Capital Formation 913-1025. [[Crossref](#)]
501. Dominique Bouet. 2015. A study of intellectual property protection policies and innovation in the Indian pharmaceutical industry and beyond. *Technovation* 38, 31. [[Crossref](#)]
502. Robert E.B. Lucas. African Migration 1445-1596. [[Crossref](#)]
503. Lisandra Colley. 2015. Gravity to CARICOM: An Analysis of CARICOM's External Trade Using an Augmented Gravity Model. *Journal of Economics, Business and Management* 3:12. . [[Crossref](#)]
504. Désiré Avom, Mouhamed Mbouandi Njikam. Market Integration in the ECCAS Sub-Region 71-90. [[Crossref](#)]
505. L. Caliendo, F. Parro. 2015. Estimates of the Trade and Welfare Effects of NAFTA. *The Review of Economic Studies* 82:1, 1. [[Crossref](#)]
506. Steven Husted, Shuichiro Nishioka. 2015. Productivity growth and new market entry. *Review of World Economics* 151:4, 687. [[Crossref](#)]
507. Ramesh C. Paudel, Paul J. Burke. 2015. Exchange rate policy and export performance in a landlocked developing country: The case of Nepal. *Journal of Asian Economics* 38, 55. [[Crossref](#)]
508. Luisa Alamá-Sabater, Laura Márquez-Ramos, José Miguel Navarro-Azorín, Celestino Suárez-Burguet. 2015. A two-methodology comparison study of a spatial gravity model in the context of interregional trade flows. *Applied Economics* 47:14, 1481. [[Crossref](#)]
509. Shu Yu, Sjoerd Beugelsdijk, Jakob de Haan. 2015. Trade, trust and the rule of law. *European Journal of Political Economy* 37, 102. [[Crossref](#)]
510. Beate Piniór, Franz J. Conraths, Brigitte Petersen, Thomas Selhorst. 2015. Decision support for risks managers in the case of deliberate food contamination: The dairy industry as an example. *Omega* 53, 41. [[Crossref](#)]
511. Robert Zymek. 2015. Factor proportions and the growth of world trade. *Journal of International Economics* 95:1, 42-53. [[Crossref](#)]
512. Esteban Ferro, Tsunehiro Otsuki, John S. Wilson. 2015. The effect of product standards on agricultural exports. *Food Policy* 50, 68-79. [[Crossref](#)]
513. Alicia Gómez- Tello. 2015. Which commercial partners are important for the most recently admitted EU countries?. *Economics of Transition* 23:1, 247-292. [[Crossref](#)]
514. Peter H. Egger, Andrea Lassmann. 2015. The Causal Impact of Common Native Language on International Trade: Evidence from a Spatial Regression Discontinuity Design. *The Economic Journal* 125:584, 699. [[Crossref](#)]
515. A. Cheptea, C. Emlinger, K. Latouche. 2015. Multinational Retailers and Home Country Food Exports. *American Journal of Agricultural Economics* 97:1, 159-179. [[Crossref](#)]
516. Chahir Zaki. 2015. How Does Trade Facilitation Affect International Trade?. *The European Journal of Development Research* 27:1, 156-185. [[Crossref](#)]
517. Peter Egger, Martin Gassebner. 2015. International terrorism as a trade impediment?. *Oxford Economic Papers* 67:1, 42-62. [[Crossref](#)]
518. Faqin Lin. 2014. Estimating the effect of the Internet on international trade. *The Journal of International Trade & Economic Development* 1-20. [[Crossref](#)]

519. Bassem Kahouli, Samir Maktouf. 2014. Trade creation and diversion effects in the Mediterranean area: Econometric analysis by gravity model. *The Journal of International Trade & Economic Development* 1-29. [[Crossref](#)]
520. C.G. DAVIS. 2014. What impact does exchange rate volatility have on world turkey trade flows?. *World's Poultry Science Journal* 70:04, 775-786. [[Crossref](#)]
521. Gilles Duranton. 2014. Roads and trade in Colombia. *Economics of Transportation* . [[Crossref](#)]
522. Sébastien Miroudot, Ben Shepherd. 2014. The Paradox of 'Preferences': Regional Trade Agreements and Trade Costs in Services. *The World Economy* 37:12, 1751-1772. [[Crossref](#)]
523. Sylvanus Kwaku Afesorgbor, Peter A. G. van Bergeijk. 2014. Measuring Multi-Membership in Economic Integration and Its Trade Impact: A Comparative Study of ECOWAS and SADC. *South African Journal of Economics* 82:4, 518-530. [[Crossref](#)]
524. Glauco De Vita. 2014. The long-run impact of exchange rate regimes on international tourism flows. *Tourism Management* 45, 226-233. [[Crossref](#)]
525. Juan Blyde, Danielken Molina. 2014. Logistics Infrastructure and the International Location of Fragmented Production. *Journal of International Economics* . [[Crossref](#)]
526. Mariusz Karpiarz, Piotr Fronczak, Agata Fronczak. 2014. International Trade Network: Fractal Properties and Globalization Puzzle. *Physical Review Letters* 113:24. . [[Crossref](#)]
527. Raúl Serrano, Vicente Pinilla. 2014. New directions of trade for the agri-food industry: a disaggregated approach for different income countries, 1963–2000. *Latin American Economic Review* 23:1. . [[Crossref](#)]
528. Viroj Jienwatcharamongkhol. 2014. Distance Sensitivity of Export: A Firm-Product Level Approach. *Journal of Industry, Competition and Trade* 14:4, 531-554. [[Crossref](#)]
529. Jan Hanousek, Evžen Kočenda. 2014. Factors of trade in Europe. *Economic Systems* 38:4, 518-535. [[Crossref](#)]
530. Wolfgang Keller, Carol H. Shiue. 2014. Endogenous Formation of Free Trade Agreements: Evidence from the Zollverein's Impact on Market Integration. *The Journal of Economic History* 74:04, 1168-1204. [[Crossref](#)]
531. Francesco Serti, Chiara Tomasi. 2014. Export and import market-specific characteristics. *Empirical Economics* 47:4, 1467-1496. [[Crossref](#)]
532. IN HUH, INKOO LEE. 2014. MEASURING TRADE COSTS FROM RELATIVE PRICES: THE ROLE OF LOCATION AND GOODS CHARACTERISTICS. *The Singapore Economic Review* 59:05, 1450041. [[Crossref](#)]
533. Alex Sander Souza do Carmo, Maurício Vaz Lobo Bittencourt. 2014. O efeito da volatilidade da taxa de câmbio sobre o comércio internacional: uma investigação empírica sob a ótica da margem extensiva. *Estudos Econômicos (São Paulo)* 44:4, 815-845. [[Crossref](#)]
534. Swapan K. Bhattacharya, Gouranga G. Das. 2014. Can South-South Trade Agreements Reduce Development Deficits?. *Journal of South Asian Development* 9:3, 253-285. [[Crossref](#)]
535. Soumyananda Dinda. 2014. Climate Change: An Emerging Trade Opportunity in South Asia. *South Asian Journal of Macroeconomics and Public Finance* 3:2, 221-239. [[Crossref](#)]
536. UTAI UPRASEN. 2014. The Impact of the EU-US FTA on Trade of the New Member States. *The Journal of Contemporary European Studies* 32:4, 115-150. [[Crossref](#)]
537. Andrea Fracasso. 2014. A gravity model of virtual water trade. *Ecological Economics* 108, 215-228. [[Crossref](#)]

538. Kristie Briggs, Walter G. Park. 2014. There will be exports and licensing: The effects of patent rights and innovation on firm sales. *The Journal of International Trade & Economic Development* 23:8, 1112-1144. [[Crossref](#)]
539. Hakan Yilmazkuday. 2014. Mismeasurement of Distance Effects: The Role of Internal Location of Production. *Review of International Economics* 22:5, 992-1015. [[Crossref](#)]
540. Yves Bourdet, Maria Persson. 2014. Expanding and Diversifying South Mediterranean Exports through Trade Facilitation. *Development Policy Review* 32:6, 675-699. [[Crossref](#)]
541. Maroula Khraiche. 2014. Trade, capital adjustment and the migration of talent. *International Review of Economics & Finance* 34, 24-40. [[Crossref](#)]
542. Bruce A. Blonigen, Lionel Fontagné, Nicholas Sly, Farid Toubal. 2014. Cherries for sale: The incidence and timing of cross-border M&A. *Journal of International Economics* 94:2, 341-357. [[Crossref](#)]
543. Kristian Behrens, Giordano Mion, Yasusada Murata, Jens Südekum. 2014. TRADE, WAGES, AND PRODUCTIVITY. *International Economic Review* 55:4, 1305-1348. [[Crossref](#)]
544. Inmaculada Martínez-Zarzoso, Felicitas Nowak-Lehmann, M. D. Parra, Stephan Klasen. 2014. Does Aid Promote Donor Exports? Commercial Interest versus Instrumental Philanthropy. *Kyklos* 67:4, 559-587. [[Crossref](#)]
545. P. Dorian Owen, Niven Winchester. 2014. The impact of US fresh milk production standards on dairy trade. *Journal of Policy Modeling* 36:6, 1008-1021. [[Crossref](#)]
546. Vincenzo Bove, Leandro Elia, Petros G. Sekeris. 2014. US Security Strategy and the Gains from Bilateral Trade. *Review of International Economics* 22:5, 863-885. [[Crossref](#)]
547. Nuria Gallego, Carlos Llano. 2014. The Border Effect and the Nonlinear Relationship between Trade and Distance. *Review of International Economics* 22:5, 1016-1048. [[Crossref](#)]
548. Markus Lampe, Florian Ploeckl. 2014. Spanning the Globe: The Rise of Global Communications Systems and the First Globalisation. *Australian Economic History Review* 54:3, 242-261. [[Crossref](#)]
549. Yao Amber Li. 2014. Borders and distance in knowledge spillovers: Dying over time or dying with age?—Evidence from patent citations. *European Economic Review* 71, 152-172. [[Crossref](#)]
550. Andrea Morescalchi, Fabio Pammolli, Orion Penner, Alexander M. Petersen, Massimo Riccaboni. 2014. The evolution of networks of innovators within and across borders: Evidence from patent data. *Research Policy* . [[Crossref](#)]
551. 2014. Heterogeneity and distance. some propositions on how differences across regions, firms and functions affect the role of distance in fdi location decisions. *ECONOMIA E POLITICA INDUSTRIALE* :4, 81-104. [[Crossref](#)]
552. Aljaž Kunčič, Andreja Jaklič. FDI and Institutions: Formal and Informal Institutions 171-205. [[Crossref](#)]
553. Daniel Saslavsky, Ben Shepherd. 2014. Facilitating international production networks: The role of trade logistics. *The Journal of International Trade & Economic Development* 23:7, 979-999. [[Crossref](#)]
554. Clément Bosquet, Hervé Boulhol. 2014. Applying the GLM Variance Assumption to Overcome the Scale-Dependence of the Negative Binomial QGPML Estimator. *Econometric Reviews* 33:7, 772-784. [[Crossref](#)]
555. Moonhawk Kim, Amy H. Liu, Kim-Lee Tuxhorn, David S. Brown, David Leblang. 2014. Lingua Mercatoria: Language and Foreign Direct Investment. *International Studies Quarterly* n/a-n/a. [[Crossref](#)]
556. Dimitri Bellas, Vincent Vicard. 2014. French Firms' Exports During Downturns: Evidence from Past Crises. *The World Economy* 37:10, 1410-1423. [[Crossref](#)]

557. Dimitrios Natos, Konstadinos Mattas, Efthimia Tsakiridou. 2014. Assessing the effect of the remote geographical position of Cyprus on its agricultural exports. *Operational Research* 14:3, 453-470. [[Crossref](#)]
558. Nadia Campaniello. 2014. The causal effect of trade on migration: Evidence from countries of the Euro-Mediterranean partnership. *Labour Economics* 30, 223-233. [[Crossref](#)]
559. Hrushikesh Mallick. 2014. Role of technological infrastructures in exports: evidence from a cross-country analysis. *International Review of Applied Economics* 28:5, 669-694. [[Crossref](#)]
560. Philipp Hühne, Birgit Meyer, Peter Nunnenkamp. 2014. Who Benefits from Aid for Trade? Comparing the Effects on Recipient versus Donor Exports. *The Journal of Development Studies* 50:9, 1275-1288. [[Crossref](#)]
561. Sami Bensassi, Inmaculada Martinez-Zarzoso, Celestino Suárez. 2014. The effect of maritime transport costs on the extensive and intensive margins: Evidence from the Europe-Asia trade. *Maritime Economics & Logistics* 16:3, 276-297. [[Crossref](#)]
562. Ruhul Salim, Nasser Al Mawali, Amirul Islam. 2014. Do the Intellectual Property Rights of Importers Matter for Promoting Australian Exports?. *Australian Economic Review* 47:3, 279-289. [[Crossref](#)]
563. Kazunobu Hayakawa. 2014. Bilateral tariff rates in international trade: finished goods versus intermediate goods. *International Economics and Economic Policy* 11:3, 353-370. [[Crossref](#)]
564. Estrella Gomez-Herrera, Bertin Martens, Geomina Turlea. 2014. The drivers and impediments for cross-border e-commerce in the EU. *Information Economics and Policy* 28, 83-96. [[Crossref](#)]
565. Tom Broekel, Pierre-Alexandre Balland, Martijn Burger, Frank van Oort. 2014. Modeling knowledge networks in economic geography: a discussion of four methods. *The Annals of Regional Science* 53:2, 423-452. [[Crossref](#)]
566. Clive Morley, Jaume Rosselló, Maria Santana-Gallego. 2014. Gravity models for tourism demand: theory and use. *Annals of Tourism Research* 48, 1-10. [[Crossref](#)]
567. Ioannis K. Dassios, Grigoris Kalogeropoulos. 2014. On the stability of equilibrium for a reformulated foreign trade model of three countries. *Journal of Industrial Engineering International* 10:3. . [[Crossref](#)]
568. Shuhei Nishitaten. 2014. Network Effects on Trade in Intermediate Goods: Evidence from the Automobile Industry. *Japanese Economic Review* n/a-n/a. [[Crossref](#)]
569. Omer Bayar, Georg Schaur. 2014. The Impact of Visibility on Trade: Evidence from the World Cup. *Review of International Economics* 22:4, 759-782. [[Crossref](#)]
570. Lauren A. Johnston, Stephen L. Morgan, Yuesheng Wang. 2014. The Gravity of China's African Export Promise. *The World Economy* n/a-n/a. [[Crossref](#)]
571. Kazunobu Hayakawa, Hyun-Hoon Lee, Donghyun Park. 2014. Do Export Promotion Agencies Increase Exports?. *The Developing Economies* 52:3, 241-261. [[Crossref](#)]
572. Lee, Hyun-Hoon, Hur, Jung. 2014. APEC's Bogor Goals and Trade Creation Effect within APEC. *KUKJE KYUNGJE YONGU* 20:3, 1-24. [[Crossref](#)]
573. Štefan Bojnec, Imre Fertő, József Fogarasi. 2014. Quality of institutions and the BRIC countries agro-food exports. *China Agricultural Economic Review* 6:3, 379-394. [[Crossref](#)]
574. Luisa Martí, Rosa Puertas, Leandro García. 2014. The importance of the Logistics Performance Index in international trade. *Applied Economics* 46:24, 2982-2992. [[Crossref](#)]
575. Bo Xiong, Sixia Chen. 2014. Estimating gravity equation models in the presence of sample selection and heteroscedasticity. *Applied Economics* 46:24, 2993-3003. [[Crossref](#)]
576. Niru Yadav. 2014. Impact of Trade Facilitation on Parts and Components Trade. *The International Trade Journal* 28:4, 287-310. [[Crossref](#)]

577. Tanja Engelbert, Beyhan Bektasoglu, Martina Brockmeier. 2014. Moving toward the EU or the Middle East? An assessment of alternative Turkish foreign policies utilizing the GTAP framework. *Food Policy* 47, 46-61. [[Crossref](#)]
578. Fabien Candau, Serge Rey. 2014. The effect of the euro on aeronautic trade: A French regional analysis. *Economic Modelling* 41, 345-355. [[Crossref](#)]
579. James E. Anderson, Catherine A. Milot, Yoto V. Yotov. 2014. HOW MUCH DOES GEOGRAPHY DEFLECT SERVICES TRADE? CANADIAN ANSWERS. *International Economic Review* 55:3, 791-818. [[Crossref](#)]
580. Inkoo Lee. 2014. Productivity and consumption home bias with goods market frictions. *Economic Modelling* 41, 316-318. [[Crossref](#)]
581. Rosa Puertas, Luisa Martí, Leandro García. 2014. Logistics performance and export competitiveness: European experience. *Empirica* 41:3, 467-480. [[Crossref](#)]
582. Jayjit Roy. 2014. On the robustness of the trade-inducing effects of trade agreements and currency unions. *Empirical Economics* 47:1, 253-304. [[Crossref](#)]
583. Li-juan Yang. Technical standards and electronics export: Evidence from China 800-814. [[Crossref](#)]
584. Justin Caron, Thibault Fally, James R. Markusen. 2014. International Trade Puzzles: A Solution Linking Production and Preferences *. *The Quarterly Journal of Economics* 129:3, 1501-1552. [[Crossref](#)]
585. Treb Allen, Costas Arkolakis. 2014. Trade and the Topography of the Spatial Economy *. *The Quarterly Journal of Economics* 129:3, 1085-1140. [[Crossref](#)]
586. Yu Sheng, Hsiao Chink Tang, Xinpeng Xu. 2014. The impact of the ACFTA on ASEAN-PRC trade: estimates based on an extended gravity model for component trade. *Applied Economics* 46:19, 2251-2263. [[Crossref](#)]
587. Laura Márquez-Ramos, Inmaculada Martínez-Zarzoso. 2014. Trade in intermediate goods and Euro-Med production networks. *Middle East Development Journal* 6:2, 215-231. [[Crossref](#)]
588. F. Rauch. 2014. Cities as spatial clusters. *Journal of Economic Geography* 14:4, 759-773. [[Crossref](#)]
589. Seda Meyveci Doganay, Selin Sayek, Fatma Taskin. 2014. Is environmental efficiency trade inducing or trade hindering?. *Energy Economics* 44, 340-349. [[Crossref](#)]
590. Alberto Behar, Benjamin D. Nelson. 2014. Trade Flows, Multilateral Resistance, and Firm Heterogeneity. *Review of Economics and Statistics* 96:3, 538-549. [[Crossref](#)]
591. BO XIONG, JOHN BEGHIN. 2014. DISENTANGLING DEMAND-ENHANCING AND TRADE-COST EFFECTS OF MAXIMUM RESIDUE REGULATIONS. *Economic Inquiry* 52:3, 1190-1203. [[Crossref](#)]
592. Jacques Melitz, Farid Toubal. 2014. Native language, spoken language, translation and trade. *Journal of International Economics* 93:2, 351-363. [[Crossref](#)]
593. Scott L. Baier, Jeffrey H. Bergstrand, Michael Feng. 2014. Economic integration agreements and the margins of international trade. *Journal of International Economics* 93:2, 339-350. [[Crossref](#)]
594. MARCO DUEÑAS, GIORGIO FAGIOLO. 2014. GLOBAL TRADE IMBALANCES: A NETWORK APPROACH. *Advances in Complex Systems* 17:03n04, 1450014. [[Crossref](#)]
595. Tristan Kohl, Aleid E Brouwer. 2014. The Development of Trade Blocs in an Era of Globalisation. *Environment and Planning A* 46:7, 1535-1553. [[Crossref](#)]
596. David S. Jacks. 2014. Defying gravity: The Imperial Economic Conference and the reorientation of Canadian trade. *Explorations in Economic History* 53, 19-39. [[Crossref](#)]

597. Anokye M. Adam, Imran Sharif Chaudhry. 2014. The currency union effect on intra-regional trade in Economic Community of West African States (ECOWAS). *Journal of International Trade Law and Policy* 13:2, 102-122. [[Crossref](#)]
598. Armando J. Garcia Pires. 2014. Beyond Trade Costs: Firms' Endogenous Access to International Markets. *Journal of Industry, Competition and Trade* 14:2, 229-257. [[Crossref](#)]
599. ###, Soonchan Park. 2014. The Impact of Monetary Policy on the Foreign Exchange Rate: An Empirical Evidence from Korea. *KUKJE KYUNGJE YONGU* 20:2, 49-70. [[Crossref](#)]
600. Pierluigi Montalbano, Silvia Nenci. 2014. The Trade Competitiveness of Southern Emerging Economies: A Multidimensional Approach Through Cluster Analysis. *The World Economy* 37:6, 783-810. [[Crossref](#)]
601. G. Philippidis, H. Resano, A.I. Sanjuán. 2014. Shifting Armington trade preferences: A re-examination of the Mercosur–EU negotiations. *Economic Modelling* 40, 21-32. [[Crossref](#)]
602. Shanping Yang, Inmaculada Martinez-Zarzoso. 2014. A panel data analysis of trade creation and trade diversion effects: The case of ASEAN–China Free Trade Area. *China Economic Review* 29, 138-151. [[Crossref](#)]
603. Mariarosaria Agostino, Francesco Trivieri. 2014. Geographical indication and wine exports. An empirical investigation considering the major European producers. *Food Policy* 46, 22-36. [[Crossref](#)]
604. Abdul Abiad, Prachi Mishra, Petia Topalova. 2014. How Does Trade Evolve in the Aftermath of Financial Crises?. *IMF Economic Review* 62:2, 213-247. [[Crossref](#)]
605. Magnus dos Reis, André Filipe Zago de Azevedo, Marcos Tadeu Caputi Lélis. 2014. Os efeitos do novo regionalismo sobre o comércio. *Estudos Econômicos (São Paulo)* 44:2, 351-381. [[Crossref](#)]
606. Teresa Guardia Gálvez, Juan Muro Romero, María Jesús Such Devesa. 2014. Measuring and Analysing Domestic Tourism: The Importance of an Origin and Destination Matrix. *Tourism Economics* 20:3, 451-472. [[Crossref](#)]
607. C P Jomit. 2014. Export Potential of Environmental Goods in India: A Gravity Model Analysis. *Transnational Corporations Review* 6:2, 115-131. [[Crossref](#)]
608. Soumyananda Dinda. 2014. Climate Change and Trade Opportunity in Climate Smart Goods in Asia: Application of Gravity Model. *The International Trade Journal* 28:3, 264-280. [[Crossref](#)]
609. Lars Håkanson. 2014. The role of psychic distance in international trade: a longitudinal analysis. *International Marketing Review* 31:3, 210-236. [[Crossref](#)]
610. Bo Chen. 2014. Trans-Pacific Tariff Barriers: a Case Study of Five Asia—Pacific Developing Countries and Canada. *China Economic Journal* 7:2, 251-260. [[Crossref](#)]
611. Tamara de la Mata. 2014. Does trade creation by social and business networks hold in services?. *Applied Economics* 46:13, 1509-1525. [[Crossref](#)]
612. Bengt Söderlund, Patrik Gustavsson Tingvall. 2014. Dynamic effects of institutions on firm-level exports. *Review of World Economics* 150:2, 277-308. [[Crossref](#)]
613. Kazunobu Hayakawa, Fukunari Kimura, Kaoru Nabeshima. 2014. NONCONVENTIONAL PROVISIONS IN REGIONAL TRADE AGREEMENTS: DO THEY ENHANCE INTERNATIONAL TRADE?. *Journal of Applied Economics* 17:1, 113-137. [[Crossref](#)]
614. Edward Anderson. 2014. Time differences, communication and trade: longitude matters II. *Review of World Economics* 150:2, 337-369. [[Crossref](#)]
615. Geetha Ravishankar, Marie M. Stack. 2014. The Gravity Model and Trade Efficiency: A Stochastic Frontier Analysis of Eastern European Countries' Potential Trade. *The World Economy* 37:5, 690-704. [[Crossref](#)]

616. Nicholas Sheard. 2014. Learning to Export and the Timing of Entry to Export Markets. *Review of International Economics* n/a-n/a. [[Crossref](#)]
617. J.M.C. Santos Silva, Silvana Teneyro, Kehai Wei. 2014. Estimating the extensive margin of trade. *Journal of International Economics* **93**:1, 67-75. [[Crossref](#)]
618. Bo Chen, Yao Li. 2014. Analyzing Bilateral Trade Barriers under Global Trade Context: A Gravity Model Adjusted Trade Intensity Index Approach. *Review of Development Economics* **18**:2, 326-339. [[Crossref](#)]
619. Xiaohua Bao. 2014. How Do Technical Barriers to Trade Affect China's Imports?. *Review of Development Economics* **18**:2, 286-299. [[Crossref](#)]
620. ###. 2014. A Study on Promoting the Intra-Regional Trade in Southeast Asia. *The Southeast Asian Review* **24**:2, 35-79. [[Crossref](#)]
621. Massimiliano Bratti, Luca De Benedictis, Gianluca Santoni. 2014. On the pro-trade effects of immigrants. *Review of World Economics* . [[Crossref](#)]
622. Juyoung Cheong, Do Won Kwak, Kam Ki Tang. 2014. The WTO puzzle, multilateral resistance terms and multicollinearity. *Applied Economics Letters* 1-6. [[Crossref](#)]
623. Nicolas Peridy, Javad Abedini. 2014. Trade Effects of Regional Integration in Imperfect Competition: Evidence from the Greater Arab Free Trade Area (GAFTA). *International Economic Journal* **28**:2, 273-292. [[Crossref](#)]
624. Bianka Dettmer. 2014. International Service Transactions: Is Time a Trade Barrier in a Connected World?. *International Economic Journal* **28**:2, 225-254. [[Crossref](#)]
625. Adil Khan Miankhel, Kaliappa Kalirajan, Shandre M. Thangavelu. 2014. Australia's export potential: an exploratory analysis. *Journal of the Asia Pacific Economy* **19**:2, 230-246. [[Crossref](#)]
626. Mariarosaria Agostino, Francesco Trivieri. 2014. World Bank trade loans and export performance of recipient countries. *Journal of Economic Policy Reform* **17**:2, 99-128. [[Crossref](#)]
627. ###. 2014. ##### ### ### ### ##### ##. *The Journal of International Trade & Commerce* **10**:2, 361-382. [[Crossref](#)]
628. Keisaku Higashida, Shunsuke Managi. 2014. Determinants of trade in recyclable wastes: evidence from commodity-based trade of waste and scrap. *Environment and Development Economics* **19**:02, 250-270. [[Crossref](#)]
629. S. Estrin, M. Uvalic. 2014. FDI into transition economies. *Economics of Transition* **22**:2, 281-312. [[Crossref](#)]
630. Kees van Veen, Padma Rao Sahib, Evelien Aangeenbrug. 2014. Where do international board members come from? Country-level antecedents of international board member selection in European boards. *International Business Review* **23**:2, 407-417. [[Crossref](#)]
631. Elisa Gamberoni, Richard Newfarmer. 2014. Aid for Trade: Do Those Countries that Need it, Get it?. *The World Economy* **37**:4, 542-554. [[Crossref](#)]
632. Mariana Vijil. 2014. Aid for Trade Effectiveness: Complementarities with Economic Integration. *The World Economy* **37**:4, 555-566. [[Crossref](#)]
633. Douglas H. Brooks, Benno Ferrarini. 2014. Vertical gravity. *Journal of Asian Economics* **31**-32, 1-9. [[Crossref](#)]
634. G. Duranton, P. M. Morrow, M. A. Turner. 2014. Roads and Trade: Evidence from the US. *The Review of Economic Studies* **81**:2, 681-724. [[Crossref](#)]
635. Nelly Exbrayat, Benny Geys. 2014. Trade integration and corporate income tax differentials. *International Tax and Public Finance* **21**:2, 298-323. [[Crossref](#)]

636. Bassem Kahouli, Samir Maktouf. 2014. The link between regional integration agreements, trade flows and economic crisis. *International Journal of Development Issues* 13:1, 35-58. [[Crossref](#)]
637. Christian Henn, Brad McDonald. 2014. Crisis Protectionism: The Observed Trade Impact. *IMF Economic Review* 62:1, 77-118. [[Crossref](#)]
638. Park Young Seon. 2014. Trade in Cultural Goods: A Case of the Korean Wave in Asia. *Journal of East Asian Economic Integration* 18:1, 83-107. [[Crossref](#)]
639. Ari Kokko, Patrik Gustavsson Tingvall. 2014. Distance, Transaction Costs, and Preferences in European Trade. *The International Trade Journal* 28:2, 87-120. [[Crossref](#)]
640. P. Montalbano, S. Nenci. 2014. Assessing the trade impact of the European Neighbourhood Policy on the EU-MED Free Trade Area. *Applied Economics* 46:7, 730-740. [[Crossref](#)]
641. Alan V. Deardorff. 2014. Local comparative advantage: Trade costs and the pattern of trade. *International Journal of Economic Theory* 10:1, 9-35. [[Crossref](#)]
642. Francesc Ortega, Giovanni Peri. 2014. Openness and income: The roles of trade and migration. *Journal of International Economics* 92:2, 231-251. [[Crossref](#)]
643. Osman Doğan, Süleyman Taşpınar. 2014. Spatial autoregressive models with unknown heteroskedasticity: A comparison of Bayesian and robust GMM approach. *Regional Science and Urban Economics* 45, 1-21. [[Crossref](#)]
644. Julien Gooris, Carine Peeters. 2014. Home-Host Country Distance in Offshore Governance Choices. *Journal of International Management* 20:1, 73-86. [[Crossref](#)]
645. Mariya Aleksynska, Giovanni Peri. 2014. Isolating the Network Effect of Immigrants on Trade. *The World Economy* 37:3, 434-455. [[Crossref](#)]
646. Elif Nuroğlu, Robert M. Kunst. 2014. Competing specifications of the gravity equation: a three-way model, bilateral interaction effects, or a dynamic gravity model with time-varying country effects?. *Empirical Economics* 46:2, 733-741. [[Crossref](#)]
647. Salvador Gil-Pareja, Rafael Llorca-Vivero, José Antonio Martínez-Serrano. 2014. Do nonreciprocal preferential trade agreements increase beneficiaries' exports?. *Journal of Development Economics* 107, 291-304. [[Crossref](#)]
648. Tristan Kohl. 2014. Do we really know that trade agreements increase trade?. *Review of World Economics* . [[Crossref](#)]
649. Raúl Serrano, Vicente Pinilla. 2014. Changes in the Structure of World Trade in the Agri-Food Industry: The Impact of the Home Market Effect and Regional Liberalization From a Long-Term Perspective, 1963-2010. *Agribusiness* 30:2, 165-183. [[Crossref](#)]
650. Greigiano José Alves, Marília Fernandes Maciel Gomes, Fernanda Maria Almeida, Lílian Valeriano Gonçalves. 2014. Impacto da regulamentação SPS e TBT nas exportações brasileiras de uva no período de 1995 a 2009. *Revista de Economia e Sociologia Rural* 52:1, 41-60. [[Crossref](#)]
651. Fernanda Maria de Almeida, Marília Fernandes Maciel Gomes, Orlando Monteiro da Silva. 2014. Notificações aos acordos TBT e SPS: diferentes objetivos e resultados sobre o comércio internacional de agrialimentos. *Revista de Economia e Sociologia Rural* 52:1, 157-176. [[Crossref](#)]
652. Jaume Rosselló, Maria Santana-Gallego. 2014. Recent trends in international tourist climate preferences: a revised picture for climatic change scenarios. *Climatic Change* . [[Crossref](#)]
653. Felix Groba. 2014. Determinants of trade with solar energy technology components: evidence on the porter hypothesis?. *Applied Economics* 46:5, 503-526. [[Crossref](#)]
654. Timothy P. Hubbard. 2014. Trade and transboundary pollution: quantifying the effects of trade liberalization on CO 2 emissions. *Applied Economics* 46:5, 483-502. [[Crossref](#)]

655. STIJN CLAESSENS, NEELTJE VAN HOREN. 2014. Location Decisions of Foreign Banks and Competitor Remoteness. *Journal of Money, Credit and Banking* 46:1, 145-170. [[Crossref](#)]
656. Evgeniya Yushkova. 2014. Impact of ICT on trade in different technology groups: analysis and implications. *International Economics and Economic Policy* 11:1-2, 165-177. [[Crossref](#)]
657. Neil Foster. 2014. Intellectual property rights and the margins of international trade. *The Journal of International Trade & Economic Development* 23:1, 1-30. [[Crossref](#)]
658. ALLISON CARNEGIE. 2014. States Held Hostage: Political Hold-Up Problems and the Effects of International Institutions. *American Political Science Review* 108:01, 54-70. [[Crossref](#)]
659. William F. Fox, LeAnn Luna, Georg Schaur. 2014. Destination taxation and evasion: Evidence from U.S. inter-state commodity flows. *Journal of Accounting and Economics* 57:1, 43-57. [[Crossref](#)]
660. Joseph Francois, Miriam Manchin. 2014. Protection and Performance. *The World Economy* n/a-n/a. [[Crossref](#)]
661. Yong Yang, Sushanta Mallick. 2014. Explaining cross-country differences in exporting performance: The role of country-level macroeconomic environment. *International Business Review* 23:1, 246-259. [[Crossref](#)]
662. Scott L. Baier, Jeffrey H. Bergstrand, Ronald Mariutto. 2014. Economic Determinants of Free Trade Agreements Revisited: Distinguishing Sources of Interdependence. *Review of International Economics* 22:1, 31-58. [[Crossref](#)]
663. Erik van der Marel, Iana Dreyer. 2014. Beyond Dutch disease. *Economics of Transition* n/a-n/a. [[Crossref](#)]
664. Dingqiang Sun, Jikun Huang, Jun Yang. 2014. Do China's food safety standards affect agricultural trade? The case of dairy products. *China Agricultural Economic Review* 6:1, 21-37. [[Crossref](#)]
665. Arnaud Costinot, Andrés Rodríguez-Clare. Trade Theory with Numbers: Quantifying the Consequences of Globalization 197-261. [[Crossref](#)]
666. Roberto Duran-Fernandez, Georgina Santos. 2014. A regional model of road accessibility in Mexico: Accessibility surfaces and robustness analysis. *Research in Transportation Economics* 46, 55. [[Crossref](#)]
667. Marc J. Melitz, Stephen J. Redding. Heterogeneous Firms and Trade 1-54. [[Crossref](#)]
668. Alexander Culiuc. 2014. Determinants of International Tourism. *IMF Working Papers* 14:82, 1. [[Crossref](#)]
669. Zakaria Sorgho, Bruno Larue. 2014. Geographical indication regulation and intra-trade in the European Union. *Agricultural Economics* 45:S1, 1. [[Crossref](#)]
670. Yahua Zhang, Christopher Findlay. 2014. Air transport policy and its impacts on passenger traffic and tourist flows. *Journal of Air Transport Management* 34, 42-48. [[Crossref](#)]
671. Palitha Konara, Yingqi Wei. The Role of Language in Bilateral FDI: A Forgotten Factor? 212-227. [[Crossref](#)]
672. Agus Nugroho. 2014. The Impact of Food Safety Standard on Indonesia's Coffee Exports. *Procedia Environmental Sciences* 20, 425-433. [[Crossref](#)]
673. Faqin Lin, Bing Li, Nicholas C. S. Sim. 2014. Trade openness and government size of small developing countries. *Economics of Transition* 22:4, 783. [[Crossref](#)]
674. Talles Girardi de Mendonça, Viviani Silva Lirio, Marcelo José Braga, Orlando Monteiro da Silva. 2014. Institutions and Bilateral Agricultural Trade. *Procedia Economics and Finance* 14, 164-172. [[Crossref](#)]
675. Roberto Duran-Fernandez, Georgina Santos. 2014. Gravity, distance, and traffic flows in Mexico. *Research in Transportation Economics* 46, 30. [[Crossref](#)]
676. Devesh Roy, Abdul Munasib, Xing Chen. 2014. Social trust and international trade: the interplay between social trust and formal finance. *Review of World Economics* 150:4, 693. [[Crossref](#)]

677. Adel Bino, Diana Abu Ghunmi, Ibrahim Qteishat. 2014. Trade, Export Capacity, and World Trade Organization Membership: Evidence from Jordan. *Emerging Markets Finance and Trade* 50:s1, 51-67. [[Crossref](#)]
678. Javier Reyes, Rossitza Wooster, Stuart Shirrell. 2014. Regional Trade Agreements and the Pattern of Trade: A Networks Approach. *The World Economy* n/a-n/a. [[Crossref](#)]
679. Keith Head, Thierry Mayer. Gravity Equations: Workhorse, Toolkit, and Cookbook 131-195. [[Crossref](#)]
680. Alberto Behar, Jaime Espinosa-Bowen. 2014. Export Spillovers from Global Shocks for the Middle East and Central Asia. *IMF Working Papers* 14:80, 1. [[Crossref](#)]
681. M. Riccaboni, S. Schiavo. 2014. Stochastic trade networks. *Journal of Complex Networks* 2:4, 537. [[Crossref](#)]
682. Evelyn Shyamala Devadason, Ahmad Zubaidi Baharumshah, Thirunaukarasu Subramaniam. 2014. Leveraging trade opportunities with non-traditional partners: the Malaysia-GCC perspective. *The Pacific Review* 27:1, 97-122. [[Crossref](#)]
683. Ari Kokko, Bengt Söderlund, Patrik Gustavsson Tingvall. 2014. Redirecting International Trade: Contracts, Conflicts, and Institutions. *Jahrbücher für Nationalökonomie und Statistik* 234:6. . [[Crossref](#)]
684. Eliza Olivia Lungu, Ana Maria Zamfir, Cristina Mocanu, Speranța Pîrciog. 2014. Gravitational Model of the Occupational Mobility of the Higher Education Graduates. *Procedia - Social and Behavioral Sciences* 109, 417-421. [[Crossref](#)]
685. Lawrence Edwards, Rhys Jenkins. 2014. The margins of export competition: A new approach to evaluating the impact of China on South African exports to Sub-Saharan Africa. *Journal of Policy Modeling* 36, S132-S150. [[Crossref](#)]
686. Livia Chițu, Barry Eichengreen, Arnaud Mehl. 2014. History, gravity and international finance. *Journal of International Money and Finance* 46, 104. [[Crossref](#)]
687. Utai Uprasen. The Impact of Non-Tariff Barriers in the European Union on China's Exports 141-164. [[Crossref](#)]
688. Paola Giuliano, Antonio Spilimbergo, Giovanni Tonon. 2014. Genetic distance, transportation costs, and trade1. *Journal of Economic Geography* 14:1, 179-198. [[Crossref](#)]
689. Cristian F Moukarzel. 2013. Per-capita GDP and nonequilibrium wealth-concentration in a model for trade. *Journal of Physics: Conference Series* 475, 012011. [[Crossref](#)]
690. Jordi Paniagua, Juan Sapena. 2013. Is FDI doing good? A golden rule for FDI ethics. *Journal of Business Research* . [[Crossref](#)]
691. Paolo Sgrignoli, Rodolfo Metulini, Stefano Schiavo, Massimo Riccaboni. The Relation between Global Migration and Trade Networks 553-560. [[Crossref](#)]
692. Omar S. Dahi, Firat Demir. 2013. Preferential trade agreements and manufactured goods exports: does it matter whom you PTA with?. *Applied Economics* 45:34, 4754-4772. [[Crossref](#)]
693. Udo Broll, Antonio Roldán-Ponce, Jack E. Wahl. 2013. Regional investment under uncertain costs of location. *The Annals of Regional Science* 51:3, 645-657. [[Crossref](#)]
694. Eduardo Cuenca García, Margarita Navarro Pabsdorf, Estrella Gómez Herrera. 2013. The gravity model analysis: an application on MERCOSUR trade flows. *Journal of Economic Policy Reform* 16:4, 336-348. [[Crossref](#)]
695. Chunding Li, John Whalley. 2013. China and the Trans-Pacific Partnership: A Numerical Simulation Assessment of the Effects Involved. *The World Economy* n/a-n/a. [[Crossref](#)]
696. Mian Dai, Yoto V. Yotov, Thomas Zylkin. 2013. On the trade-diversion effects of free trade agreements. *Economics Letters* . [[Crossref](#)]

697. Bassem Kahouli, Samir Maktouf. 2013. Regional Trade Agreements in Mediterranean Area: Econometric Analysis by Static Gravity Model. *Journal of East-West Business* 19:4, 237-259. [[Crossref](#)]
698. Koen Berden, Jeffrey H. Bergstrand, Eva van Etten. 2013. Governance and Globalisation. *The World Economy* n/a-n/a. [[Crossref](#)]
699. Christopher G. Davis, Andrew Muhammad, David Karemera, David Harvey. 2013. The Impact of Exchange Rate Volatility on World Broiler Trade. *Agribusiness* n/a-n/a. [[Crossref](#)]
700. Yonatan Lupu, Vincent A. Traag. 2013. Trading Communities, the Networked Structure of International Relations, and the Kantian Peace. *Journal of Conflict Resolution* 57:6, 1011-1042. [[Crossref](#)]
701. F. Karam, C. Zaki. 2013. On the determinants of trade in services: evidence from the MENA region. *Applied Economics* 45:33, 4662-4676. [[Crossref](#)]
702. Alessandro Barattieri. 2013. Comparative advantage, service trade, and global imbalances. *Journal of International Economics* . [[Crossref](#)]
703. Keith Head, Thierry Mayer. 2013. What separates us? Sources of resistance to globalization. *Canadian Journal of Economics/Revue canadienne d'économique* 46:4, 1196-1231. [[Crossref](#)]
704. Erik van der Marel, Ben Shepherd. 2013. Services Trade, Regulation and Regional Integration: Evidence from Sectoral Data. *The World Economy* 36:11, 1393-1405. [[Crossref](#)]
705. Julie Regolo. 2013. Export diversification: How much does the choice of the trading partner matter?. *Journal of International Economics* 91:2, 329-342. [[Crossref](#)]
706. Jeffrey H. Bergstrand, Peter Egger. 2013. Shouldn't Physical Capital Also Matter for Multinational Enterprise Activity?. *Review of International Economics* 21:5, 945-965. [[Crossref](#)]
707. Fabienne Boudier, Julie Lochard. 2013. How do Cross-Border Mergers and Acquisitions Answer to Deregulation in Services?. *The World Economy* 36:11, 1424-1441. [[Crossref](#)]
708. Jean-Christophe Bureau, Sébastien Jean. 2013. Trade liberalization in the bio-economy: coping with a new landscape. *Agricultural Economics* 44:s1, 173-182. [[Crossref](#)]
709. Dany Bahar, Ricardo Hausmann, Cesar A. Hidalgo. 2013. Neighbors and the evolution of the comparative advantage of nations: Evidence of international knowledge diffusion?. *Journal of International Economics* . [[Crossref](#)]
710. Xuebing Yang. 2013. The relative importance of distance in restricting international trade. *Applied Economics Letters* 20:17, 1548-1552. [[Crossref](#)]
711. Osman Doğan, Süleyman Taşpınar. 2013. GMM estimation of spatial autoregressive models with moving average disturbances. *Regional Science and Urban Economics* 43:6, 903-926. [[Crossref](#)]
712. Amélie Guillin. 2013. Trade in Services and Regional Trade Agreements: Do Negotiations on Services Have to be Specific?. *The World Economy* 36:11, 1406-1423. [[Crossref](#)]
713. Yihong Tang, Yan Zhang, Christopher Findlay. 2013. What Explains China's Rising Trade in Services?. *Chinese Economy* 46:6, 7-31. [[Crossref](#)]
714. Stephanie J. Rickard, Daniel Y. Kono. 2013. Think globally, buy locally: International agreements and government procurement. *The Review of International Organizations* . [[Crossref](#)]
715. Nhung Tran, Anh Nguyen, Norbert L.W. Wilson. 2013. The Differential Effects of Food Safety Regulations on Animal Products Trade: The Case of Crustacean Product Trade. *Agribusiness* n/a-n/a. [[Crossref](#)]
716. Peter Egger, Tobias Seidel. 2013. Corporate taxes and intra-firm trade. *European Economic Review* 63, 225-242. [[Crossref](#)]
717. Helmut Herwartz, Henning Weber. 2013. The role of cross-sectional heterogeneity for magnitude and timing of the euro's trade effect. *Journal of International Money and Finance* 37, 48-74. [[Crossref](#)]

718. Nina Neubecker, Marcel Smolka. 2013. Co-national and cross-national pulls in international migration to Spain. *International Review of Economics & Finance* **28**, 51-61. [[Crossref](#)]
719. Alessandro Nicita. 2013. Exchange rates, international trade and trade policies. *International Economics* **135-136**, 47-61. [[Crossref](#)]
720. MICHAEL W. NICHOLSON. 2013. THE IMPACT OF TAX REGIMES ON INTERNATIONAL TRADE PATTERNS. *Contemporary Economic Policy* **31:4**, 746-761. [[Crossref](#)]
721. Rinaldo Brau, Anna Maria Pinna. 2013. Movements of People for Movements of Goods?. *The World Economy* **36:10**, 1318-1332. [[Crossref](#)]
722. Andrew J. Cassey, Katherine N. Schmeiser. 2013. The agglomeration of exporters by destination. *The Annals of Regional Science* **51:2**, 495-513. [[Crossref](#)]
723. Marc P. Ueber, Michael H. Grote, Rainer Frey. 2013. Same as it ever was? Europe's national borders and the market for corporate control. *Journal of International Money and Finance* . [[Crossref](#)]
724. Ben Shepherd, Norbert L.W. Wilson. 2013. Product standards and developing country agricultural exports: The case of the European Union. *Food Policy* **42**, 1-10. [[Crossref](#)]
725. Benny Geys, Steffen Osterloh. 2013. BORDERS AS BOUNDARIES TO FISCAL POLICY INTERACTIONS? AN EMPIRICAL ANALYSIS OF POLITICIANS' OPINIONS ON RIVALS IN THE COMPETITION FOR FIRMS. *Journal of Regional Science* **53:4**, 583-606. [[Crossref](#)]
726. Andrew M. Brajcich, Daniel L. Friesner, Matthew Q. McPherson. 2013. Key determinants of repatriated earnings by US multinational enterprises. *Multinational Business Review* **21:3**, 269-289. [[Crossref](#)]
727. Anthony Briant, Pierre-Philippe Combes, Miren Lafourcade. 2013. Product Complexity, Quality of Institutions and the Protrade Effect of Immigrants. *The World Economy* n/a-n/a. [[Crossref](#)]
728. Marjan Petreski. 2013. Southeastern European Trade Analysis: A Role for Endogenous CEFTA-2006?. *Emerging Markets Finance and Trade* **49:5**, 26-44. [[Crossref](#)]
729. Andreas Fuchs, Nils-Hendrik Klann. 2013. Paying a visit: The Dalai Lama effect on international trade. *Journal of International Economics* **91:1**, 164-177. [[Crossref](#)]
730. Céline Carrère, Jaime de Melo, John Wilson. 2013. THE DISTANCE PUZZLE AND LOW-INCOME COUNTRIES: AN UPDATE. *Journal of Economic Surveys* **27:4**, 717-742. [[Crossref](#)]
731. Jasjit Singh, Matt Marx. 2013. Geographic Constraints on Knowledge Spillovers: Political Borders vs. Spatial Proximity. *Management Science* **59:9**, 2056-2078. [[Crossref](#)]
732. Tim Schmidt-Eisenlohr. 2013. Towards a theory of trade finance. *Journal of International Economics* **91:1**, 96-112. [[Crossref](#)]
733. Felicitas Nowak-Lehmann, Inmaculada Martínez-Zarzoso, Dierk Herzer, Stephan Klasen, Adriana Cardozo. 2013. Does foreign aid promote recipient exports to donor countries?. *Review of World Economics* **149:3**, 505-535. [[Crossref](#)]
734. Simei Wen, Jing Zheng, Xiaoli Liu. 2013. An analysis on China's agricultural bilateral trade costs? 1995-2007. *China Agricultural Economic Review* **5:3**, 360-372. [[Crossref](#)]
735. Tsunehiro Otsuki, Keiichiro Honda, John S. Wilson. 2013. Trade facilitation in South Asia. *South Asian Journal of Global Business Research* **2:2**, 172-190. [[Crossref](#)]
736. Roberta Piermartini, Linda Rousová. 2013. The Sky Is Not Flat: How Discriminatory Is the Access to International Air Services?. *American Economic Journal: Economic Policy* **5:3**, 287-319. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
737. Maria Persson. 2013. Trade facilitation and the extensive margin. *The Journal of International Trade & Economic Development* **22:5**, 658-693. [[Crossref](#)]

738. Xiaohua Bao, Wei-Chih Chen. 2013. The Impacts of Technical Barriers to Trade on Different Components of International Trade. *Review of Development Economics* 17:3, 447-460. [[Crossref](#)]
739. Mahvash Saeed Qureshi. 2013. Trade and Thy Neighbor's War. *Journal of Development Economics* . [[Crossref](#)]
740. Samuel Rueckert Brazys. 2013. Evidencing donor heterogeneity in Aid for Trade. *Review of International Political Economy* 20:4, 947-978. [[Crossref](#)]
741. Michael Bleaney, Abelardo S. Neaves. 2013. Declining Distance Effects in International Trade: Some Country-Level Evidence. *The World Economy* 36:8, 1029-1040. [[Crossref](#)]
742. Gabriel J. Felbermayr, Erdal Yalcin. 2013. Export Credit Guarantees and Export Performance: An Empirical Analysis for Germany. *The World Economy* 36:8, 967-999. [[Crossref](#)]
743. Joseph A. Clougherty, Michał Grajek. 2013. International standards and international trade: Empirical evidence from ISO 9000 diffusion. *International Journal of Industrial Organization* . [[Crossref](#)]
744. Alamedin Bannaga, Yagoub Gangi, Rafid Abdrazak, Bashar Al-Fakhry. 2013. The effects of good governance on foreign direct investment inflows in Arab countries. *Applied Financial Economics* 23:15, 1239-1247. [[Crossref](#)]
745. Pascal L. Ghazalian. 2013. MERCOSUR enlargement: predicting the effects on trade in primary agricultural commodities. *Economic Change and Restructuring* 46:3, 277-297. [[Crossref](#)]
746. Joras Ferwerda, Mark Kattenberg, Han-Hsin Chang, Brigitte Unger, Loek Groot, Jacob A. Bikker. 2013. Gravity models of trade-based money laundering. *Applied Economics* 45:22, 3170-3182. [[Crossref](#)]
747. Steven Poelhekke, Frederick van der Ploeg. 2013. Do Natural Resources Attract Nonresource FDI?. *Review of Economics and Statistics* 95:3, 1047-1065. [[Crossref](#)]
748. Roberto Patuelli, Maurizio Mussoni, Guido Candela. 2013. The effects of World Heritage Sites on domestic tourism: a spatial interaction model for Italy. *Journal of Geographical Systems* 15:3, 369-402. [[Crossref](#)]
749. Kazuko Kano, Takashi Kano, Kazutaka Takechi. 2013. Exaggerated death of distance: Revisiting distance effects on regional price dispersions. *Journal of International Economics* 90:2, 403-413. [[Crossref](#)]
750. AMÉLIE GUILLIN. 2013. Assessment of tariff equivalents for services considering the zero flows. *World Trade Review* 12:03, 549-575. [[Crossref](#)]
751. E. Peterson, J. Grant, D. Roberts, V. Karov. 2013. Evaluating the Trade Restrictiveness of Phytosanitary Measures on U.S. Fresh Fruit and Vegetable Imports. *American Journal of Agricultural Economics* 95:4, 842-858. [[Crossref](#)]
752. Sangkyom Kim, Innwon Park, Soonchan Park. 2013. Trade-creating regime-wide rules of origin: a quantitative analysis. *Applied Economics Letters* 20:11, 1056-1061. [[Crossref](#)]
753. Dirk Engel, Oliver Heneric. 2013. Localization of knowledge and entrepreneurs' mobility: the case of Germany's biotechnology industry. *Jahrbuch für Regionalwissenschaft* . [[Crossref](#)]
754. Aaditya Mattoo, Arvind Subramanian. China and the World Trading System 103-141. [[Crossref](#)]
755. Zhang Zhiming, Zhang Xin, Cui Riming. 2013. Research on the effects of WTO accession on China's economic growth. *Journal of Chinese Economic and Foreign Trade Studies* 6:2, 70-84. [[Crossref](#)]
756. Gianluca Orefice, Nadia Rocha. 2013. Deep Integration and Production Networks: An Empirical Analysis. *The World Economy* n/a-n/a. [[Crossref](#)]
757. J. H. Bergstrand. 2013. Measuring the Effects of Endogenous Policies on Economic Integration. *CESifo Economic Studies* 59:2, 199-222. [[Crossref](#)]

758. Hyun-Hoon Lee, Donghyun Park, Jing Wang. 2013. Different types of firms, different types of products, and their dynamics: An anatomy of China's imports. *China Economic Review* **25**, 62-77. [[Crossref](#)]
759. Harald Sander,, Stefanie Kleimeier,. 2013. Cross-Border Retail Banking: Exploring the Unknown Financial Globalization in Times of Financial Crises. *Credit and Capital Markets – Kredit und Kapital* **46:2**, 247-274. [[Crossref](#)]
760. Peter H. Egger, Michael Pfaffermayr. 2013. The Pure Effects of European Integration on Intra-EU Core and Periphery Trade. *The World Economy* **36:6**, 701-712. [[Crossref](#)]
761. A. Cheptea. 2013. Border Effects and European Integration. *CESifo Economic Studies* **59:2**, 277-305. [[Crossref](#)]
762. Harald Sander,, Stefanie Kleimeier,. 2013. Cross-Border Retail Banking: Exploring the Unknown Financial Globalization in Times of Financial Crises. *Kredit und Kapital* **46:2**, 247-274. [[Crossref](#)]
763. Lizhi Xu, Shu-Cherng Fang, Xun Zhang. 2013. Transport costs and China's exports: Some empirical evidences. *Journal of Systems Science and Complexity* **26:3**, 365-382. [[Crossref](#)]
764. Johan Fourie, María Santana-Gallego. 2013. Ethnic reunion and cultural affinity. *Tourism Management* **36**, 411-420. [[Crossref](#)]
765. Joseph Francois, Miriam Manchin. 2013. Institutions, Infrastructure, and Trade. *World Development* **46**, 165-175. [[Crossref](#)]
766. Fernando Ferreira, Joel Waldfogel. 2013. Pop Internationalism: Has Half a Century of World Music Trade Displaced Local Culture?. *The Economic Journal* **123:569**, 634-664. [[Crossref](#)]
767. Po-Chin Wu, Shiao-Yen Liu, Sheng-Chieh Pan. 2013. Nonlinear bilateral trade balance-fundamentals nexus: A panel smooth transition regression approach. *International Review of Economics & Finance* **27**, 318-329. [[Crossref](#)]
768. Ernest Miguélez, Rosina Moreno. 2013. Do Labour Mobility and Technological Collaborations Foster Geographical Knowledge Diffusion? The Case of European Regions. *Growth and Change* **44:2**, 321-354. [[Crossref](#)]
769. C. C. Coughlin, D. Novy. 2013. Is the International Border Effect Larger than the Domestic Border Effect? Evidence from US Trade. *CESifo Economic Studies* **59:2**, 249-276. [[Crossref](#)]
770. C. Umana Dajud. 2013. Political Proximity and International Trade. *Economics & Politics* n/a-n/a. [[Crossref](#)]
771. Craig Macphee, Peter Cook, Wanasin Sattayanuwat. 2013. Transportation and The International Trade of Eastern and Southern Africa. *South African Journal of Economics* **81:2**, 225-239. [[Crossref](#)]
772. Robert Vermeulen. 2013. International diversification during the financial crisis: A blessing for equity investors?. *Journal of International Money and Finance* **35**, 104-123. [[Crossref](#)]
773. Katherine N. Schmeiser. 2013. The firm export and FDI choice in the context of gravity. *International Review of Economics & Finance* **27**, 592-596. [[Crossref](#)]
774. Axel Berger, Matthias Busse, Peter Nunnenkamp, Martin Roy. 2013. Do trade and investment agreements lead to more FDI? Accounting for key provisions inside the black box. *International Economics and Economic Policy* **10:2**, 247-275. [[Crossref](#)]
775. Peter H. Egger, Mario Larch. 2013. Time zone differences as trade barriers. *Economics Letters* **119:2**, 172-175. [[Crossref](#)]
776. Seema Sangita. 2013. The Effect of Diasporic Business Networks on International Trade Flows. *Review of International Economics* **21:2**, 266-280. [[Crossref](#)]
777. Ying Fang, Li Qi, Zhongjian Lin. 2013. China's Internal Borders. *Chinese Economy* **46:3**, 41-60. [[Crossref](#)]

778. Leticia Blázquez, Carmen Díaz-Mora, Rosario Gandoy. 2013. Production Networks in the Enlarged European Union. *Eastern European Economics* 51:3, 27-49. [[Crossref](#)]
779. Guadalupe Serrano-Domingo, Francisco Requena-Silvente. 2013. Re-examining the migration–trade link using province data: An application of the generalized propensity score. *Economic Modelling* 32, 247-261. [[Crossref](#)]
780. Arijit Mukherjee. 2013. Endogenous domestic market structure and the effects of a trade cost reduction in a unionised industry. *Economic Modelling* 32, 30-33. [[Crossref](#)]
781. Fernando Parro. 2013. Capital–Skill Complementarity and the Skill Premium in a Quantitative Model of Trade. *American Economic Journal: Macroeconomics* 5:2, 72-117. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
782. Daniel Berger,, William Easterly,, Nathan Nunn,, Shanker Satyanath. 2013. Commercial Imperialism? Political Influence and Trade During the Cold War. *American Economic Review* 103:2, 863-896. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
783. Martin A. Andresen. 2013. A Robust Solution for the Canada–United States Border Puzzle. *The International Trade Journal* 27:2, 142-155. [[Crossref](#)]
784. Faqin Lin, Nicholas C.S. Sim. 2013. Trade, income and the Baltic Dry Index. *European Economic Review* 59, 1-18. [[Crossref](#)]
785. MICHAEL D. WARD, JOHN S. AHLQUIST, ARTURAS ROZENAS. 2013. Gravity's Rainbow: A dynamic latent space model for the world trade network. *Network Science* 1:01, 95-118. [[Crossref](#)]
786. Marco Dueñas, Giorgio Fagiolo. 2013. Modeling the International-Trade Network: a gravity approach. *Journal of Economic Interaction and Coordination* 8:1, 155-178. [[Crossref](#)]
787. Ling Feng, Ching-Yi Lin. 2013. Financial shocks and exports. *International Review of Economics & Finance* 26, 39-55. [[Crossref](#)]
788. Jean-François Arvis, Ben Shepherd. 2013. The Poisson quasi-maximum likelihood estimator: a solution to the ‘adding up’ problem in gravity models. *Applied Economics Letters* 20:6, 515-519. [[Crossref](#)]
789. Hyun-Hoon Lee, Hyeon-Seung Huh, Donghyun Park. 2013. Financial Integration in East Asia: An Empirical Investigation. *The World Economy* 36:4, 396-418. [[Crossref](#)]
790. ###. 2013. A Study on Income Convergence and Divergence during the Enlargement Process of the European Union. *The Journal of Contemporary European Studies* 31:1, 87-117. [[Crossref](#)]
791. La Jung Joo. 2013. Korea’s Tied Aid for Export and Competition with China. *Journal of East Asian Economic Integration* 17:1, 81-100. [[Crossref](#)]
792. Z. U. Haq, K. Meilke, J. Cranfield. 2013. Selection bias in a gravity model of agrifood trade. *European Review of Agricultural Economics* 40:2, 331-360. [[Crossref](#)]
793. Faqin Lin. 2013. Are distance effects really a puzzle?. *Economic Modelling* 31, 684-689. [[Crossref](#)]
794. E. Tani Fukui, Alexander B. Hammer, Lin Z. Jones. 2013. Are U.S. exports influenced by stronger IPR protection measures in recipient markets?. *Business Horizons* 56:2, 179-188. [[Crossref](#)]
795. Carsten Burhop, Nikolaus Wolf. 2013. The German Market for Patents during the “Second Industrialization,” 1884–1913: A Gravity Approach. *Business History Review* 87:01, 69-93. [[Crossref](#)]
796. Kazunobu Hayakawa. 2013. How serious is the omission of bilateral tariff rates in gravity?. *Journal of the Japanese and International Economies* 27, 81-94. [[Crossref](#)]
797. Russell Thomson. 2013. National scientific capacity and R&D offshoring. *Research Policy* 42:2, 517-528. [[Crossref](#)]
798. Karel Janda, Eva Michalikova, Jiri Skuhrovec. 2013. Credit Support for Export: Robust Evidence from the Czech Republic. *The World Economy* n/a-n/a. [[Crossref](#)]

799. Marco Fugazza, Alessandro Nicita. 2013. The direct and relative effects of preferential market access. *Journal of International Economics* **89**:2, 357-368. [[Crossref](#)]
800. Dennis Novy. 2013. International trade without CES: Estimating translog gravity. *Journal of International Economics* **89**:2, 271-282. [[Crossref](#)]
801. Mariya Aleksynska, Olena Havrylchyk. 2013. FDI from the south: The role of institutional distance and natural resources. *European Journal of Political Economy* **29**, 38-53. [[Crossref](#)]
802. Azmat Gani, Nasser Rashid Al Mawali. 2013. Oman's trade and opportunities of integration with the Asian economies. *Economic Modelling* **31**, 766-774. [[Crossref](#)]
803. Rahel Aichele, Gabriel Felbermayr. 2013. Estimating the Effects of Kyoto on Bilateral Trade Flows Using Matching Econometrics. *The World Economy* **36**:3, 303-330. [[Crossref](#)]
804. George Philippidis, Helena Resano-Ezcaray, Ana I. Sanjuán-López. 2013. Capturing zero-trade values in gravity equations of trade: an analysis of protectionism in agro-food sectors. *Agricultural Economics* **44**:2, 141-159. [[Crossref](#)]
805. Peter H. Egger, Christoph Jessberger, Mario Larch. 2013. Impacts of Trade and the Environment on Clustered Multilateral Environmental Agreements. *The World Economy* **36**:3, 331-348. [[Crossref](#)]
806. Francesc Ortega, Giovanni Peri. 2013. The effect of income and immigration policies on international migration. *Migration Studies* **1**:1, 47-74. [[Crossref](#)]
807. Maksim Belenkiy, David Riker. 2013. Modeling the International Tourism Expenditures of Individual Travelers. *Journal of Travel Research* **52**:2, 202-211. [[Crossref](#)]
808. Gabriel Felbermayr, Jasmin Gröschl. 2013. Natural disasters and the effect of trade on income: A new panel IV approach. *European Economic Review* **58**, 18-30. [[Crossref](#)]
809. Volker Nitsch, Nikolaus Wolf. 2013. Tear down this wall: on the persistence of borders in trade. *Canadian Journal of Economics/Revue canadienne d'économique* **46**:1, 154-179. [[Crossref](#)]
810. Emmanuelle Lavallée, Vincent Vicard. 2013. National borders matter ... where one draws the lines too. *Canadian Journal of Economics/Revue canadienne d'économique* **46**:1, 135-153. [[Crossref](#)]
811. W. Travis Selmier, Chang Hoon Oh. 2013. Economic Diplomacy and International Trade: ASEAN's Quest to Value-Claim. *The World Economy* **36**:2, 233-252. [[Crossref](#)]
812. Stefanie Kleimeier, Harald Sander, Sylvia Heuchemer. 2013. Financial crises and cross-border banking: New evidence. *Journal of International Money and Finance* **32**, 884-915. [[Crossref](#)]
813. Yan Zhou, Jiadong Tong, Puyang Sun. 2013. What's special about the extensive and intensive margins in Chinese manufacturing exports?. *Journal of Chinese Economic and Foreign Trade Studies* **6**:1, 19-34. [[Crossref](#)]
814. Cullen F. Goenner. 2013. Mission accomplished: A reply to Reuveny and Keshk. *Conflict Management and Peace Science* **30**:1, 19-23. [[Crossref](#)]
815. Emmanuelle Quillérou, Nolwenn Roudaut, Olivier Guyader. 2013. Managing Fleet Capacity Effectively Under Second-Hand Market Redistribution. *AMBIO* . [[Crossref](#)]
816. Tomáš Jagelka. 2013. Bilateral Trade and the Eurozone: Evidence from New Member Countries. *The World Economy* **36**:1, 48-63. [[Crossref](#)]
817. Juan Alcacer, Paul Ingram. 2013. Spanning the Institutional Abyss: The Intergovernmental Network and the Governance of Foreign Direct Investment 1. *American Journal of Sociology* **118**:4, 1055-1098. [[Crossref](#)]
818. L. Cissokho, J. Haughton, K. Makpayo, A. Seck. 2013. Why Is Agricultural Trade within ECOWAS So High?. *Journal of African Economies* **22**:1, 22-51. [[Crossref](#)]
819. J.M.C. Santos Silva, S. Tenreyro. Currency Unions 451-461. [[Crossref](#)]
820. F. Sá. Bilateral Financial Links 51-65. [[Crossref](#)]

821. Harald Sander, Stefanie Kleimeier, Sylvia Heuchemer. 2013. E(M)U effects in global cross-border banking. *Economics Letters* 118:1, 91-93. [[Crossref](#)]
822. Youssouf Kiendrebeogo. 2013. How Do Banking Crises Affect Bilateral Exports?. *IMF Working Papers* 13:150, i. [[Crossref](#)]
823. Désiré Avom, Dieudonné Mignamissi. 2013. Évaluation et analyse du potentiel commercial dans la Communauté économique et monétaire de l'Afrique centrale (CEMAC). *L'Actualité économique* 89:2, 115. [[Crossref](#)]
824. B. Michael Gilroy, Elmar Lukas, Christian Heimann. 2013. Technologiestandort Deutschland und internationale Wissensspillover / Technology Site Germany and International Knowledge Spillovers. *Jahrbücher für Nationalökonomie und Statistik* 233:5-6. . [[Crossref](#)]
825. Peter Egger, Georg Wamser. 2013. Multiple faces of preferential market access: their causes and consequences. *Economic Policy* 28:73, 143-187. [[Crossref](#)]
826. Russell Hillberry, David Hummels. Trade Elasticity Parameters for a Computable General Equilibrium Model 1213-1269. [[Crossref](#)]
827. Jason H. Grant. 2013. Is the growth of regionalism as significant as the headlines suggest? Lessons from agricultural trade. *Agricultural Economics* 44:1, 93-109. [[Crossref](#)]
828. Edward J. Balistreri, Thomas F. Rutherford. Computing General Equilibrium Theories of Monopolistic Competition and Heterogeneous Firms 1513-1570. [[Crossref](#)]
829. Maximiliano Sosa Andrés, Peter Nunnenkamp, Matthias Busse. 2013. What Drives FDI from Non-traditional Sources? A Comparative Analysis of the Determinants of Bilateral FDI Flows. *Economics: The Open-Access, Open-Assessment E-Journal* 7:2013-1, 1. [[Crossref](#)]
830. GABRIEL FELBERMAYR, JASMIN GRÖSCHL. 2013. WITHIN U.S. TRADE AND THE LONG SHADOW OF THE AMERICAN SECESSION. *Economic Inquiry* no-no. [[Crossref](#)]
831. DENNIS NOVY. 2013. GRAVITY REDUX: MEASURING INTERNATIONAL TRADE COSTS WITH PANEL DATA. *Economic Inquiry* 51:1, 101-121. [[Crossref](#)]
832. SERGE SHIKHER. 2013. DETERMINANTS OF TRADE AND SPECIALIZATION IN THE ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT COUNTRIES. *Economic Inquiry* 51:1, 138-158. [[Crossref](#)]
833. Iza Lejárraga, Ben Shepherd, Frank van Tongeren. 4 Transparency in Nontariff Measures: Effects on Agricultural Trade 99-125. [[Crossref](#)]
834. Nhung Tran, Norbert Wilson, Diane Hite. 5 Choosing the Best Model in the Presence of Zero Trade: A Fish Product Analysis 127-148. [[Crossref](#)]
835. Bruno Henry de Frahan, Nicodème Nimenya. 9 Trade Effects of Private and Public European Food Safety Standards on Horticultural Imports from Kenya 215-243. [[Crossref](#)]
836. Bo Xiong, John C. Beghin. 10 Stringent Maximum Residue Limits, Protectionism, and Competitiveness: The Cases of the US and Canada 245-259. [[Crossref](#)]
837. Knut Blind, Axel Mangelsdorf, John S. Wilson. 12 Mutual Recognition of Accreditation: Does it Matter to Trade? Evidence from the Food, Beverage, and Tobacco Industry 291-310. [[Crossref](#)]
838. Alessandro Antimiani. 2013. Trade performances and technology in the enlarged European Union. *Journal of Economic Studies* 40:3, 355-389. [[Crossref](#)]
839. Sérgio Leusin Jr., André Filipe Zago de Azevedo, Marcos Tadeu Caputi Lélis. 2013. A vocação exportadora do Rio Grande do Sul: uma avaliação por meio do efeito fronteira. *Nova Economia* 23:1, 101-129. [[Crossref](#)]
840. Charles Ackah. 2013. Measuring Trade Costs in Economic Community of West African States (ECOWAS). *Modern Economy* 04:01, 56-65. [[Crossref](#)]

841. José de Sousa. 2012. The currency union effect on trade is decreasing over time. *Economics Letters* 117:3, 917-920. [[Crossref](#)]
842. Lars Håkanson, Douglas Dow. 2012. Markets and Networks in International Trade: On the Role of Distances in Globalization. *Management International Review* 52:6, 761-789. [[Crossref](#)]
843. Aaditya Mattoo, Arvind Subramanian. 2012. China and the World Trading System. *The World Economy* 35:12, 1733-1771. [[Crossref](#)]
844. Guglielmo Maria Caporale, Christophe Rault, Robert Sova, Anamaria Sova. 2012. European free trade agreements and trade balance: Evidence from four new European Union members. *The Journal of International Trade & Economic Development* 21:6, 839-863. [[Crossref](#)]
845. Ludo Peeters. 2012. GRAVITY AND SPATIAL STRUCTURE: THE CASE OF INTERSTATE MIGRATION IN MEXICO*. *Journal of Regional Science* 52:5, 819-856. [[Crossref](#)]
846. Yoto V. Yotov. 2012. A simple solution to the distance puzzle in international trade. *Economics Letters* 117:3, 794-798. [[Crossref](#)]
847. Simone Bertoli, Jesús Fernández-Huertas Moraga. 2012. Multilateral resistance to migration. *Journal of Development Economics* . [[Crossref](#)]
848. Arvin Pirness, M. Rose Olfert, Mark D. Partridge, William Hartley Furtan. 2012. Assessing the Impact of State Trading Enterprises. *International Economic Journal* 26:4, 587-608. [[Crossref](#)]
849. Fabien Candau, Jean-François Hoarau, Serge Rey. 2012. L'impact de la distance et de l'intégration sur le commerce d'une région ultrapériphérique d'Europe: l'île de La Réunion. *The European Journal of Development Research* 24:5, 808-831. [[Crossref](#)]
850. CHRIS MILNER, DANNY McGOWAN. 2012. TRADE COSTS AND TRADE COMPOSITION. *Economic Inquiry* no-no. [[Crossref](#)]
851. Tomohiro Machikita, Yasushi Ueki. 2012. The geographic extent of global supply chains: evidence from Southeast Asia. *Asian-Pacific Economic Literature* 26:2, 72-87. [[Crossref](#)]
852. Nadia Doytch, Mesut Eren. 2012. Institutional Determinants of Sectoral FDI in Eastern European and Central Asian Countries: The Role of Investment Climate and Democracy. *Emerging Markets Finance and Trade* 48:0, 14-32. [[Crossref](#)]
853. Takashi Akamatsu, Yuki Takayama, Kiyohiro Ikeda. 2012. Spatial discounting, Fourier, and racetrack economy: A recipe for the analysis of spatial agglomeration models. *Journal of Economic Dynamics and Control* 36:11, 1729-1759. [[Crossref](#)]
854. B. Pinior, M. Korschake, U. Platz, H.D. Thiele, B. Petersen, F.J. Conraths, T. Selhorst. 2012. The trade network in the dairy industry and its implication for the spread of contamination. *Journal of Dairy Science* 95:11, 6351-6361. [[Crossref](#)]
855. Sami Bensassi, Inmaculada Martínez-Zarzoso. 2012. How Costly is Modern Maritime Piracy to the International Community?. *Review of International Economics* 20:5, 869-883. [[Crossref](#)]
856. Zhenhui Xu, Jianyong Fan. 2012. China's Regional Trade and Domestic Market Integrations. *Review of International Economics* 20:5, 1052-1069. [[Crossref](#)]
857. Neil Foster. 2012. Preferential Trade Agreements and the Margins of Imports. *Open Economies Review* 23:5, 869-889. [[Crossref](#)]
858. José de Sousa, Thierry Mayer, Soledad Zignago. 2012. Market access in global and regional trade. *Regional Science and Urban Economics* 42:6, 1037-1052. [[Crossref](#)]
859. Carol McAusland, Daniel L. Millimet. 2012. Do national borders matter? Intranational trade, international trade, and the environment. *Journal of Environmental Economics and Management* . [[Crossref](#)]

860. Omer Gokcekus, Jessica Henson, Dennis Nottebaum, Anthony Wanis-St John. 2012. Impediments to trade across the Green Line in Cyprus. *Journal of Peace Research* **49**:6, 863-872. [[Crossref](#)]
861. Jeffrey A. Frankel. Choosing an Exchange Rate Regime 767-784. [[Crossref](#)]
862. Philippe Martin,, Thierry Mayer,, Mathias Thoenig. 2012. The Geography of Conflicts and Regional Trade Agreements. *American Economic Journal: Macroeconomics* **4**:4, 1-35. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
863. Doireann Fitzgerald. 2012. Trade Costs, Asset Market Frictions, and Risk Sharing. *American Economic Review* **102**:6, 2700-2733. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
864. Rigoberto A. Lopez, Xenia Matschke. 2012. Home Bias in US Beer Consumption. *Pacific Economic Review* **17**:4, 525-534. [[Crossref](#)]
865. MIAOJIE YU. 2012. DOES APPRECIATION OF THE RENMINBI DECREASE IMPORTS TO THE UNITED STATES FROM CHINA?. *Contemporary Economic Policy* **30**:4, 533-547. [[Crossref](#)]
866. Yuqing Xing. 2012. Processing trade, exchange rates and China's bilateral trade balances. *Journal of Asian Economics* **23**:5, 540-547. [[Crossref](#)]
867. A. Adam, M. Katsimi, T. Moutos. 2012. Inequality and the import demand function. *Oxford Economic Papers* **64**:4, 675-701. [[Crossref](#)]
868. Md. Saiful Alam, Taikoo Chang. 2012. Unlocking Trade Potentials between Bangladesh and Korea. ##### **18**:2, 265-297. [[Crossref](#)]
869. Kyounghee Lee. 2012. International Trade in Services and the Role of English. *Journal of East Asian Economic Integration* **16**:3, 291-314. [[Crossref](#)]
870. E. Young Song, Chen Zhao. 2012. Does Specialization Matter for Trade Imbalance at Industry Level?. *Journal of East Asian Economic Integration* **16**:3, 227-247. [[Crossref](#)]
871. Arijit Mukherjee, Kullapat Suetrong. 2012. Trade cost reduction and foreign direct investment. *Economic Modelling* **29**:5, 1938-1945. [[Crossref](#)]
872. Peter H. Egger, Mario Larch. 2012. Estimating Consistent Border Effects in Gravity Models with Multilateral Resistance. *The World Economy* **35**:9, 1121-1125. [[Crossref](#)]
873. Nelson Villoria. 2012. The effects of China's growth on the food prices and the food exports of other developing countries. *Agricultural Economics* **43**:5, 499-514. [[Crossref](#)]
874. Xiaohua Bao, Larry D. Qiu. 2012. How Do Technical Barriers to Trade Influence Trade?. *Review of International Economics* **20**:4, 691-706. [[Crossref](#)]
875. Mahmut Yasar, David Lisner, Roderick M. Rejesus. 2012. Bilateral trade impacts of temporary foreign visitor policy. *Review of World Economics* **148**:3, 501-521. [[Crossref](#)]
876. Mohamed El Hedi Arouri, Guglielmo Maria Caporale, Christophe Rault, Robert Sova, Anamaria Sova. 2012. Environmental Regulation and Competitiveness: Evidence from Romania. *Ecological Economics* **81**, 130-139. [[Crossref](#)]
877. Hatice Kerra Geldi. 2012. Trade effects of regional integration: A panel cointegration analysis. *Economic Modelling* **29**:5, 1566-1570. [[Crossref](#)]
878. Mark N. Harris, László Kónya, László Mátyás. 2012. Some Stylized Facts about International Trade Flows. *Review of International Economics* **20**:4, 781-792. [[Crossref](#)]
879. Indira Rajaraman. 2012. The Fiscal Impact of Trade Tariff Cuts: Long-Series Historical Evidence. *Global Policy* **3**:3, 375-383. [[Crossref](#)]
880. Thomas J. Holmes, John J. Stevens. 2012. Exports, borders, distance, and plant size. *Journal of International Economics* **88**:1, 91-103. [[Crossref](#)]
881. Shiro P. Armstrong. 2012. The Politics of Japan-China Trade and the Role of the World Trade System. *The World Economy* **35**:9, 1102-1120. [[Crossref](#)]

882. Jean-Marc Siroën, Aycil Yucer. 2012. The impact of MERCOSUR on trade of Brazilian states. *Review of World Economics* 148:3, 553-582. [[Crossref](#)]
883. Olivier Lamotte. 2012. Disentangling the Impact of Wars and Sanctions on International Trade: Evidence from Former Yugoslavia. *Comparative Economic Studies* 54:3, 553-579. [[Crossref](#)]
884. Nicolas Berman, Philippe Martin. 2012. The Vulnerability of Sub-Saharan Africa to Financial Crises: The Case of Trade. *IMF Economic Review* 60:3, 329-364. [[Crossref](#)]
885. Bo Xiong, John Beghin. 2012. Does European aflatoxin regulation hurt groundnut exporters from Africa?. *European Review of Agricultural Economics* 39:4, 589-609. [[Crossref](#)]
886. Maksim Belenkiy, David Riker. 2012. Face-to-Face Exports. *Journal of Travel Research* 51:5, 632-639. [[Crossref](#)]
887. Alberto Behar, Philip Manners, Benjamin D. Nelson. 2012. Exports and International Logistics*. *Oxford Bulletin of Economics and Statistics* no-no. [[Crossref](#)]
888. Niven Winchester, Marie-Luise Rau, Christian Goetz, Bruno Larue, Tsunehiro Otsuki, Karl Shutes, Christine Wieck, Heloisa L. Burnquist, Maurício J. Pinto de Souza, Rosane Nunes de Faria. 2012. The Impact of Regulatory Heterogeneity on Agri-food Trade. *The World Economy* 35:8, 973-993. [[Crossref](#)]
889. Faqin Lin, Nicholas C.S. Sim. 2012. Death of distance and the distance puzzle. *Economics Letters* 116:2, 225-228. [[Crossref](#)]
890. George Deltas, Klaus Desmet, Giovanni Facchini. 2012. Hub-and-spoke free trade areas: theory and evidence from Israel. *Canadian Journal of Economics/Revue canadienne d'économique* 45:3, 942-977. [[Crossref](#)]
891. Kristian Behrens, Cem Ertur, Wilfried Koch. 2012. 'DUAL' GRAVITY: USING SPATIAL ECONOMETRICS TO CONTROL FOR MULTILATERAL RESISTANCE. *Journal of Applied Econometrics* 27:5, 773-794. [[Crossref](#)]
892. Pascal L. Ghazalian, Lota D. Tamini, Bruno Larue, Jean-Philippe Gervais. 2012. A gravity model to account for vertical linkages between markets with an application to the cattle/beef sector. *The Journal of International Trade & Economic Development* 21:4, 579-601. [[Crossref](#)]
893. Peter H. Egger, Mario Larch. 2012. Tariff evasion effects in quantitative general equilibrium. *Economics Letters* 116:2, 262-264. [[Crossref](#)]
894. Kevin Bartz, Nicola Fuchs-Schündeln. 2012. The role of borders, languages, and currencies as obstacles to labor market integration. *European Economic Review* 56:6, 1148-1163. [[Crossref](#)]
895. Louise Curran, Soledad Zignago. 2012. Does the home-region bias of international business vary by industry?. *Critical perspectives on international business* 8:3, 203-224. [[Crossref](#)]
896. Jesus Felipe, Utsav Kumar. 2012. The Role of Trade Facilitation in Central Asia. *Eastern European Economics* 50:4, 5-20. [[Crossref](#)]
897. Roberta De Santis. 2012. Impact of Environmental Regulations on Trade in the Main EU Countries: Conflict or Synergy?. *The World Economy* 35:7, 799-815. [[Crossref](#)]
898. Giulia Bettin, Alessia Lo Turco. 2012. A Cross-Country View on South-North Migration and Trade: Dissecting the Channels. *Emerging Markets Finance and Trade* 48:4, 4-29. [[Crossref](#)]
899. NATALIE CHEN, DENNIS NOVY. 2012. On the measurement of trade costs: direct vs. indirect approaches to quantifying standards and technical regulations. *World Trade Review* 11:03, 401-414. [[Crossref](#)]
900. Alberto Portugal-Perez, John S. Wilson. 2012. Export Performance and Trade Facilitation Reform: Hard and Soft Infrastructure. *World Development* 40:7, 1295-1307. [[Crossref](#)]

901. AXEL MANGELSDORF, ALBERTO PORTUGAL-PEREZ, JOHN S. WILSON. 2012. Food standards and exports: evidence for China. *World Trade Review* 11:03, 507-526. [[Crossref](#)]
902. Derek Kellenberg. 2012. Trading wastes. *Journal of Environmental Economics and Management* 64:1, 68-87. [[Crossref](#)]
903. Mohammad Mafizur Rahman, Dilip Dutta. 2012. The Gravity Model Analysis of Bangladesh's Trade: A Panel Data Approach. *Journal of Asia-Pacific Business* 13:3, 263-286. [[Crossref](#)]
904. Yohei Okawa, Eric van Wincoop. 2012. Gravity in International Finance. *Journal of International Economics* 87:2, 205-215. [[Crossref](#)]
905. Min Zhou, Chan-ung Park. 2012. The cohesion effect of structural equivalence on global bilateral trade, 1948–2000. *International Sociology* 27:4, 502-523. [[Crossref](#)]
906. Mohammad Masudur Rahman, Chanwahn Kim. 2012. Trade and investment potential among BCIM countries: prospects for a dynamic growth quadrangle. *Journal of International Trade Law and Policy* 11:2, 163-190. [[Crossref](#)]
907. Oliver Falck, Stephan Heblich, Alfred Lameli, Jens Südekum. 2012. Dialects, Cultural Identity, and Economic Exchange. *Journal of Urban Economics* . [[Crossref](#)]
908. Alan C. Spearot. 2012. Variable Demand Elasticities and Tariff Liberalization. *Journal of International Economics* . [[Crossref](#)]
909. Peter A. Petri. 2012. The determinants of bilateral FDI: Is Asia different?. *Journal of Asian Economics* 23:3, 201-209. [[Crossref](#)]
910. Pascal L. Ghazalian. 2012. Home Bias in Primary Agricultural and Processed Food Trade: Assessing the Effects of National Degree of Uncertainty Aversion. *Journal of Agricultural Economics* 63:2, 265-290. [[Crossref](#)]
911. Gregory Corcos, Massimo Del Gatto, Giordano Mion, Gianmarco I.P. Ottaviano. 2012. Productivity and Firm Selection: Quantifying the 'New' Gains from Trade*. *The Economic Journal* 122:561, 754-798. [[Crossref](#)]
912. J. de Sousa, J. Lochard. 2012. Trade and Colonial Status. *Journal of African Economies* 21:3, 409-439. [[Crossref](#)]
913. Guoxue Wei, Jikun Huang, Jun Yang. 2012. The impacts of food safety standards on China's tea exports. *China Economic Review* 23:2, 253-264. [[Crossref](#)]
914. LEO H. KAHANE. 2012. UNDERSTANDING THE INTERSTATE EXPORT OF CRIME GUNS: A GRAVITY MODEL APPROACH. *Contemporary Economic Policy* no-no. [[Crossref](#)]
915. David Riker. 2012. Has Special 301 Promoted US Manufacturing Exports?. *Review of International Economics* 20:2, 288-298. [[Crossref](#)]
916. Jeffrey H. Bergstrand, Peter Egger, Mario Larch. 2012. Gravity Redux: Estimation of gravity-equation coefficients, elasticities of substitution, and general equilibrium comparative statics under asymmetric bilateral trade costs. *Journal of International Economics* . [[Crossref](#)]
917. Sebastian Krauthaim. 2012. Heterogeneous firms, exporter networks and the effect of distance on international trade. *Journal of International Economics* 87:1, 27-35. [[Crossref](#)]
918. E. Young Song, Chan-Hyun Sohn. 2012. Intra-industry Trade and Industry Distribution of Productivity: A Cournot-Ricardo Approach. *The World Economy* 35:4, 461-482. [[Crossref](#)]
919. Dany Jaimovich. 2012. A Bayesian spatial probit estimation of Free Trade Agreement contagion. *Applied Economics Letters* 19:6, 579-583. [[Crossref](#)]
920. Hsiu-Ling Wu, Chien-Hsun Chen, Li-Ting Chen. 2012. Determinants of Foreign Trade in China's Textile Industry. *The International Trade Journal* 26:2, 112-138. [[Crossref](#)]

921. John Francis, Yuqing Zheng. 2012. Trade, Geography, and Industry Growth in U.S. Manufacturing. *Southern Economic Journal* **78**:4, 1222-1241. [[Crossref](#)]
922. Guo-xue WEI, Ji-kun HUANG, Jun YANG. 2012. Honey Safety Standards and Its Impacts on China's Honey Export. *Journal of Integrative Agriculture* **11**:4, 684-693. [[Crossref](#)]
923. Yaron Zelekha,, Eyal Sharabi,, Ohad Bar-Efrat,. 2012. Trade, Institutions, and Religion: The Effect of the Jewish Diaspora on Israel's Foreign Trade. *Applied Economics Quarterly* **58**:2, 111-137. [[Crossref](#)]
924. Estrella Gómez-Herrera. 2012. Comparing alternative methods to estimate gravity models of bilateral trade. *Empirical Economics* . [[Crossref](#)]
925. Yaron Zelekha, Eyal Sharabi. 2012. Corruption, institutions and trade. *Economics of Governance* . [[Crossref](#)]
926. Céline Carrère, Julien Gourdon, Marcelo Olarreaga. 2012. Regional integration and natural resources: Who benefits? Evidence from MENA. *International Economics* **131**, 23-41. [[Crossref](#)]
927. Susanna Thede, Nils-Åke Gustafson. 2012. The Multifaceted Impact of Corruption on International Trade. *The World Economy* no-no. [[Crossref](#)]
928. S. Bensassi, L. Marquez-Ramos, I. Martinez-Zarzoso. 2012. Economic Integration and the Two Margins of Trade: The Impact of the Barcelona Process on North African Countries' Exports. *Journal of African Economies* **21**:2, 228-265. [[Crossref](#)]
929. Michele Fratianni, Francesco Marchionne. 2012. Trade Costs and Economic Development. *Economic Geography* no-no. [[Crossref](#)]
930. IKUMO ISONO, SATORU KUMAGAI, FUKUNARI KIMURA. 2012. AGGLOMERATION AND DISPERSION IN CHINA AND ASEAN: A GEOGRAPHICAL SIMULATION ANALYSIS. *China Economic Policy Review* **01**:01, 1250005. [[Crossref](#)]
931. Costas Arkolakis,, Arnaud Costinot,, Andrés Rodríguez-Clare. 2012. New Trade Models, Same Old Gains?. *American Economic Review* **102**:1, 94-130. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
932. María Pía Olivero, Yoto V. Yotov. 2012. Dynamic gravity: endogenous country size and asset accumulation. *Canadian Journal of Economics/Revue canadienne d'économique* **45**:1, 64-92. [[Crossref](#)]
933. Simone Juhasz Silva, Douglas Nelson. 2012. Does Aid Cause Trade? Evidence from an Asymmetric Gravity Model. *The World Economy* no-no. [[Crossref](#)]
934. Margherita Comola. 2012. Democracies, Politics, and Arms Supply. *Review of International Economics* **20**:1, 150-163. [[Crossref](#)]
935. Paul De Grauwe, Romain Houssa, Giulia Piccillo. 2012. African trade dynamics: is China a different trading partner?. *Journal of Chinese Economic and Business Studies* **10**:1, 15-45. [[Crossref](#)]
936. Andrzej Cieřlik, Jan Jakub Michalek, Jerzy Mycielski. 2012. Measuring the trade effects of the euro in Central and Eastern Europe. *The Journal of International Trade & Economic Development* **21**:1, 25-49. [[Crossref](#)]
937. B. Piniór, U. Platz, U. Ahrens, B. Petersen, F. Conraths, T. Selhorst. 2012. The German milky way: trade structure of the milk industry and possible consequences of a food crisis. *Journal on Chain and Network Science* **12**:1, 25-39. [[Crossref](#)]
938. Alberto Behar, Benjamin D. Nelson. 2012. Trade Flows, Multilateral Resistance, and Firm Heterogeneity. *IMF Working Papers* **12**:297, 1. [[Crossref](#)]
939. Benedikt Heid, Mario Larch. 2012. Migration, Trade and Unemployment. *Economics: The Open-Access, Open-Assessment E-Journal* **6**:2012-4, 1. [[Crossref](#)]
940. Céline Carrère. 2012. UEMOA, CEMAC : quelle performance en matière de commerce ?. *Revue d'économie du développement* **27**:1, 33. [[Crossref](#)]

941. Gabriel J. Felbermayr, Farid Toubal. 2012. Revisiting the Trade-Migration Nexus: Evidence from New OECD Data. *World Development* . [[Crossref](#)]
942. John S. Ahlquist, Erik Wibbels. 2012. Riding the Wave: World Trade and Factor-Based Models of Democratization. *American Journal of Political Science* no-no. [[Crossref](#)]
943. Paul R. Bergin, Ching-Yi Lin. 2012. The dynamic effects of a currency union on trade. *Journal of International Economics* . [[Crossref](#)]
944. Nicholas Horsewood, Anca Monika Voicu. 2012. Does Corruption Hinder Trade for the New EU Members?. *Economics: The Open-Access, Open-Assessment E-Journal* 6:2012-47, 1. [[Crossref](#)]
945. Laura Márquez-Ramos, Inmaculada Martínez-Zarzoso, Celestino Suárez-Burguet. 2012. Trade Policy versus Trade Facilitation: An Application Using "Good Old" OLS. *Economics: The Open-Access, Open-Assessment E-Journal* 6:2012-11, 1. [[Crossref](#)]
946. Nicolas Péridy. 2012. Some New Insights into Trade Potential between the EU and Its Mediterranean Partners. *Economics Research International* 2012, 1-15. [[Crossref](#)]
947. Bala Ramasamy, Matthew C.H. Yeung. 2012. Ethical Distance and Difference in Bilateral Trade. *The Journal of World Investment & Trade* 13:3, 420-441. [[Crossref](#)]
948. Harry Kelejian, George S. Tavlas, Pavlos Petroulas. 2012. In the neighborhood: The trade effects of the Euro in a spatial framework. *Regional Science and Urban Economics* 42:1-2, 314-322. [[Crossref](#)]
949. Heiwai Tang. 2012. Labor Market Institutions, Firm-specific Skills, and Trade Patterns. *Journal of International Economics* . [[Crossref](#)]
950. David Riker. 2012. Electricity Efficiency and U.S. Manufacturing Exports. *The Electricity Journal* . [[Crossref](#)]
951. Aljaž Kunčič, Janez Šušteršič. Political Economy of Central Europe 239-260. [[Crossref](#)]
952. Yuko Hashimoto, Konstantin Wacker. 2012. The Role of Risk and Information for International Capital Flows: New Evidence from the SDDS. *IMF Working Papers* 12:242, 1. [[Crossref](#)]
953. Don Ross. The Economic Agent 691-735. [[Crossref](#)]
954. Lăisa Ro'i, Marc-Alexandre SÉNÉGAS. 2012. Bilateral trade, colonial heritage and common currency arrangements: An Oceanian perspective. *International Economics* 129, 63-98. [[Crossref](#)]
955. Donald Lien, Chang Hoon Oh, W. Travis Selmier. 2012. Confucius institute effects on China's trade and FDI: Isn't it delightful when folks afar study Hanyu?. *International Review of Economics & Finance* 21:1, 147-155. [[Crossref](#)]
956. Joanna Tochman Campbell, Lorraine Eden, Stewart R Miller. 2012. Multinationals and corporate social responsibility in host countries: Does distance matter?. *Journal of International Business Studies* 43:1, 84-106. [[Crossref](#)]
957. Harry P. Bowen, Abraham Hollander, Jean-Marie Viaene. Factor mobility and trade 179-204. [[Crossref](#)]
958. Yoon Heo, Tran N. KIEN. 2012. Korea-ASEAN Trade Flows and the Role of AFTA: Sector-Specific Evidence of Trade Diversion. *Journal of International Logistics and Trade* 10:2, 21. [[Crossref](#)]
959. Yutaka Kurihara. 2012. Is the WTO Truly Effective?. *iBusiness* 04:02, 121-125. [[Crossref](#)]
960. Matthias Helble, Catherine L. Mann, John S. Wilson. 2011. Aid-for-trade facilitation. *Review of World Economics* . [[Crossref](#)]
961. Ivan T. Kandilov, Thomas Grennes. 2011. The determinants of service offshoring: Does distance matter?. *Japan and the World Economy* . [[Crossref](#)]
962. NIKOLAUS WOLF, MAX-STEPHAN SCHULZE, HANS-CHRISTIAN HEINEMEYER. 2011. On the Economic Consequences of the Peace: Trade and Borders After Versailles. *The Journal of Economic History* 71:04, 915-949. [[Crossref](#)]

963. Yoko Asuyama. 2011. Skill Distribution and Comparative Advantage: A Comparison of China and India. *World Development* . [[Crossref](#)]
964. Chang Hoon Oh, W. Travis Selmier, Donald Lien. 2011. International trade, foreign direct investment, and transaction costs in languages. *The Journal of Socio-Economics* **40**:6, 732-735. [[Crossref](#)]
965. Corinne Bagoulla, Nicolas Péridy. 2011. Market access and the other determinants of North-South manufacturing location choice: An application to the Euro-Mediterranean area. *Economic Systems* **35**:4, 537-561. [[Crossref](#)]
966. Prabir De. 2011. Why is trade at borders a costly affair in South Asia? An empirical investigation. *Contemporary South Asia* **19**:4, 441-464. [[Crossref](#)]
967. Maurício Jorge Pinto de Souza, Heloisa Lee Burnquist. 2011. Impactos da facilitação de comércio: evidências do modelo gravitacional. *Revista de Economia e Sociologia Rural* **49**:4, 909-940. [[Crossref](#)]
968. J. H. Grant, K. A. Boys. 2011. Agricultural Trade and the GATT/WTO: Does Membership Make a Difference?. *American Journal of Agricultural Economics* . [[Crossref](#)]
969. Guillaume Daudin, Christine Riffart, Danielle Schweisguth. 2011. Who produces for whom in the world economy?. *Canadian Journal of Economics/Revue canadienne d'économique* **44**:4, 1403-1437. [[Crossref](#)]
970. Yiagadeesen Samy, Vivek H. Dehejia. 2011. Trade and Labor Standards in the European Union: A Gravity Model Approach. *The International Trade Journal* **25**:5, 581-618. [[Crossref](#)]
971. Sucharita Ghosh. 2011. The Gravity Model in International Trade. Advances and Applications - Edited by Peter A.G. Van Bergeijk and Steven Brakman. *Review of International Economics* **19**:5, 979-981. [[Crossref](#)]
972. Cullen F. Goenner. 2011. Simultaneity between Trade and Conflict: Endogenous Instruments of Mass Destruction. *Conflict Management and Peace Science* **28**:5, 459-477. [[Crossref](#)]
973. N. Tran, N. L. W. Wilson, S. Anders. 2011. Standard Harmonization as Chasing Zero (Tolerance Limits): The Impact of Veterinary Drug Residue Standards on Crustacean Imports in the EU, Japan, and North America. *American Journal of Agricultural Economics* . [[Crossref](#)]
974. YVES BOURDET, MARIA PERSSON. 2011. Completing the European Union Customs Union: The Effects of Trade Procedure Harmonization*. *JCMS: Journal of Common Market Studies* no-no. [[Crossref](#)]
975. Silvia Nenci. 2011. Tariff Liberalisation and the Growth of World Trade: A Comparative Historical Analysis of the Multilateral Trading System. *The World Economy* **34**:10, 1809-1835. [[Crossref](#)]
976. Andrew J. Cassey. 2011. State Foreign Export Patterns. *Southern Economic Journal* **78**:2, 308-329. [[Crossref](#)]
977. Carlos Llano-Verduras, Asier Minondo, Francisco Requena-Silvente. 2011. Is the Border Effect an Artefact of Geographical Aggregation?. *The World Economy* **34**:10, 1771-1787. [[Crossref](#)]
978. Shawn Arita, Christopher Edmonds, Sumner La Croix, James Mak. 2011. Impact of Approved Destination Status on Chinese Travel Abroad: An Econometric Analysis. *Tourism Economics* **17**:5, 983-996. [[Crossref](#)]
979. Gabriel Felbermayr, Wilhelm Kohler. Modelling the Extensive Margin of World Trade: New Evidence on GATT and WTO Membership 92-130. [[Crossref](#)]
980. Terence Tai-Leung Chong, Wing-Keung Wong, Juan Zhang. 2011. A gravity analysis of international stock market linkages. *Applied Economics Letters* **18**:14, 1315-1319. [[Crossref](#)]
981. Kazunobu Hayakawa. 2011. Measuring fixed costs for firms' use of a free trade agreement: Threshold regression approach. *Economics Letters* . [[Crossref](#)]

982. Gianluca Cafiso. 2011. Sectoral border effects and the geographic concentration of production. *Review of World Economics* 147:3, 543-566. [[Crossref](#)]
983. Sébastien Miroudot, Jehan Sauvage, Ben Shepherd. 2011. Trade costs and productivity in services sectors. *Economics Letters* . [[Crossref](#)]
984. Florian Mölders, Ulrich Volz. 2011. Trade creation and the status of FTAs: empirical evidence from East Asia. *Review of World Economics* 147:3, 429-456. [[Crossref](#)]
985. Fernando García-Belenguier, Manuel Santos. 2011. Efectos macroeconómicos de la integración europea. *Cuadernos de Economía* 34:96, 128-136. [[Crossref](#)]
986. Valeria Costantini, Massimiliano Mazzanti. 2011. On the green and innovative side of trade competitiveness? The impact of environmental policies and innovation on EU exports. *Research Policy* . [[Crossref](#)]
987. Apanard Penny Angkinand, Eric M.P. Chiu. 2011. Will institutional reform enhance bilateral trade flows? Analyses from different reform aspects. *Journal of Economic Policy Reform* 14:3, 243-258. [[Crossref](#)]
988. Neil Foster, Robert Stehrer. 2011. Preferential trade agreements and the structure of international trade. *Review of World Economics* 147:3, 385-409. [[Crossref](#)]
989. Madanmohan Ghosh, Weimin Wang. 2011. Canada and U.S. Outward FDI and Exports: Are China and India Special?. *The International Trade Journal* 25:4, 465-512. [[Crossref](#)]
990. Jaime Martínez-Martín. 2011. General equilibrium long-run determinants for Spanish FDI: a spatial panel data approach. *SERIEs* 2:3, 305-333. [[Crossref](#)]
991. Stephen J. Redding. 2011. Theories of Heterogeneous Firms and Trade. *Annual Review of Economics* 3:1, 77-105. [[Crossref](#)]
992. James E. Anderson. 2011. The Gravity Model. *Annual Review of Economics* 3:1, 133-160. [[Crossref](#)]
993. Peter Egger,, Mario Larch,, Kevin E. Staub,, Rainer Winkelmann. 2011. The Trade Effects of Endogenous Preferential Trade Agreements. *American Economic Journal: Economic Policy* 3:3, 113-143. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
994. Theo S. Eicher, Christian Henn. 2011. One Money, One Market: A Revised Benchmark. *Review of International Economics* 19:3, 419-435. [[Crossref](#)]
995. Maureen Lankhuizen, Henri L. F. de Groot, Gert-Jan M. Linders. 2011. The Trade-Off between Foreign Direct Investments and Exports: The Role of Multiple Dimensions of Distance. *The World Economy* 34:8, 1395-1416. [[Crossref](#)]
996. Weibo Xing, Shantong Li. 2011. Home Bias, Border Effect and Internal Market Integration in China: Evidence from Inter-provincial Value-added Tax Statistics. *Review of Development Economics* 15:3, 491-503. [[Crossref](#)]
997. Holger Breinlich, Alessandra Tucci. 2011. Foreign market conditions and export performance: does 'crowdedness' reduce exports?. *Canadian Journal of Economics/Revue canadienne d'économique* 44:3, 991-1019. [[Crossref](#)]
998. MAX-STEPHAN SCHULZE, NIKOLAUS WOLF. 2011. Economic nationalism and economic integration: the Austro-Hungarian Empire in the late nineteenth century 1. *The Economic History Review* no-no. [[Crossref](#)]
999. E. Young Song. 2011. On Gravity, Specialization and Intra-industry Trade. *Review of International Economics* 19:3, 494-508. [[Crossref](#)]
1000. Hakan Yilmazkuday. 2011. Understanding interstate trade patterns. *Journal of International Economics* . [[Crossref](#)]

1001. Luca De Benedictis, Lucia Tajoli. 2011. The World Trade Network. *The World Economy* 34:8, 1417-1454. [[Crossref](#)]
1002. Carolina de Almeida Jorge, Marta Castilho. 2011. Impacto da integração regional sobre os fluxos mundiais de investimento direto estrangeiro. *Economia e Sociedade* 20:2, 365-395. [[Crossref](#)]
1003. Raphael Auer, Philip Sauré. 2011. CHF strength and Swiss export performance – evidence and outlook from a disaggregate analysis. *Applied Economics Letters* 1-11. [[Crossref](#)]
1004. Raúl Serrano, Vicente Pinilla. 2011. The long-run decline in the share of agricultural and food products in international trade: a gravity equation approach to its causes. *Applied Economics* 1-12. [[Crossref](#)]
1005. Abed G. Rabbani, Madan Mohan Dey, Kehar Singh. 2011. DETERMINANTS OF CATFISH, BASA AND TRA IMPORTATION INTO THE USA: AN APPLICATION OF AN AUGMENTED GRAVITY MODEL. *Aquaculture Economics & Management* 15:3, 230-244. [[Crossref](#)]
1006. John K. Mullen, Martin Williams. 2011. Bilateral FDI and Canadian Export Activity. *The International Trade Journal* 25:3, 349-371. [[Crossref](#)]
1007. Eric Neumayer. 2011. On the detrimental impact of visa restrictions on bilateral trade and foreign direct investment. *Applied Geography* 31:3, 901-907. [[Crossref](#)]
1008. Natalie Chen, Dennis Novy. 2011. Gravity, trade integration, and heterogeneity across industries. *Journal of International Economics* . [[Crossref](#)]
1009. Vincent Vicard. 2011. Trade, conflict, and political integration: Explaining the heterogeneity of regional trade agreements. *European Economic Review* . [[Crossref](#)]
1010. Chheng-Chwan Hwang, Guo-Chou Shiao. 2011. Analyzing air cargo flows of international routes: an empirical study of Taiwan Taoyuan International Airport. *Journal of Transport Geography* 19:4, 738-744. [[Crossref](#)]
1011. Tamara de la Mata, Carlos Llano-Verduras. 2011. Spatial pattern and domestic tourism: An econometric analysis using inter-regional monetary flows by type of journey*. *Papers in Regional Science* no-no. [[Crossref](#)]
1012. Douglas H. Brooks, Benno Ferrarini. 2011. Asia's Melting Trade Costs. *The World Economy* 34:7, 1138-1147. [[Crossref](#)]
1013. Byron S. Gangnes, Alyson C. Ma, Ari Van Assche. 2011. China's exports in a world of increasing oil prices. *Multinational Business Review* 19:2, 133-151. [[Crossref](#)]
1014. Laura Mayoral, María Dolores Gadea. 2011. Aggregate real exchange rate persistence through the lens of sectoral data. *Journal of Monetary Economics* . [[Crossref](#)]
1015. Guojun Ji, Wei Feng. Research on strategic service of third-party logistics 1-5. [[Crossref](#)]
1016. Bernhard Herz, Marco Wagner. 2011. The 'Real' Impact of GATT/WTO - a Generalised Approach. *The World Economy* 34:6, 1014-1041. [[Crossref](#)]
1017. Efthymios G Pavlidis, Ivan Paya, David A Peel. 2011. Real Exchange Rates and Time-Varying Trade Costs. *Journal of International Money and Finance* . [[Crossref](#)]
1018. Jayjit Roy. 2011. Is the WTO mystery really solved?. *Economics Letters* . [[Crossref](#)]
1019. Iván Arribas, Francisco Pérez, Emili Tortosa-Ausina. 2011. A New Interpretation of the Distance Puzzle Based on Geographic Neutrality. *Economic Geography* no-no. [[Crossref](#)]
1020. C. Freund, N. Rocha. 2011. What Constrains Africa's Exports?. *The World Bank Economic Review* . [[Crossref](#)]

1021. Richard Baldwin,, James Harrigan. 2011. Zeros, Quality, and Space: Trade Theory and Trade Evidence. *American Economic Journal: Microeconomics* 3:2, 60-88. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1022. Innwon Park, Soonchan Park. 2011. Regional Liberalisation of Trade in Services. *The World Economy* 34:5, 725-740. [[Crossref](#)]
1023. B. Bhaskara Rao, Krishna Chaitanya Vadlamannati. 2011. Globalization and growth in the low income African countries with the extreme bounds analysis. *Economic Modelling* 28:3, 795-805. [[Crossref](#)]
1024. Imran Ullah Khan, Kaliappa Kalirajan. 2011. The impact of trade costs on exports: An empirical modeling. *Economic Modelling* 28:3, 1341-1347. [[Crossref](#)]
1025. Gianluca Cafiso. 2011. Rose effect versus border effect: the Euro's impact on trade. *Applied Economics* 43:13, 1691-1702. [[Crossref](#)]
1026. Nikolaus Wolf, Albrecht O. Ritschl. 2011. Endogeneity of Currency Areas and Trade Blocs: Evidence from a Natural Experiment. *Kyklos* 64:2, 291-312. [[Crossref](#)]
1027. Peter Egger, David Greenaway, Tobias Seidel. 2011. Rigid labour markets with trade and capital mobility: theory and evidence. *Canadian Journal of Economics/Revue canadienne d'économie* 44:2, 509-540. [[Crossref](#)]
1028. Pao-Li Chang, Myoung-Jae Lee. 2011. The WTO trade effect. *Journal of International Economics* . [[Crossref](#)]
1029. David Karemera, Shunsuke Managi, Lucy Reuben, Ora Spann. 2011. The impacts of exchange rate volatility on vegetable trade flows. *Applied Economics* 43:13, 1607-1616. [[Crossref](#)]
1030. Peter Egger, Christoph Jeßberger, Mario Larch. 2011. Trade and investment liberalization as determinants of multilateral environmental agreement membership. *International Tax and Public Finance* . [[Crossref](#)]
1031. Pham Thi Hong Hanh. 2011. Does WTO accession matter for the dynamics of foreign direct investment and trade?. *Economics of Transition* 19:2, 255-285. [[Crossref](#)]
1032. Miren Lafourcade, Elisenda Paluzie. 2011. European Integration, Foreign Direct Investment (FDI), and the Geography of French Trade. *Regional Studies* 45:4, 419-439. [[Crossref](#)]
1033. Jérôme Hergueux. 2011. How does religion bias the allocation of Foreign Direct Investment? The role of institutions. *International Economics* 128, 53-76. [[Crossref](#)]
1034. Marcela Sabaté, Carmen Fillat, Ana Belén Gracia. 2011. A gravity criterium for discriminating traditional protection measures. *Economics Letters* 111:1, 50-53. [[Crossref](#)]
1035. Ronald S Wall, Martijn J Burger, G A (Bert) van der Knaap. 2011. The Geography of Global Corporate Networks: The Poor, the Rich, and the Happy Few Countries. *Environment and Planning A* 43:4, 904-927. [[Crossref](#)]
1036. M. Yakop, P. A. G. van Bergeijk. 2011. Economic diplomacy, trade and developing countries. *Cambridge Journal of Regions, Economy and Society* . [[Crossref](#)]
1037. Michele U. Fratianni, Francesco Marchionne, Chang Hoon Oh. 2011. A commentary on the gravity equation in international business research. *Multinational Business Review* 19:1, 36-46. [[Crossref](#)]
1038. Marcela Sabaté, Carmen Fillat, Ana Belén Gracia. 2011. The peripheral protectionist backlash in the First Globalization: Spain (1870-1913). *Revista de Historia Económica / Journal of Iberian and Latin American Economic History* 29:01, 95-121. [[Crossref](#)]
1039. Anca D. Cristea. 2011. Buyer-seller relationships in international trade: Evidence from U.S. States' exports and business-class travel. *Journal of International Economics* . [[Crossref](#)]
1040. K. Head, T. Mayer. 2011. Gravity, market potential and economic development. *Journal of Economic Geography* 11:2, 281-294. [[Crossref](#)]

1041. Massimo Geloso Grosso, Ben Shepherd. 2011. Air cargo transport in APEC: Regulation and effects on merchandise trade. *Journal of Asian Economics* . [[Crossref](#)]
1042. Bongsuk Sung. 2011. An analysis on the relationship between the environmental regulation and the export specialization pattern. *The Journal of International Trade & Commerce* 7:1, 139-158. [[Crossref](#)]
1043. Theo S. Eicher, Christian Henn. 2011. In search of WTO trade effects: Preferential trade agreements promote trade strongly, but unevenly#. *Journal of International Economics* 83:2, 137-153. [[Crossref](#)]
1044. Vijay Vemuri, Shahid Siddiqi. 2011. An Estimation of the Latent Bilateral Trade between India and Pakistan Using Panel Data Methods. *Global Economic Review* 40:1, 45-65. [[Crossref](#)]
1045. M. Fabricio Perez, Josef C. Brada, Zdenek Drabek. 2011. Illicit money flows as motives for FDI. *Journal of Comparative Economics* . [[Crossref](#)]
1046. David S. Jacks, Christopher M. Meissner, Dennis Novy. 2011. Trade booms, trade busts, and trade costs. *Journal of International Economics* 83:2, 185-201. [[Crossref](#)]
1047. Edward J. Balistreri, Russell H. Hillberry, Thomas F. Rutherford. 2011. Structural estimation and solution of international trade models with heterogeneous firms. *Journal of International Economics* 83:2, 95-108. [[Crossref](#)]
1048. Aikaterini Kavallari, Sarah Maas, P. Michael Schmitz. 2011. Examining the Determinants of Olive Oil Demand in Nonproducing Countries: Evidence from Germany and the UK. *Journal of Food Products Marketing* 17:2, 355-372. [[Crossref](#)]
1049. Bedassa Tadesse, Roger White. 2011. Emigrant Effects on Trade: Re-examining the Immigrant-trade Link from the Home Country Perspective. *Eastern Economic Journal* 37:2, 281-302. [[Crossref](#)]
1050. Johan Fourie, María Santana-Gallego. 2011. The impact of mega-sport events on tourist arrivals. *Tourism Management* . [[Crossref](#)]
1051. Pauline Grosjean, Claudia Senik. 2011. Democracy, Market Liberalization, and Political Preferences. *Review of Economics and Statistics* 93:1, 365-381. [[Crossref](#)]
1052. Juan Carlos Hallak, Peter K. Schott. 2011. Estimating Cross-Country Differences in Product Quality*. *The Quarterly Journal of Economics* 126:1, 417-474. [[Crossref](#)]
1053. JaeBin Ahn, Amit K. Khandelwal, Shang-Jin Wei. 2011. The role of intermediaries in facilitating trade#. *Journal of International Economics* . [[Crossref](#)]
1054. Anna D'Souza. 2011. The OECD Anti-Bribery Convention: Changing the currents of trade. *Journal of Development Economics* . [[Crossref](#)]
1055. Martin Uebele. 2011. National and international market integration in the 19th century: Evidence from comovement. *Explorations in Economic History* . [[Crossref](#)]
1056. Eleanor Doyle, Inmaculada Martinez-Zarzoso. 2011. Productivity, Trade, and Institutional Quality: A Panel Analysis. *Southern Economic Journal* 77:3, 726-752. [[Crossref](#)]
1057. Sajid Anwar, Lan Phi Nguyen. 2011. Foreign direct investment and trade: The case of Vietnam. *Research in International Business and Finance* 25:1, 39-52. [[Crossref](#)]
1058. Xiaoyun Liu, Xian Xin. 2011. Why Has China's Trade Grown So Fast? A Demand-Side Perspective. *Emerging Markets Finance and Trade* 47:1, 90-100. [[Crossref](#)]
1059. Andrew K. Rose, Mark M. Spiegel. 2011. The Olympic Effect*. *The Economic Journal* no-no. [[Crossref](#)]
1060. Abdul Abiad, Petia Topalova, Prachi Mishra. 2011. How Does Trade Evolve in the Aftermath of Financial Crises?. *IMF Working Papers* 11:3, 1. [[Crossref](#)]
1061. Andrew M. Wolfe, Rafael Romeu. 2011. Recession and Policy Transmission to Latin American tourism: Does Expanded Travel to Cuba offset Crisis Spillovers?. *IMF Working Papers* 11:32, 1. [[Crossref](#)]

1062. Ivan Kandilov, Xiaoyong Zheng. 2011. The impact of entry costs on export market participation in agriculture. *Agricultural Economics* no-no. [[Crossref](#)]
1063. Pascal L. Ghazalian, Bruno Larue, Jean-Philippe Gervais. 2011. Assessing the implications of regional preferential market access for meat commodities. *Agribusiness* n/a-n/a. [[Crossref](#)]
1064. Bradley J. McDonald, Christian Henn. 2011. Protectionist Responses to the Crisis: Damage Observed in Product-Level Trade. *IMF Working Papers* 11:139, 1. [[Crossref](#)]
1065. Marilyne Huchet-Bourdon, Angela Chepeta. 2011. Informal barriers and agricultural trade: does monetary integration matter?. *Agricultural Economics* no-no. [[Crossref](#)]
1066. Letizia Montinari, Giorgio Prodi. 2011. China's Impact on Intra-African Trade. *Chinese Economy* 44:4, 75. [[Crossref](#)]
1067. Richard Friberg, Robert W. Paterson, Andrew D. Richardson. 2011. Why is there a Home Bias? A Case Study of Wine. *Journal of Wine Economics* 6:01, 37-66. [[Crossref](#)]
1068. Jacques Pelkmans. European Union Single Market: Economic Impact 1-9. [[Crossref](#)]
1069. Valeria Costantini, Francesco Crespi. 2010. Public policies for a sustainable energy sector: regulation, diversity and fostering of innovation. *Journal of Evolutionary Economics* . [[Crossref](#)]
1070. K. Baylis, L. Nogueira, K. Pace. 2010. Food Import Refusals: Evidence from the European Union. *American Journal of Agricultural Economics* . [[Crossref](#)]
1071. Zahoor Ul Haq, Karl Meilke. 2010. Does the Linder effect hold for differentiated agri-food and beverage product trade?. *Applied Economics* 1-15. [[Crossref](#)]
1072. Michael E. Waugh. 2010. International Trade and Income Differences. *American Economic Review* 100:5, 2093-2124. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1073. James E. Anderson,, Yoto V. Yotov. 2010. The Changing Incidence of Geography. *American Economic Review* 100:5, 2157-2186. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1074. Alberto Portugal-Perez, José-Daniel Reyes, John S. Wilson. 2010. Beyond the Information Technology Agreement: Harmonisation of Standards and Trade in Electronics. *The World Economy* 33:12, 1870-1897. [[Crossref](#)]
1075. Gilles Dufrenot, Valerie Mignon, Charalambos Tsangarides. 2010. The trade-growth nexus in the developing countries: a quantile regression approach. *Review of World Economics* 146:4, 731-761. [[Crossref](#)]
1076. L. D. Tamini, J.-P. Gervais, B. Larue. 2010. Trade liberalisation effects on agricultural goods at different processing stages. *European Review of Agricultural Economics* 37:4, 453-477. [[Crossref](#)]
1077. Allen Dennis. 2010. Global economic crisis and trade: the role of trade facilitation. *Applied Economics Letters* 17:18, 1753-1757. [[Crossref](#)]
1078. Harald Badinger, Peter Egger. 2010. Horizontal vs. Vertical Interdependence in Multinational Activity*. *Oxford Bulletin of Economics and Statistics* 72:6, 744-768. [[Crossref](#)]
1079. Richard Pomfret, Patricia Sourdin. 2010. Why do trade costs vary?. *Review of World Economics* 146:4, 709-730. [[Crossref](#)]
1080. Viktor Hultgren, Petr Mariel, Carlos Rodríguez González. 2010. Structural Breaks and Spatial Linkages in FDI: Further Evidence in OECD Countries. *Open Economies Review* . [[Crossref](#)]
1081. Innwon Park, Soonchan Park. 2010. Best practices for regional trade agreements. *Review of World Economics* . [[Crossref](#)]
1082. Eelke de Jong, Christian Bogmans. 2010. Does corruption discourage international trade?. *European Journal of Political Economy* . [[Crossref](#)]

1083. Giovanni Peri, Francisco Requena-Silvente. 2010. The trade creation effect of immigrants: evidence from the remarkable case of Spain. *Canadian Journal of Economics/Revue canadienne d'économique* 43:4, 1433-1459. [[Crossref](#)]
1084. Martina Lawless. 2010. Deconstructing gravity: trade costs and extensive and intensive margins. *Canadian Journal of Economics/Revue canadienne d'économique* 43:4, 1149-1172. [[Crossref](#)]
1085. Marie Daumal, Soledad Zignago. 2010. Measure and determinants of border effects of Brazilian states. *Papers in Regional Science* 89:4, 735-758. [[Crossref](#)]
1086. Gabriel Felbermayr, Wilhelm Kohler. 2010. Modelling the Extensive Margin of World Trade: New Evidence on GATT and WTO Membership. *The World Economy* 33:11, 1430-1469. [[Crossref](#)]
1087. Francisco Requena, Carlos Llano. 2010. The border effects in Spain: an industry-level analysis. *Empirica* 37:4, 455-476. [[Crossref](#)]
1088. Florin Peci, Mario Holzner, Enver Kutllovci. 2010. Determinants of Kosovo Trade: A Gravity Model Approach. *South East European Journal of Economics and Business* 5:2, 33-41. [[Crossref](#)]
1089. Alexandra Hudson, Bas Straathof. 2010. The Declining Impact of Exchange Rate Volatility on Trade. *De Economist* 158:4, 361-372. [[Crossref](#)]
1090. Davin Chor. 2010. Unpacking sources of comparative advantage: A quantitative approach. *Journal of International Economics* 82:2, 152-167. [[Crossref](#)]
1091. Pascal L. Ghazalian, Ryan Cardwell. 2010. Did the Uruguay Round Agreement on Agriculture Affect Trade Flows? An Empirical Investigation for Meat Commodities. *International Advances in Economic Research* 16:4, 331-344. [[Crossref](#)]
1092. David S Jacks, Krishna Pendakur. 2010. Global Trade and the Maritime Transport Revolution. *Review of Economics and Statistics* 92:4, 745-755. [[Crossref](#)]
1093. Pushan Dutt, Daniel Traca. 2010. Corruption and Bilateral Trade Flows: Extortion or Evasion?. *Review of Economics and Statistics* 92:4, 843-860. [[Crossref](#)]
1094. Chi Keung Marco Lau, Mehmet Huseyin Bilgin. 2010. Export Conditions of the Chinese Textile Industry: An Analysis in Comparison with Selected ASEAN Countries. *Textile Research Journal* 80:19, 2028-2045. [[Crossref](#)]
1095. Oxana Babecká Kucharčuková, Jan Babecký, Martin Raiser. 2010. Gravity Approach for Modelling International Trade in South-Eastern Europe and the Commonwealth of Independent States: The Role of Geography, Policy and Institutions. *Open Economies Review* . [[Crossref](#)]
1096. Nicolas Sauter. 2010. Talking trade: language barriers in intra-Canadian commerce. *Empirical Economics* . [[Crossref](#)]
1097. Katja Neugebauer. 2010. Schockübertragung und Drittländereffekte auf inter-nationalen Bankenmärkten. *Vierteljahrshefte zur Wirtschaftsforschung* 79:4, 59-74. [[Crossref](#)]
1098. L. Sun, M. R. Reed. 2010. Impacts of Free Trade Agreements on Agricultural Trade Creation and Trade Diversion. *American Journal of Agricultural Economics* 92:5, 1351-1363. [[Crossref](#)]
1099. Peter Egger, Douglas Nelson. 2010. How Bad Is Antidumping? Evidence from Panel Data. *Review of Economics and Statistics* 110823094915005. [[Crossref](#)]
1100. J.M.C. Santos Silva, Silvana Teneyro. 2010. Currency Unions in Prospect and Retrospect. *Annual Review of Economics* 2:1, 51-74. [[Crossref](#)]
1101. Anna Maria Mayda. 2010. International migration: a panel data analysis of the determinants of bilateral flows. *Journal of Population Economics* 23:4, 1249-1274. [[Crossref](#)]
1102. R. S. Grossman, C. M. Meissner. 2010. International aspects of the Great Depression and the crisis of 2007: similarities, differences, and lessons. *Oxford Review of Economic Policy* 26:3, 318-338. [[Crossref](#)]

1103. Daniele Fabbri, Silvana Robone. 2010. The geography of hospital admission in a national health service with patient choice. *Health Economics* 19:9, 1029-1047. [[Crossref](#)]
1104. FRANÇOISE DELISLE, RICHARD SHEARMUR. 2010. Where does all the talent flow? Migration of young graduates and nongraduates, Canada 1996-2001. *Canadian Geographer / Le Géographe canadien* 54:3, 305-323. [[Crossref](#)]
1105. Jayjit Roy. 2010. Do Customs Union Members Engage in More Bilateral Trade than Free-Trade Agreement Members?. *Review of International Economics* 18:4, 663-681. [[Crossref](#)]
1106. Eric C.Y. Ng. 2010. Production fragmentation and business-cycle comovement#. *Journal of International Economics* 82:1, 1-14. [[Crossref](#)]
1107. D'Artis Kancs. 2010. Structural Estimation of Variety Gains from Trade Integration in Asia. *Australian Economic Review* 43:3, 270-288. [[Crossref](#)]
1108. Fritz Breuss, Peter Egger, Michael Pfaffermayr. 2010. Structural funds, EU enlargement, and the redistribution of FDI in Europe. *Review of World Economics* 146:3, 469-494. [[Crossref](#)]
1109. Boopen Seetanah, Ramesh Durbarry, J.F. Nicolas Ragodoo. 2010. Using the Panel Cointegration Approach to Analyse the Determinants of Tourism Demand in South Africa. *Tourism Economics* 16:3, 715-729. [[Crossref](#)]
1110. Johannes Moenius, Daniel Berkowitz. 2010. Law, trade, and development#. *Journal of Development Economics* . [[Crossref](#)]
1111. Juan Carlos Hallak. 2010. A Product-Quality View of the Linder Hypothesis. *Review of Economics and Statistics* 92:3, 453-466. [[Crossref](#)]
1112. Samuel Brazys. 2010. Race to give? The selective effectiveness of United States trade capacity building assistance. *Review of International Political Economy* 17:3, 537-561. [[Crossref](#)]
1113. Peng Wang. Vitality Construction of Civil Servant System in Western Regions 1-4. [[Crossref](#)]
1114. Keith Head, John Ries. 2010. Do trade missions increase trade?. *Canadian Journal of Economics/Revue canadienne d'économique* 43:3, 754-775. [[Crossref](#)]
1115. Apanard Penny Angkinand, Clas Wihlborg. 2010. The Impact of Monetary Regimes on International Trade. *Review of Market Integration* 2:2-3, 255-290. [[Crossref](#)]
1116. Ting Chi, Peter P.D. Kilduff. 2010. An empirical investigation of the determinants and shifting patterns of US apparel imports using a gravity model framework. *Journal of Fashion Marketing and Management: An International Journal* 14:3, 501-520. [[Crossref](#)]
1117. KICHUN KANG. 2010. OVERSEAS NETWORK OF EXPORT PROMOTION AGENCY AND EXPORT PERFORMANCE: THE KOREAN CASE. *Contemporary Economic Policy* no-no. [[Crossref](#)]
1118. Edward J. Balistreri, Ayed Al-Qahtani, Carol A. Dahl. 2010. Oil and Petroleum Product Armington Elasticities: A New-Geography-of-Trade Approach to Estimation. *The Energy Journal* 31:3. . [[Crossref](#)]
1119. Chengang Wang, Yingqi Wei, Xiaming Liu. 2010. Determinants of Bilateral Trade Flows in OECD Countries: Evidence from Gravity Panel Data Models. *World Economy* 33:7, 894-915. [[Crossref](#)]
1120. Joseph Francois, Ian Wooton. 2010. Market Structure and Market Access. *World Economy* 33:7, 873-893. [[Crossref](#)]
1121. Peter Gustafsson, Paul Segerstrom. 2010. North-South trade with increasing product variety. *Journal of Development Economics* 92:2, 97-106. [[Crossref](#)]
1122. Xuepeng Liu. 2010. Testing Conflicting Political Economy Theories: Full-Fledged versus Partial-Scope Regional Trade Agreements. *Southern Economic Journal* 77:1, 78-103. [[Crossref](#)]

1123. Carlos Llano, Almudena Esteban, Julian P?rez, Antonio Pulido. 2010. Opening the Interregional Trade ??Black Box??: The C-Intereg Database for the Spanish Economy (1995?2005). *International Regional Science Review* 33:3, 302-337. [[Crossref](#)]
1124. Mohammad Masudur Rahman, Laila Arjuman Ara. 2010. Bangladesh trade potential: a dynamic gravity approach. *Journal of International Trade Law and Policy* 9:2, 130-147. [[Crossref](#)]
1125. Dennis Novy. 2010. Trade Costs and the Open Macroeconomy. *Scandinavian Journal of Economics* no-no. [[Crossref](#)]
1126. Martin A. Andresen. 2010. The Geography of the Canada–United States Border Effect. *Regional Studies* 44:5, 579-594. [[Crossref](#)]
1127. P. Buys, U. Deichmann, D. Wheeler. 2010. Road Network Upgrading and Overland Trade Expansion in Sub-Saharan Africa. *Journal of African Economies* 19:3, 399-432. [[Crossref](#)]
1128. Alberto Behar, Phil Manners. 2010. Distance to Growing Markets and Sub-Saharan African Exports*. *African Development Review* 22:2, 316-330. [[Crossref](#)]
1129. Denis Medvedev. 2010. Preferential trade agreements and their role in world trade. *Review of World Economics* 146:2, 199-222. [[Crossref](#)]
1130. Giorgio Fagiolo. 2010. The international-trade network: gravity equations and topological properties. *Journal of Economic Interaction and Coordination* 5:1, 1-25. [[Crossref](#)]
1131. Hiau Looi Kee, Hong Ma, Muthukumara Mani. 2010. The Effects of Domestic Climate Change Measures on International Competitiveness. *World Economy* 33:6, 820-829. [[Crossref](#)]
1132. Reza Y Siregar, Keen Meng Choy. 2010. Determinants of International Bank Lending from the Developed World to East Asia. *IMF Staff Papers* 57:2, 484-516. [[Crossref](#)]
1133. Kuo-I CHANG, Kazunobu HAYAKAWA. 2010. BORDER BARRIERS IN AGRICULTURAL TRADE AND THE IMPACT OF THEIR ELIMINATION: EVIDENCE FROM EAST ASIA. *The Developing Economies* 48:2, 232-246. [[Crossref](#)]
1134. MARTIN A. ANDRESEN. 2010. Canada–United States interregional trade: quasi-points and spatial change. *The Canadian Geographer / Le Géographe canadien* 54:2, 139-157. [[Crossref](#)]
1135. Štefan Bojnec, Imre Fertő. 2010. Internet and international food industry trade. *Industrial Management & Data Systems* 110:5, 744-761. [[Crossref](#)]
1136. Martin Gassebner, Alexander Keck, Robert Teh. 2010. Shaken, Not Stirred: The Impact of Disasters on International Trade. *Review of International Economics* 18:2, 351-368. [[Crossref](#)]
1137. Richard Frensch. 2010. Trade Liberalization and Import Margins. *Emerging Markets Finance and Trade* 46:3, 4-22. [[Crossref](#)]
1138. Andreas Moxnes. 2010. Are sunk costs in exporting country specific?. *Canadian Journal of Economics/Revue canadienne d'économique* 43:2, 467-493. [[Crossref](#)]
1139. Shang-Jin Wei, Zhiwei Zhang. 2010. Do external interventions work? The case of trade reform conditions in IMF supported programs#. *Journal of Development Economics* 92:1, 71-81. [[Crossref](#)]
1140. Keith Head, Thierry Mayer, John Ries. 2010. The erosion of colonial trade linkages after independence. *Journal of International Economics* 81:1, 1-14. [[Crossref](#)]
1141. Chang Hoon Oh, Rafael Reuveny. 2010. Climatic natural disasters, political risk, and international trade. *Global Environmental Change* 20:2, 243-254. [[Crossref](#)]
1142. Yao Li, Christopher Edmonds. China's Bilateral Trade Intensity 5110-5113. [[Crossref](#)]
1143. Matthias Busse, Jens Königer, Peter Nunnenkamp. 2010. FDI promotion through bilateral investment treaties: more than a bit?. *Review of World Economics* 146:1, 147-177. [[Crossref](#)]
1144. Maria Bas, Ivan Ledezma. 2010. Trade integration and within-plant productivity evolution in Chile. *Review of World Economics* 146:1, 113-146. [[Crossref](#)]

1145. A. C. Disdier, S. Marette. 2010. The Combination of Gravity and Welfare Approaches for Evaluating Nontariff Measures. *American Journal of Agricultural Economics* **92**:3, 713-726. [[Crossref](#)]
1146. PETER DEBAERE. 2010. Small fish–big issues: the effect of trade policy on the global shrimp market. *World Trade Review* **9**:02, 353-374. [[Crossref](#)]
1147. Christian Volpe Martincus, Antoni Estevadeordal, Andrés Gallo, Jessica Luna. 2010. Information barriers, export promotion institutions, and the extensive margin of trade. *Review of World Economics* **146**:1, 91-111. [[Crossref](#)]
1148. RICHARD POMFRET, PATRICIA SOURDIN. 2010. TRADE FACILITATION AND THE MEASUREMENT OF TRADE COSTS. *Journal of International Commerce, Economics and Policy* **01**:01, 145-163. [[Crossref](#)]
1149. Azmat Gani. 2010. Distance is a friction to Pacific Island countries' trade with the USA. *Journal of International Trade Law and Policy* **9**:1, 97-101. [[Crossref](#)]
1150. Laura Márquez-Ramos, Inmaculada Martínez-Zarzoso, Eva Pérez-García, Gordon Wilmsmeier. 2010. “Special Issue on Latin-American Research” Maritime Networks, Services Structure and Maritime Trade. *Networks and Spatial Economics* . [[Crossref](#)]
1151. Kei-Mu Yi. 2010. Can Multistage Production Explain the Home Bias in Trade?. *American Economic Review* **100**:1, 364-393. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1152. Miaojie Yu. 2010. Trade, democracy, and the gravity equation#. *Journal of Development Economics* **91**:2, 289-300. [[Crossref](#)]
1153. Jong-Wha Lee, Kwanho Shin. 2010. Exchange Rate Regimes and Economic Linkages. *International Economic Journal* **24**:1, 1-23. [[Crossref](#)]
1154. Maria Cipollina, Luca Salvatici. 2010. The trade impact of European Union agricultural preferences. *Journal of Economic Policy Reform* **13**:1, 87-106. [[Crossref](#)]
1155. Nihal Pitigala. 2010. Global Economic Crisis and Developing Countries. *South Asia Economic Journal* **11**:1, 1-20. [[Crossref](#)]
1156. María Santana-Gallego, Francisco J. Ledesma-Rodríguez, Jorge V. Pérez-Rodríguez. 2010. Exchange Rate Regimes and Tourism. *Tourism Economics* **16**:1, 25-43. [[Crossref](#)]
1157. Peter Egger. 2010. Bilateral FDI potentials for Austria. *Empirica* **37**:1, 5-17. [[Crossref](#)]
1158. Simeon Djankov, Caroline Freund, Cong S Pham. 2010. Trading on Time. *Review of Economics and Statistics* **92**:1, 166-173. [[Crossref](#)]
1159. Maria Cipollina, Luca Salvatici. 2010. Reciprocal Trade Agreements in Gravity Models: A Meta-Analysis. *Review of International Economics* **18**:1, 63-80. [[Crossref](#)]
1160. Alberto Salvo. 2010. Trade flows in a spatial oligopoly: gravity fits well, but what does it explain?. *Canadian Journal of Economics/Revue canadienne d'économique* **43**:1, 63-96. [[Crossref](#)]
1161. Christopher Balding. 2010. Joining the World Trade Organization: What is the Impact?. *Review of International Economics* **18**:1, 193-206. [[Crossref](#)]
1162. Reuven Glick, Alan M Taylor. 2010. Collateral Damage: Trade Disruption and the Economic Impact of War. *Review of Economics and Statistics* **92**:1, 102-127. [[Crossref](#)]
1163. Andreas Hatzigeorgiou. 2010. Migration as Trade Facilitation: Assessing the Links between International Trade and Migration. *The B.E. Journal of Economic Analysis & Policy* **10**:1. . [[Crossref](#)]
1164. Udo Broll, Andreas Förster, Stephan Rudolph. 2010. Die Handelskosten von Deutschland. *Review of Economics* **61**:2. . [[Crossref](#)]
1165. Claudia M. Buch, Paola Monti. 2010. Openness and income disparities: does trade explain the “Mezzogiorno effect”?. *Review of World Economics* **145**:4, 667-688. [[Crossref](#)]

1166. Jérôme Trotignon. 2010. La Restriction des émissions de CO pénalise-t-elle les exportations? Un modèle de gravité avec données de panel et variables muettes régionales. *L'Actualité économique* 86:1, 5. [[Crossref](#)]
1167. Frédérique Festoc-Louis, Nolwenn Roudaut. Is European Trade Integration Completed? Perspectives for CEE Countries 170-185. [[Crossref](#)]
1168. Azmat Gani. 2010. Some Aspects of Trade between Australia and Pacific Island Countries. *World Economy* 33:1, 89-106. [[Crossref](#)]
1169. IMF. Research Dept.. World Economic Outlook, October 2010: Recovery, Risk, and Rebalancing . [[Crossref](#)]
1170. Theo S. Eicher, Christian Henn, Chris Papageorgiou. 2010. Trade creation and diversion revisited: accounting for model uncertainty and natural trading partner effects. *Journal of Applied Econometrics* n/a-n/a. [[Crossref](#)]
1171. International Monetary Fund. World Economic Outlook, October 2010: Recovery, Risk, and Rebalancing . [[Crossref](#)]
1172. Anne-Célia Disdier, Silvio H. T. Tai, Lionel Fontagné, Thierry Mayer. 2010. Bilateral trade of cultural goods. *Review of World Economics* 145:4, 575-595. [[Crossref](#)]
1173. Cemal Atici, Goksel Armagan, Renan Tunalioglu, Gokhan Cinar. 2010. Does Turkey's integration into the European Union boost its agricultural exports?. *Agribusiness* n/a-n/a. [[Crossref](#)]
1174. Gabriel Felbermayr, Wilhelm Kohler. Does WTO Membership Make a Difference at the Extensive Margin of World Trade? 217-246. [[Crossref](#)]
1175. T. S. Aidt, M. Gassebner. 2010. Do Autocratic States Trade Less?. *The World Bank Economic Review* 24:1, 38-76. [[Crossref](#)]
1176. Assem Abu Hatab, Eirik Romstad, Xuexi Huo. 2010. Determinants of Egyptian Agricultural Exports: A Gravity Model Approach. *Modern Economy* 01:03, 134-143. [[Crossref](#)]
1177. Marcel Fratzscher, Jean Imbs. 2009. Risk sharing, finance, and institutions in international portfolios#. *Journal of Financial Economics* 94:3, 428-447. [[Crossref](#)]
1178. Matthew Potoski, Aseem Prakash. 2009. Information asymmetries as trade barriers: ISO 9000 increases international commerce. *Journal of Policy Analysis and Management* 28:2, 221-238. [[Crossref](#)]
1179. Li Chuang. An Empirical Study on the Affecting Factors of China's Textiles Importing Growth 159-162. [[Crossref](#)]
1180. Götz Zeddi. 2009. Warum exportiert der Osten so wenig? Eine empirische Analyse der Exportaktivitäten deutscher Bundesländer. *AStA Wirtschafts- und Sozialstatistisches Archiv* 3:4, 241-264. [[Crossref](#)]
1181. Markus Lampe. 2009. Effects of Bilateralism and the MFN Clause on International Trade: Evidence for the Cobden-Chevalier Network, 1860-1875. *The Journal of Economic History* 69:04, 1012. [[Crossref](#)]
1182. Patrick M. Krueger, Tajudaullah Bhaloo, Pauline Vaillancourt Rosenau. 2009. Health Lifestyles in the United States and Canada: Are We Really So Different?. *Social Science Quarterly* 90:5, 1380-1402. [[Crossref](#)]
1183. Sylvia Heuchemer, Stefanie Kleimeier, Harald Sander. 2009. The Determinants of Cross-Border Lending in the Euro Zone. *Comparative Economic Studies* 51:4, 467-499. [[Crossref](#)]
1184. Pascal L. Ghazalian, Bruno Larue, Jean-Philippe Gervais. 2009. Exporting to new destinations and the effects of tariffs: the case of meat commodities. *Agricultural Economics* 40:6, 701-714. [[Crossref](#)]
1185. Martin Andresen. 2009. The border puzzle is solved. *Applied Economics Letters* 16:16, 1617-1620. [[Crossref](#)]

1186. W. Czubala, B. Shepherd, J. S. Wilson. 2009. Help or Hindrance? The Impact of Harmonised Standards on African Exports. *Journal of African Economies* 18:5, 711-744. [[Crossref](#)]
1187. N. B. Villoria. 2009. China and the Manufacturing Terms-of-Trade of African Exporters. *Journal of African Economies* 18:5, 781-823. [[Crossref](#)]
1188. Charalambos Tsangarides, Pierre Ewencyk, Michal Hulej, Mahvash Saeed Qureshi. 2009. Are Africa's Currency Unions Good for Trade?. *IMF Staff Papers* 56:4, 876-918. [[Crossref](#)]
1189. Michele Fratianni, Chang Hoon Oh. 2009. Size of regional trade agreements and regional trade bias. *Applied Economics Letters* 16:16, 1603-1606. [[Crossref](#)]
1190. Vijay Vemuri, Shahid Siddiqi. 2009. Impact of Commercialization of the Internet on International Trade: A Panel Study Using the Extended Gravity Model. *The International Trade Journal* 23:4, 458-484. [[Crossref](#)]
1191. Marius Brühlhart, Federico Trionfetti. 2009. A test of trade theories when expenditure is home biased#. *European Economic Review* 53:7, 830-845. [[Crossref](#)]
1192. Duo Qin, Tao Tan. 2009. How much intraregional exchange rate variability could a currency union remove? The case of ASEAN+3. *Journal of Banking & Finance* 33:10, 1793-1803. [[Crossref](#)]
1193. Jarko Fidrmuc. 2009. Gravity models in integrated panels. *Empirical Economics* 37:2, 435-446. [[Crossref](#)]
1194. Volker Nitsch. 2009. Terrorismus und internationaler Handel: Probleme und Ergebnisse empirischer Untersuchungen. *Vierteljahrshefte zur Wirtschaftsforschung* 78:4, 41-50. [[Crossref](#)]
1195. Claudia M. Buch, Farid Toubal. 2009. Openness and growth: The long shadow of the Berlin Wall. *Journal of Macroeconomics* 31:3, 409-422. [[Crossref](#)]
1196. Kuang-Hann Chou, Chien-Hsun Chen, Chao-Cheng Mai. 2009. A Geospatial Analysis of China's Exports, 1991-2008. *Eurasian Geography and Economics* 50:5, 532-546. [[Crossref](#)]
1197. Ernst Baltensperger, Nils Herger. 2009. Exporting against Risk? Theory and Evidence from Public Export Insurance Schemes in OECD Countries. *Open Economies Review* 20:4, 545-563. [[Crossref](#)]
1198. Michele Fratianni, Chang Hoon Oh. 2009. Expanding RTAs, trade flows, and the multinational enterprise. *Journal of International Business Studies* 40:7, 1206-1227. [[Crossref](#)]
1199. Nelson Villoria. 2009. China's Growth and the Agricultural Exports of Sub-Saharan Southern Africa. *The European Journal of Development Research* 21:4, 531-550. [[Crossref](#)]
1200. Yann Richard, Christine Tobelem Zanin. 2009. L'Europe dans la régionalisation de l'espace mondial. *Géocarrefour* :Vol. 84/3, 137-149. [[Crossref](#)]
1201. Julian di Giovanni, Andrei A Levchenko. 2009. Trade Openness and Volatility. *Review of Economics and Statistics* 91:3, 558-585. [[Crossref](#)]
1202. Jiawen Yang, Hossein Askari, John Forrer, Lili Zhu. 2009. How Do US Economic Sanctions Affect EU's Trade with Target Countries?. *World Economy* 32:8, 1223-1244. [[Crossref](#)]
1203. Felicitas Nowak-Lehmann D., Inmaculada Martínez-Zarzoso, Stephan Klasen, Dierk Herzer. 2009. Aid and Trade – A Donor's Perspective. *The Journal of Development Studies* 45:7, 1184-1202. [[Crossref](#)]
1204. Inmaculada Martínez-Zarzoso, Felicitas Nowak-Lehmann D., Stephan Klasen, Mario Larch. 2009. Does German Development Aid Promote German Exports?. *German Economic Review* 10:3, 317-338. [[Crossref](#)]
1205. Xuepeng Liu. 2009. GATT/WTO Promotes Trade Strongly: Sample Selection and Model Specification. *Review of International Economics* 17:3, 428-446. [[Crossref](#)]

1206. MAURICE J. G. BUN, FRANC J. G. M. KLAASSEN, G. K. RANDOLPH TAN. 2009. FREE TRADE AREAS AND INTRA-REGIONAL TRADE: THE CASE OF ASEAN. *The Singapore Economic Review* 54:03, 319-334. [[Crossref](#)]
1207. Joseph Francois, Julia Woerz. 2009. Non-linear panel estimation of import quotas: The evolution of quota premiums under the ATC#. *Journal of International Economics* 78:2, 181-191. [[Crossref](#)]
1208. Silvio H. T. Tai. 2009. Market structure and the link between migration and trade. *Review of World Economics* 145:2, 225-249. [[Crossref](#)]
1209. ALBERTO PORTUGAL-PEREZ, JOHN S. WILSON. 2009. Why trade facilitation matters to Africa. *World Trade Review* 8:03, 379-416. [[Crossref](#)]
1210. Vincent Vicard. 2009. On trade creation and regional trade agreements: does depth matter?. *Review of World Economics* 145:2, 167-187. [[Crossref](#)]
1211. Harry Garretsen, Jolanda Peeters. 2009. FDI and the relevance of spatial linkages: do third-country effects matter for Dutch FDI?. *Review of World Economics* 145:2, 319-338. [[Crossref](#)]
1212. Felipa de Mello-Sampayo. 2009. Competing-destinations gravity model: an application to the geographic distribution of FDI. *Applied Economics* 41:17, 2237-2253. [[Crossref](#)]
1213. Thomas L. Vollrath, Mark J. Gehlhar, Charles B. Hallahan. 2009. Bilateral Import Protection, Free Trade Agreements, and Other Factors Influencing Trade Flows in Agriculture and Clothing. *Journal of Agricultural Economics* 60:2, 298-317. [[Crossref](#)]
1214. Alessandro Olper, Valentina Raimondi. 2009. Patterns and Determinants of International Trade Costs in the Food Industry. *Journal of Agricultural Economics* 60:2, 273-297. [[Crossref](#)]
1215. Alexandre Gohin, Fabienne Féménia. 2009. Estimating Price Elasticities of Food Trade Functions: How Relevant is the CES-based Gravity Approach?. *Journal of Agricultural Economics* 60:2, 253-272. [[Crossref](#)]
1216. Boriss Siliverstovs, Dieter Schumacher. 2009. Estimating gravity equations: to log or not to log?. *Empirical Economics* 36:3, 645-669. [[Crossref](#)]
1217. Martijn Burger, Frank van Oort, Gert-Jan Linders. 2009. On the Specification of the Gravity Model of Trade: Zeros, Excess Zeros and Zero-inflated Estimation. *Spatial Economic Analysis* 4:2, 167-190. [[Crossref](#)]
1218. Miriam Manchin, Anna Maria Pinna. 2009. Border effects in the enlarged EU area: evidence from imports to accession countries. *Applied Economics* 41:14, 1835-1854. [[Crossref](#)]
1219. Innwon Park, Soonchan Park. 2009. Free Trade Agreements versus Customs Unions: An Examination of East Asia *. *Asian Economic Papers* 8:2, 119-139. [[Crossref](#)]
1220. Brent Neiman, Phillip Swagel. 2009. The impact of post-9/11 visa policies on travel to the United States. *Journal of International Economics* 78:1, 86-99. [[Crossref](#)]
1221. Marie M. Stack. 2009. Regional Integration and Trade: Controlling for Varying Degrees of Heterogeneity in the Gravity Model. *World Economy* 32:5, 772-789. [[Crossref](#)]
1222. Günther Fischer, Tatiana Ermolieva, Yuri Ermoliev, Laixiang Sun. 2009. Risk-adjusted approaches for planning sustainable agricultural development. *Stochastic Environmental Research and Risk Assessment* 23:4, 441-450. [[Crossref](#)]
1223. Morgan Kelly. 2009. TECHNOLOGICAL PROGRESS UNDER LEARNING BY IMITATION. *International Economic Review* 50:2, 397-414. [[Crossref](#)]
1224. Javad Abedini, Nicolas Péridy. 2009. The Emergence of Iran in the World Car Industry: An Estimation of its Export Potential. *World Economy* 32:5, 790-818. [[Crossref](#)]

1225. Roger White. 2009. Immigration, Trade and Home Country Development: State-Level Variation in the US Immigrant-Export Link. *Journal of International Migration and Integration / Revue de l'integration et de la migration internationale* 10:2, 121-143. [[Crossref](#)]
1226. Joshua Aizenman, Yothin Jinjarak. 2009. Globalisation and Developing Countries – a Shrinking Tax Base?. *The Journal of Development Studies* 45:5, 653-671. [[Crossref](#)]
1227. Galina An, Thitima Puttitanun. 2009. Revisiting McCallum's Border Puzzle. *Economic Development Quarterly* 23:2, 167-170. [[Crossref](#)]
1228. Natalia Chernyshoff, David S. Jacks, Alan M. Taylor. 2009. Stuck on gold: Real exchange rate volatility and the rise and fall of the gold standard, 1875-1939#. *Journal of International Economics* 77:2, 195-205. [[Crossref](#)]
1229. Orlando Monteiro da Silva, Fernanda Maria de Almeida. 2009. O viés doméstico no comércio interestadual de produtos florestais no Brasil. *Revista Árvore* 33:2, 367-375. [[Crossref](#)]
1230. Matthias Helble, Ben Shepherd, John S. Wilson. 2009. Transparency and Regional Integration in the Asia Pacific. *World Economy* 32:3, 479-508. [[Crossref](#)]
1231. Martin A. Andresen. 2009. The geographical effects of the NAFTA on Canadian provinces. *The Annals of Regional Science* 43:1, 251-265. [[Crossref](#)]
1232. N COEURDACIER. 2009. Do trade costs in goods market lead to home bias in equities?. *Journal of International Economics* 77:1, 86-100. [[Crossref](#)]
1233. Matthieu Bussière, Bernd Schnatz. 2009. Evaluating China's Integration in World Trade with a Gravity Model Based Benchmark. *Open Economies Review* 20:1, 85-111. [[Crossref](#)]
1234. S BAIER, J BERGSTRAND. 2009. Estimating the effects of free trade agreements on international trade flows using matching econometrics. *Journal of International Economics* 77:1, 63-76. [[Crossref](#)]
1235. S BAIER, J BERGSTRAND. 2009. Bonus vetus OLS: A simple method for approximating international trade-cost effects using the gravity equation#. *Journal of International Economics* 77:1, 77-85. [[Crossref](#)]
1236. Jen Baggs. 2009. International Trade in Hazardous Waste. *Review of International Economics* 17:1, 1-16. [[Crossref](#)]
1237. Ali Hortaçsu,, F. Asís Martínez-Jerez,, Jason Douglas. 2009. The Geography of Trade in Online Transactions: Evidence from eBay and MercadoLibre. *American Economic Journal: Microeconomics* 1:1, 53-74. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1238. Yuriy Gorodnichenko,, Linda L. Tesar. 2009. Border Effect or Country Effect? Seattle May Not Be so Far from Vancouver After All. *American Economic Journal: Macroeconomics* 1:1, 219-241. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1239. Christian Henn, Theo S. Eicher. 2009. One Money, one Market: A Revised Benchmark. *IMF Working Papers* 09:186, 1. [[Crossref](#)]
1240. Giorgio Fazio. EMU and the Euro-Mediterranean Dialogue: Trade Interdependence between Mediterranean and Euro-area Countries 89-109. [[Crossref](#)]
1241. José De Sousa, Olivier Lamotte. 2009. Séparation politique et désintégration commerciale. *Revue économique* 60:4, 891. [[Crossref](#)]
1242. Kazuko Shirono. 2009. Yen Bloc or Yuan Bloc: An Analysis of Currency Arrangements in East Asia. *IMF Working Papers* 09:3, 1. [[Crossref](#)]
1243. Theo S. Eicher, Christian Henn. 2009. In Search of WTO Trade Effects: Preferential Trade Agreements Promote Trade Strongly, But Unevenly. *IMF Working Papers* 09:31, 1. [[Crossref](#)]
1244. Mahvash Saeed Qureshi. 2009. Trade and Thy Neighbor's War. *IMF Working Papers* 09:283, 1. [[Crossref](#)]

1245. Nicolas Coeurdacier, Roberto A. De Santis, Antonin Aviat. 2009. Cross-border mergers and acquisitions and European integration. *Economic Policy* 24:57, 55-106. [[Crossref](#)]
1246. Shaomin Li, Darryl P. Samsell. 2009. Why Some Countries Trade More Than Others: The Effect of the Governance Environment on Trade Flows. *Corporate Governance: An International Review* 17:1, 47-61. [[Crossref](#)]
1247. Sérgio Leusin Jr., André Filipe Zago de Azevedo. 2009. O efeito fronteira das regiões brasileiras: uma aplicação do modelo gravitacional. *Revista de Economia Contemporânea* 13:2, 229-258. [[Crossref](#)]
1248. Ruwan Jayathilaka, Nandasiri Keembiyahetti. 2009. Adverse Selection Effect for South Asian Countries in FTA Formation. *South Asia Economic Journal* 10:1, 1-30. [[Crossref](#)]
1249. Abe Kazutomo, Wilson John S.. 2008. Trade, Transparency, and Welfare in the Asia Pacific. *Journal of East Asian Economic Integration* 12:2, 35-78. [[Crossref](#)]
1250. Innwon Park, Soonchan Park. 2008. REFORM CREATING REGIONAL TRADE AGREEMENTS AND FOREIGN DIRECT INVESTMENT: APPLICATIONS FOR EAST ASIA. *Pacific Economic Review* 13:5, 550-566. [[Crossref](#)]
1251. Jong-Wha Lee, Innwon Park, Kwanho Shin. 2008. Proliferating Regional Trade Arrangements: Why and Whither?. *World Economy* 31:12, 1525-1557. [[Crossref](#)]
1252. Vicente Pinilla, Raúl Serrano. 2008. The Agricultural and Food Trade in the First Globalization: Spanish Table Wine Exports 1871 to 1935 – A Case Study. *Journal of Wine Economics* 3:02, 132-148. [[Crossref](#)]
1253. Daniel Berkowitz, Johannes Moenius. 2008. Law, Trade and the Asian Miracle. *Asia-Pacific Journal of Accounting & Economics* 15:3, 291-315. [[Crossref](#)]
1254. C. Emlinger, F. Jacquet, E. C. Lozza. 2008. Tariffs and other trade costs: assessing obstacles to Mediterranean countries' access to EU-15 fruit and vegetable markets. *European Review of Agricultural Economics* 35:4, 409-438. [[Crossref](#)]
1255. P EGGER, M LARCH. 2008. Interdependent preferential trade agreement memberships: An empirical analysis#. *Journal of International Economics* 76:2, 384-399. [[Crossref](#)]
1256. Peter Egger, Rainer Lanz. 2008. The Determinants of GATS Commitment Coverage. *World Economy* 31:12, 1666-1694. [[Crossref](#)]
1257. Isabel Proença, Maria Paula Fontoura, Enrique Martínez-Galán. 2008. Trade in the enlarged European Union: a new approach on trade potential. *Portuguese Economic Journal* 7:3, 205-224. [[Crossref](#)]
1258. Stephen J. Redding,, Daniel M. Sturm. 2008. The Costs of Remoteness: Evidence from German Division and Reunification. *American Economic Review* 98:5, 1766-1797. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1259. G.-J. M. Linders, M. J. Burger, F. G. van Oort. 2008. A rather empty world: the many faces of distance and the persistent resistance to international trade. *Cambridge Journal of Regions, Economy and Society* 1:3, 439-458. [[Crossref](#)]
1260. C EDMONDS, S LACROIX, Y LI. 2008. China trade: Busting gravity's bounds. *Journal of Asian Economics* 19:5-6, 455-466. [[Crossref](#)]
1261. Bernhard Herz, Marco Wagner. 2008. Exportweltmeister Deutschland - ein Sommermärchen?. *Perspektiven der Wirtschaftspolitik* 9:4, 446-464. [[Crossref](#)]
1262. Ivan T. Kandilov. 2008. The Effects of Exchange Rate Volatility on Agricultural Trade. *American Journal of Agricultural Economics* 90:4, 1028-1043. [[Crossref](#)]
1263. Kris James Mitchener, Marc Weidenmier. 2008. Trade and Empire*. *The Economic Journal* 118:533, 1805-1834. [[Crossref](#)]

1264. Giorgio Fazio, Ronald MacDonald, Jacques Melitz. 2008. Trade Costs, Trade Balances and Current Accounts: An Application of Gravity to Multilateral Trade. *Open Economies Review* 19:5, 557-578. [[Crossref](#)]
1265. Edward D. Mansfield, Eric Reinhardt. 2008. International Institutions and the Volatility of International Trade. *International Organization* 62:04, 621. [[Crossref](#)]
1266. Weiwen Xiong, Liang Chen, Shouping Gui, Zhiyong Zhang. Cooperative Intensity of Logistics Enterprises in Region 1-4. [[Crossref](#)]
1267. EDWARD J. BALISTRERI, RUSSELL H. HILLBERRY. 2008. THE GRAVITY MODEL: AN ILLUSTRATION OF STRUCTURAL ESTIMATION AS CALIBRATION. *Economic Inquiry* 46:4, 511-527. [[Crossref](#)]
1268. T. Huw Edwards. 2008. Implicit trade Costs and European single market enlargement. *Applied Economics* 40:20, 2601-2613. [[Crossref](#)]
1269. Bedassa Tadesse, Bichaka Fayissa. 2008. The impact of African growth and opportunity act (Agoa) on U.S. imports from Sub-Saharan Africa (SSA). *Journal of International Development* 20:7, 920-941. [[Crossref](#)]
1270. Alemayehu Geda, Atnafu G. Meskel. 2008. China and India's Growth Surge: Is it a curse or blessing for Africa The Case of Manufactured Exports. *African Development Review* 20:2, 247-272. [[Crossref](#)]
1271. Ansgar Belke, Julia Spies. 2008. Enlarging the EMU to the east: what effects on trade?. *Empirica* 35:4, 369-389. [[Crossref](#)]
1272. Salvador Gil, Rafael Llorca, J. Antonio Martínez-Serrano. 2008. Assessing the Enlargement and Deepening of the European Union. *World Economy* 31:9, 1253-1272. [[Crossref](#)]
1273. Alessandro Olper, Valentina Raimondi. 2008. Explaining National Border Effects in the QUAD Food Trade. *Journal of Agricultural Economics* 59:3, 436-462. [[Crossref](#)]
1274. Suresh Moktan. 2008. Evaluating the Intra-regional Exports and Trade Creation and Trade Diversion Effects of Trade Agreements in SAARC Countries. *South Asia Economic Journal* 9:2, 233-260. [[Crossref](#)]
1275. Thomas Chaney. 2008. Distorted Gravity: The Intensive and Extensive Margins of International Trade. *American Economic Review* 98:4, 1707-1721. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1276. Maggie Xiaoyang Chen, Aaditya Mattoo. 2008. Regionalism in standards: good or bad for trade?. *Canadian Journal of Economics/Revue canadienne d'économique* 41:3, 838-863. [[Crossref](#)]
1277. Matthieu Bussière, Jarko Fidrmuc, Bernd Schnatz. 2008. EU Enlargement and Trade Integration: Lessons from a Gravity Model. *Review of Development Economics* 12:3, 562-576. [[Crossref](#)]
1278. Roger White, Bedassa Tadesse. 2008. Cultural Distance and the US Immigrant-Trade Link. *World Economy* 31:8, 1078-1096. [[Crossref](#)]
1279. Jason H. Grant, Dayton M. Lambert. 2008. Do Regional Trade Agreements Increase Members' Agricultural Trade?. *American Journal of Agricultural Economics* 90:3, 765-782. [[Crossref](#)]
1280. Claudio Paiva. 2008. Assessing protectionism and subsidies in agriculture—A gravity approach. *Journal of International Development* 20:5, 628-640. [[Crossref](#)]
1281. Hyun-Hoon Lee, Chung Mo Koo, Euijeong Park. 2008. Are Exports of China, Japan and Korea Diverted in the Major Regional Trading Blocs?. *World Economy* 31:7, 841-860. [[Crossref](#)]
1282. B BALTAGI, P EGGER, M PFAFFERMAYR. 2008. Estimating regional trade agreement effects on FDI in an interdependent world. *Journal of Econometrics* 145:1-2, 194-208. [[Crossref](#)]
1283. Matthew McPherson, William Trumbull. 2008. Rescuing Observed Fixed Effects: Using the Hausman-Taylor Method for Out-of-Sample Trade Projections. *The International Trade Journal* 22:3, 315-340. [[Crossref](#)]

1284. Chong Wha Lee. 2008. Measuring Trade Creating Effects of RTAs: A Fixed Effect Estimation Approach. *Journal of East Asian Economic Integration* 12:1, 139-155. [[Crossref](#)]
1285. M.-S. Schulze, N. Wolf. 2008. On the origins of border effects: insights from the Habsburg Empire. *Journal of Economic Geography* 9:1, 117-136. [[Crossref](#)]
1286. Jamie Partridge, Hartley Furtan. 2008. Immigration Wave Effects on Canada's Trade Flows. *Canadian Public Policy* 34:2, 193-214. [[Crossref](#)]
1287. Yener Kandogan. 2008. Consistent Estimates of Regional Blocs' Trade Effects. *Review of International Economics* 16:2, 301-314. [[Crossref](#)]
1288. Lisa Borgatti. 2008. Pacific islands' bilateral trade: the role of remoteness and of transport costs. *Journal of International Development* 20:4, 486-501. [[Crossref](#)]
1289. Elhanan Helpman, Marc Melitz, Yona Rubinstein. 2008. Estimating Trade Flows: Trading Partners and Trading Volumes *. *Quarterly Journal of Economics* 123:2, 441-487. [[Crossref](#)]
1290. Peter Egger. 2008. On the Role of Distance for Bilateral Trade. *The World Economy* 31:5, 653-662. [[Crossref](#)]
1291. Jun Ruan, Munisamy Gopinath, Steven Buccola. 2008. Welfare Effects of Technological Convergence in Processed Food Industries. *American Journal of Agricultural Economics* 90:2, 447-462. [[Crossref](#)]
1292. David S. Jacks,, Christopher M. Meissner,, Dennis Novy. 2008. Trade Costs, 1870-2000. *American Economic Review* 98:2, 529-534. [[Citation](#)] [[View PDF article](#)] [[PDF with links](#)]
1293. Nguyen Thanh Xuan, Yuqing Xing. 2008. Foreign direct investment and exports The experiences of Vietnam. *The Economics of Transition* 16:2, 183-197. [[Crossref](#)]
1294. Doireann Fitzgerald. 2008. Can trade costs explain why exchange rate volatility does not feed into consumer prices?#. *Journal of Monetary Economics* 55:3, 606-628. [[Crossref](#)]
1295. Scott L. Baier, Jeffrey H. Bergstrand, Peter Egger, Patrick A. McLaughlin. 2008. Do Economic Integration Agreements Actually Work? Issues in Understanding the Causes and Consequences of the Growth of Regionalism. *The World Economy* 31:4, 461-497. [[Crossref](#)]
1296. Sampath Jayasinghe, Rakhal Sarker. 2008. Effects of Regional Trade Agreements on Trade in Agrifood Products: Evidence from Gravity Modeling Using Disaggregated Data. *Review of Agricultural Economics* 30:1, 61-81. [[Crossref](#)]
1297. Daniel J. Henderson, Daniel L. Millimet. 2008. Is gravity linear?. *Journal of Applied Econometrics* 23:2, 137-172. [[Crossref](#)]
1298. Salvador Gil, Rafael Llorca, José A. Martínez Serrano. 2008. Measuring the impact of regional export promotion: The Spanish case. *Papers in Regional Science* 87:1, 139-146. [[Crossref](#)]
1299. Gilles Duranton, Michael Storper. 2008. Rising trade costs? Agglomeration and trade with endogenous transaction costs. *Canadian Journal of Economics/Revue canadienne d'économie* 41:1, 292-319. [[Crossref](#)]
1300. Massimo Del Gatto, Gianmarco I. P. Ottaviano, Marcello Pagnini. 2008. OPENNESS TO TRADE AND INDUSTRY COST DISPERSION: EVIDENCE FROM A PANEL OF ITALIAN FIRMS*. *Journal of Regional Science* 48:1, 97-129. [[Crossref](#)]
1301. Ramesh Durbarry. 2008. Tourism Taxes: Implications for Tourism Demand in the UK. *Review of Development Economics* 12:1, 21-36. [[Crossref](#)]
1302. Anne-Célia Disdier, Keith Head. 2008. The Puzzling Persistence of the Distance Effect on Bilateral Trade. *Review of Economics and Statistics* 90:1, 37-48. [[Crossref](#)]
1303. Robert Vigfusson. 2008. How Does the Border Affect Productivity? Evidence from American and Canadian Manufacturing Industries. *Review of Economics and Statistics* 90:1, 49-64. [[Crossref](#)]

1304. Kaliappa Kalirajan, Swapan Bhattacharya. Free Trade Arrangement Between India and Japan: An Exploratory Analysis 137-151. [[Crossref](#)]
1305. Chris Papageorgiou, Christian Henn, Theo S. Eicher. 2008. Trade Creation and Diversion Revisited: Accounting for Model Uncertainty and Natural Trading Partner Effects. *IMF Working Papers* **08**:66, 1. [[Crossref](#)]
1306. Rafael Romeu. 2008. Vacation Over: Implications for the Caribbean of Opening U.S.-Cuba tourism. *IMF Working Papers* **08**:162, 1. [[Crossref](#)]
1307. Christian Daude, Marcel Fratzscher. 2008. The pecking order of cross-border investment#. *Journal of International Economics* **74**:1, 94-119. [[Crossref](#)]
1308. Andrei A. Levchenko, Julian di Giovanni. 2008. Trade Openness and Volatility. *IMF Working Papers* **08**:146, 1. [[Crossref](#)]
1309. Sergio de Nardis, Roberta De Santis, Claudio Vicarelli. 2008. The Single Currency's Effects on Eurozone Sectoral Trade: Winners and Losers?. *Economics: The Open-Access, Open-Assessment E-Journal* **2**:2008-17, 1. [[Crossref](#)]
1310. Keith Head, John Ries. 2008. FDI as an outcome of the market for corporate control: Theory and evidence#. *Journal of International Economics* **74**:1, 2-20. [[Crossref](#)]
1311. H. Lane David. So You Want to Use a Measure of Openness? 15-32. [[Crossref](#)]
1312. Kaliappa Kalirajan, Kanhaiya Singh. 2008. A Comparative Analysis of China's and India's Recent Export Performances. *Asian Economic Papers* **7**:1, 1-28. [[Crossref](#)]
1313. John H. Rogers. Border Effects 1-4. [[Crossref](#)]
1314. James E. Anderson. International Trade Theory 1-10. [[Crossref](#)]
1315. Jeffrey H. Bergstrand. Trade Costs 1-4. [[Crossref](#)]
1316. Robert C. Feenstra. Gravity Equation 1-6. [[Crossref](#)]
1317. Stephen J. Redding. International Trade, Empirical Approaches to 1-10. [[Crossref](#)]
1318. Roger White. 2007. An Examination of the Danish Immigrant-Trade Link. *International Migration* **45**:5, 61-86. [[Crossref](#)]
1319. Volker Nitsch. 2007. State Visits and International Trade. *The World Economy* **30**:12, 1797-1816. [[Crossref](#)]
1320. Q DO, A LEVCHENKO. 2007. Comparative advantage, demand for external finance, and financial development#. *Journal of Financial Economics* **86**:3, 796-834. [[Crossref](#)]
1321. Orlando M. da Silva, Fernanda M. de Almeida, Bethania M. de Oliveira. 2007. Comércio internacional "x" intranacional no Brasil: medindo o efeito-fronteira. *Nova Economia* **17**:3, 427-439. [[Crossref](#)]
1322. Christos Papazoglou. 2007. Greece's Potential Trade Flows: A Gravity Model Approach. *International Advances in Economic Research* **13**:4, 403-414. [[Crossref](#)]
1323. Michael Tomz, Judith L. Goldstein, Douglas Rivers. 2007. Do We Really Know That the WTO Increases Trade? Comment. *American Economic Review* **97**:5, 2005-2018. [[Citation](#)] [[View PDF article](#)] [[PDF with links](#)]
1324. Jeffrey H. Bergstrand, Peter Egger. 2007. A knowledge-and-physical-capital model of international trade flows, foreign direct investment, and multinational enterprises. *Journal of International Economics* **73**:2, 278-308. [[Crossref](#)]
1325. T. Huw Edwards. 2007. How Globalized Really is European Trade?. *Spatial Economic Analysis* **2**:3, 259-280. [[Crossref](#)]
1326. Slavi T. Slavov. 2007. Innocent or Not-so-innocent Bystanders: Evidence from the Gravity Model of International Trade About the Effects of UN Sanctions on Neighbour Countries. *The World Economy* **30**:11, 1701-1725. [[Crossref](#)]

1327. James R. Markusen, Anthony J. Venables. 2007. Interacting factor endowments and trade costs: A multi-country, multi-good approach to trade theory. *Journal of International Economics* 73:2, 333-354. [[Crossref](#)]
1328. Kazunobu Hayakawa. 2007. GROWTH OF INTERMEDIATE GOODS TRADE IN EAST ASIA. *Pacific Economic Review* 12:4, 511-523. [[Crossref](#)]
1329. Joshua J. Lewer, Hendrik Van den Berg. 2007. Religion and International Trade: Does the Sharing of a Religious Culture Facilitate the Formation of Trade Networks?. *American Journal of Economics and Sociology* 66:4, 765-794. [[Crossref](#)]
1330. José de Sousa, Olivier Lamotte. 2007. Does political disintegration lead to trade disintegration? Evidence from transition countries. *The Economics of Transition* 15:4, 825-843. [[Crossref](#)]
1331. Scott L. Baier, Jeffrey H. Bergstrand, Erika Vidal. 2007. Free Trade Agreements In the Americas: Are the Trade Effects Larger than Anticipated?. *The World Economy* 30:9, 1347-1377. [[Crossref](#)]
1332. CHRISTOPHER ADAM, DAVID COBHAM. 2007. EXCHANGE RATE REGIMES AND TRADE. *The Manchester School* 75:s1, 44-63. [[Crossref](#)]
1333. Joseph E. Gagnon. 2007. Productive Capacity, Product Varieties, and the Elasticities Approach to the Trade Balance. *Review of International Economics* 15:4, 639-659. [[Crossref](#)]
1334. Badi H. Baltagi, Peter Egger, Michael Pfaffermayr. 2007. Estimating models of complex FDI: Are there third-country effects?. *Journal of Econometrics* 140:1, 260-281. [[Crossref](#)]
1335. FELICITAS NOWAK-LEHMANN, DIERK HERZER, INMACULADA MARTINEZ-ZARZOSO, SEBASTIAN VOLLMER. 2007. The Impact of a Customs Union between Turkey and the EU on Turkey's Exports to the EU. *JCMS: Journal of Common Market Studies* 45:3, 719-743. [[Crossref](#)]
1336. Tomasz Iwanow, Colin Kirkpatrick. 2007. Trade facilitation, regulatory quality and export performance. *Journal of International Development* 19:6, 735-753. [[Crossref](#)]
1337. Sun Jun, Yang Zan, Chang Guo-song. Demonstration Test and Potential Analysis Based on Gravity Model of Logistics Cooperation among China, Japan and Korea 502-508. [[Crossref](#)]
1338. Matthias Helble. 2007. Is God Good for Trade?. *Kyklos* 60:3, 385-413. [[Crossref](#)]
1339. Hans Christian Heinemeyer. 2007. The treatment effect of borders on trade. The great war and the disintegration of Central Europe. *Cliometrica* 1:3, 177-210. [[Crossref](#)]
1340. PRIYA RANJAN, JAE YOUNG LEE. 2007. CONTRACT ENFORCEMENT AND INTERNATIONAL TRADE. *Economics & Politics* 19:2, 191-218. [[Crossref](#)]
1341. DANIEL LEDERMAN, ÇAĞLAR ÖZDEN. 2007. GEOPOLITICAL INTERESTS AND PREFERENTIAL ACCESS TO U.S. MARKETS. *Economics & Politics* 19:2, 235-258. [[Crossref](#)]
1342. E BALISTRERI, R HILLBERRY. 2007. Structural estimation and the border puzzle. *Journal of International Economics* 72:2, 451-463. [[Crossref](#)]
1343. d?Artis Kancs. 2007. Trade Growth in a Heterogeneous Firm Model: Evidence from South Eastern Europe. *The World Economy* 30:7, 1139-1169. [[Crossref](#)]
1344. Rakhil Sarker, Sampath Jayasinghe. 2007. Regional trade agreements and trade in agri-food products: evidence for the European Union from gravity modeling using disaggregated data. *Agricultural Economics* 37:1, 93-104. [[Crossref](#)]
1345. Hans-Jurgen Engelbrecht, Christopher Pearce. 2007. The GATT/WTO has promoted trade, but only in capital-intensive commodities!. *Applied Economics* 39:12, 1573-1581. [[Crossref](#)]
1346. Priya Ranjan, Justin L. Tobias. 2007. Bayesian inference for the gravity model. *Journal of Applied Econometrics* 22:4, 817-838. [[Crossref](#)]

1347. Kazunobu Hayakawa. 2007. Measuring Barriers to International Division of Labor in East Asia. *Asian Economic Journal* 21:2, 139-153. [[Crossref](#)]
1348. James Yetman. 2007. CURRENCY UNIONS, TRADE FLOWS AND CAPITAL FLOWS. *Pacific Economic Review* 12:2, 189-204. [[Crossref](#)]
1349. Carolyn L. Evans. 2007. National Border Effects: Location, Not Nationality, Matters. *Review of International Economics* 15:2, 347-369. [[Crossref](#)]
1350. Arvind Subramanian, Shang-Jin Wei. 2007. The WTO promotes trade, strongly but unevenly#. *Journal of International Economics* 72:1, 151-175. [[Crossref](#)]
1351. Salvador Gil-Pareja, Rafael Llorca-Vivero, José Antonio Martínez-Serrano. 2007. The Effect of EMU on Tourism. *Review of International Economics* 15:2, 302-312. [[Crossref](#)]
1352. Joshua J. Lewer, Hendrik Van den Berg. 2007. Estimating the Institutional and Network Effects of Religious Cultures on International Trade. *Kyklos* 60:2, 255-277. [[Crossref](#)]
1353. Hongshik Lee, Innwon Park. 2007. In Search of Optimised Regional Trade Agreements and Applications to East Asia. *The World Economy* 30:5, 783-806. [[Crossref](#)]
1354. Ligang Liu, Kevin Chow, Unias Li. 2007. Has China Crowded out Foreign Direct Investment from Its Developing East Asian Neighbors?. *China & World Economy* 15:3, 70-88. [[Crossref](#)]
1355. David T Coe, Arvind Subramanian, Natalia T Tamirisa. 2007. The Missing Globalization Puzzle: Evidence of the Declining Importance of Distance. *IMF Staff Papers* 54:1, 34-58. [[Crossref](#)]
1356. Alessandro Nicita, Marcelo Olarreaga. 2007. Information and Export Performance. *Journal of Industry, Competition and Trade* 7:2, 95-111. [[Crossref](#)]
1357. Chong Xiang. 2007. Diversification cones, trade costs and factor market linkages#. *Journal of International Economics* 71:2, 448-466. [[Crossref](#)]
1358. Michael O. Moore, Alissa Bellotti. 2007. Initiating U.S. Free Trade Agreements: How Do Potential Partners Stack Up?. *The International Trade Journal* 21:2, 161-189. [[Crossref](#)]
1359. A AVIAT, N COEURDACIER. 2007. The geography of trade in goods and asset holdings. *Journal of International Economics* 71:1, 22-51. [[Crossref](#)]
1360. S BAIER, J BERGSTRAND. 2007. Do free trade agreements actually increase members' international trade?. *Journal of International Economics* 71:1, 72-95. [[Crossref](#)]
1361. E STEIN, C DAUDE. 2007. Longitude matters: Time zones and the location of foreign direct investment. *Journal of International Economics* 71:1, 96-112. [[Crossref](#)]
1362. S TENREYRO. 2007. On the trade impact of nominal exchange rate volatility. *Journal of Development Economics* 82:2, 485-508. [[Crossref](#)]
1363. G. Philippidis, A. I. Sanjuán. 2007. An Analysis of Mercosur's Regional Trading Arrangements. *The World Economy* 30:3, 504-531. [[Crossref](#)]
1364. G. Philippidis, A.I. Sanjuán. 2007. An Examination of Morocco's Trade Options with the EU. *Journal of African Economies* 16:2, 259-300. [[Crossref](#)]
1365. Daniel L. Millimet, Thomas Osang. 2007. Do state borders matter for U.S. intranational trade? The role of history and internal migration. *Canadian Journal of Economics/Revue canadienne d'économie* 40:1, 93-126. [[Crossref](#)]
1366. Gustavo J. Bobonis, Howard J. Shatz. 2007. Agglomeration, Adjustment, and State Policies in the Location of Foreign Direct Investment in the United States. *Review of Economics and Statistics* 89:1, 30-43. [[Crossref](#)]
1367. Cindy Duc, Clotilde Granger, Jean-Marc Siroën. 2007. Commerce et préférences. *Revue économique* 58:5, 1055. [[Crossref](#)]

1368. Zouhour KARRAY, Sofiane TOUMI. 2007. Investissement Direct Étranger et Attractivité Appréciation et enjeux pour la Tunisie. *Revue d'Économie Régionale & Urbaine* **octobre:3**, 479. [[Crossref](#)]
1369. Zhaogang Qiao, Han Herderschee. 2007. Impact on Intra-European Trade Agreements, 1990-2005: Policy Implications for the Western Balkans and Ukraine. *IMF Working Papers* **07:126**, 1. [[Crossref](#)]
1370. Andrew K. Rose. 2007. The Foreign Service and Foreign Trade: Embassies as Export Promotion. *The World Economy* **30:1**, 22-38. [[Crossref](#)]
1371. Asier Minondo. 2007. The disappearance of the border barrier in some European Union countries' bilateral trade. *Applied Economics* **39:1**, 119-124. [[Crossref](#)]
1372. Judith L. Goldstein, Douglas Rivers, Michael Tomz. 2007. Institutions in International Relations: Understanding the Effects of the GATT and the WTO on World Trade. *International Organization* **61:01**. . [[Crossref](#)]
1373. Kazuko Shirono. 2007. Real Effects of Common Currencies in East Asia. *IMF Working Papers* **07:166**, 1. [[Crossref](#)]
1374. Zhiwei Zhang, Shang-Jin Wei. 2007. Collateral Damage: Exchange Controls and International Trade. *IMF Working Papers* **07:8**, 1. [[Crossref](#)]
1375. Patrizia Tumbarello. 2007. Are Regional Trade Agreements in Asia Stumbling or Building Blocks? Some Implications for the Mekong-3 Countries. *IMF Working Papers* **07:53**, 1. [[Crossref](#)]
1376. Sajitha Beevi Karayil. 2007. Does Migration Matter in Trade? A Study of India's Exports to the GCC Countries. *South Asia Economic Journal* **8:1**, 1-20. [[Crossref](#)]
1377. Park Soonchan. 2006. The Impact of Granting Market Economy Status to China on Antidumping Duties and Imports: The Case of Korea. *Journal of East Asian Economic Integration* **10:2**, 71-88. [[Crossref](#)]
1378. Thomas L. Vollrath, Charles B. Hallahan, Mark J. Gehlhar. 2006. Consumer Demand and Cost Factors Shape the Global Trade Network in Commodity and Manufactured Foods. *Canadian Journal of Agricultural Economics/Revue canadienne d'agroeconomie* **54:4**, 497-511. [[Crossref](#)]
1379. M KLEIN, J SHAMBAUGH. 2006. Fixed exchange rates and trade. *Journal of International Economics* **70:2**, 359-383. [[Crossref](#)]
1380. Daniel Gbetnkom. 2006. On the Empirics of Market Integration in ECOWAS. *The Journal of Policy Reform* **9:4**, 289-303. [[Crossref](#)]
1381. S. Brock Blomberg, Gregory D Hess. 2006. How Much Does Violence Tax Trade?. *Review of Economics and Statistics* **88:4**, 599-612. [[Crossref](#)]
1382. J. M. C. Santos Silva, Silvana Tenreyro. 2006. The Log of Gravity. *Review of Economics and Statistics* **88:4**, 641-658. [[Crossref](#)]
1383. Holger Breinlich. 2006. The spatial income structure in the European Union—what role for Economic Geography?. *Journal of Economic Geography* **6:5**, 593-617. [[Crossref](#)]
1384. Carsten Herrmann-Pillath. 2006. The true story of wine and cloth, or: building blocks of an evolutionary political economy of international trade. *Journal of Evolutionary Economics* **16:4**, 383-417. [[Crossref](#)]
1385. DOUGLAS A. IRWIN. 2006. The Impact of Federation on Australia's Trade Flows*. *Economic Record* **82:258**, 315-324. [[Crossref](#)]
1386. Miriam Manchin. 2006. Preference Utilisation and Tariff Reduction in EU Imports from ACP Countries. *The World Economy* **29:9**, 1243-1266. [[Crossref](#)]
1387. Douglas Dow, Amal Karunaratna. 2006. Developing a multidimensional instrument to measure psychic distance stimuli. *Journal of International Business Studies* **37:5**, 578-602. [[Crossref](#)]

1388. Janet Ceglowski. 2006. Is the Border Really That Wide?. *Review of International Economics* 14:3, 392-413. [[Crossref](#)]
1389. Istvan Konya. 2006. Modeling Cultural Barriers in International Trade. *Review of International Economics* 14:3, 494-507. [[Crossref](#)]
1390. Huiwen Lai, Susan Chun Zhu. 2006. U.S. Exports and Multinational Production. *Review of Economics and Statistics* 88:3, 531-548. [[Crossref](#)]
1391. Pandej Chintrakarn, Daniel L. Millimet. 2006. The environmental consequences of trade: Evidence from subnational trade flows. *Journal of Environmental Economics and Management* 52:1, 430-453. [[Crossref](#)]
1392. Scott C. Bradford, Paul L. E. Grieco, Gary Clyde Hufbauer. 2006. The Payoff to America from Globalisation. *The World Economy* 29:7, 893-916. [[Crossref](#)]
1393. H. Mikael Sandberg, James L. Seale, Timothy G. Taylor. 2006. History, regionalism, and CARICOM trade: A gravity model analysis. *The Journal of Development Studies* 42:5, 795-811. [[Crossref](#)]
1394. Salvador Gil-Pareja, Rafael Llorca-Vivero, Jose Martinez-Serrano. 2006. The border effect in Spain: The Basque Country case. *Regional Studies* 40:4, 335-345. [[Crossref](#)]
1395. Daniel Berkowitz, Johannes Moenius, Katharina Pistor. 2006. Trade, Law, and Product Complexity. *Review of Economics and Statistics* 88:2, 363-373. [[Crossref](#)]
1396. M KOSE, K YI. 2006. Can the standard international business cycle model explain the relation between trade and comovement?. *Journal of International Economics* 68:2, 267-295. [[Crossref](#)]
1397. KYRIACOS ARISTOTELOUS. 2006. Are There Differences Across Countries Regarding the Effect of Currency Unions on Trade? Evidence from EMU. *JCMS: Journal of Common Market Studies* 44:1, 17-27. [[Crossref](#)]
1398. Carolyn L. Evans. 2006. Border effects and the availability of domestic products abroad. *Canadian Journal of Economics/Revue canadienne d'économie* 39:1, 211-246. [[Crossref](#)]
1399. Edward J. Balistreri, Russell H. Hillberry. 2006. Trade frictions and welfare in the gravity model: how much of the iceberg melts?. *Canadian Journal of Economics/Revue canadienne d'économie* 39:1, 247-265. [[Crossref](#)]
1400. DANIEL MIRZA. 2006. How Much Does Trade Contribute to Market Structure?. *Economica* 73:289, 59-74. [[Crossref](#)]
1401. James A. Dunlevy. 2006. The Influence of Corruption and Language on the Protrade Effect of Immigrants: Evidence from the American States. *Review of Economics and Statistics* 88:1, 182-186. [[Crossref](#)]
1402. International Monetary Fund. 2006. Republic of Palau: Selected Issues and Statistical Appendix. *IMF Staff Country Reports* 06:110, 1. [[Crossref](#)]
1403. International Monetary Fund. 2006. South Africa: Selected Issues. *IMF Staff Country Reports* 06:328, 1. [[Crossref](#)]
1404. José De Sousa, Anne-Célia Disdier. 2006. La qualité du cadre juridique constitue-t-elle une barrière au commerce ?. *Revue économique* 57:1, 135. [[Crossref](#)]
1405. Michal Hulej, Charalambos G. Tsangarides, Pierre Ewencyk. 2006. Stylized Factson Bilateral Trade and Currency Unions: Implications for Africa. *IMF Working Papers* 06:31, 1. [[Crossref](#)]
1406. Nicolas Péridy. 2006. La nouvelle politique de voisinage de l'Union européenne. *Revue économique* 57:4, 727. [[Crossref](#)]
1407. Selim Cagatay, Hakan Mihci. 2006. Degree of environmental stringency and the impact on trade patterns. *Journal of Economic Studies* 33:1, 30-51. [[Crossref](#)]

1408. CHAN-HYUN SOHN. 2005. DOES THE GRAVITY MODEL EXPLAIN SOUTH KOREA'S TRADE FLOWS?*. *The Japanese Economic Review* 56:4, 417-430. [[Crossref](#)]
1409. Bruce A. Blonigen. 2005. A Review of the Empirical Literature on FDI Determinants. *Atlantic Economic Journal* 33:4, 383-403. [[Crossref](#)]
1410. Esteban Rossi-Hansberg. 2005. A Spatial Theory of Trade. *American Economic Review* 95:5, 1464-1491. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1411. Lionel Fontagne, Thierry Mayer, Soledad Zignago. 2005. Trade in the Triad: how easy is the access to large markets?. *Canadian Journal of Economics/Revue canadienne d'économie* 38:4, 1401-1430. [[Crossref](#)]
1412. Salvador Gil-Pareja, Rafael Llorca-Vivero, Jose A. Martinez-Serrano, Josep Oliver-Alonso. 2005. The Border Effect in Spain. *The World Economy* 28:11, 1617-1631. [[Crossref](#)]
1413. Devashish Mitra, Vitor Trindade. 2005. Inequality and trade. *Canadian Journal of Economics/Revue canadienne d'économie* 38:4, 1253-1271. [[Crossref](#)]
1414. P. K. M. Tharakan, Ilke Van Beveren, Tom Van Ourti. 2005. Determinants of India's Software Exports and Goods Exports. *Review of Economics and Statistics* 87:4, 776-780. [[Crossref](#)]
1415. Claudia M. Buch. 2005. Distance and International Banking. *Review of International Economics* 13:4, 787-804. [[Crossref](#)]
1416. Inmaculada Martínez-Zarzoso, Celestino Suárez-Burguet. 2005. Transport costs and trade: Empirical evidence for Latin American imports from the European union. *Journal of International Trade & Economic Development* 14:3, 353-371. [[Crossref](#)]
1417. Nicolas PÉIDY. 2005. TOWARD A PAN-ARAB FREE TRADE AREA: ASSESSING TRADE POTENTIAL EFFECTS OF THE AGADIR AGREEMENT. *The Developing Economies* 43:3, 329-345. [[Crossref](#)]
1418. Jose Anson, Olivier Cadot, Antoni Esteveordal, Jaime de Melo, Akiko Suwa-Eisenmann, Bolormaa Tumurchudur. 2005. Rules of Origin in North-South Preferential Trading Arrangements with an Application to NAFTA. *Review of International Economics* 13:3, 501-517. [[Crossref](#)]
1419. P. Augier, M. Gasiorek, C. Lai Tong. 2005. The impact of rules of origin on trade flows. *Economic Policy* 20:43, 568-624. [[Crossref](#)]
1420. John S. Wilson, Catherine L. Mann, Tsunehiro Otsuki. 2005. Assessing the Benefits of Trade Facilitation: A Global Perspective. *The World Economy* 28:6, 841-871. [[Crossref](#)]
1421. P COMBES, M LAFOURCADE, T MAYER. 2005. The trade-creating effects of business and social networks: evidence from France. *Journal of International Economics* 66:1, 1-29. [[Crossref](#)]
1422. Giovanni Peri. 2005. Determinants of Knowledge Flows and Their Effect on Innovation. *Review of Economics and Statistics* 87:2, 308-322. [[Crossref](#)]
1423. Nicolas Peridy. 2005. Towards a New Trade Policy Between the USA and Middle-East Countries: Estimating Trade Resistance and Export Potential. *The World Economy* 28:4, 491-518. [[Crossref](#)]
1424. Marc Flandreau, Mathilde Maurel. 2005. Monetary Union, Trade Integration, and Business Cycles in 19th Century Europe. *Open Economies Review* 16:2, 135-152. [[Crossref](#)]
1425. M NOGUER, M SISCART. 2005. Trade raises income: a precise and robust result. *Journal of International Economics* 65:2, 447-460. [[Crossref](#)]
1426. Nicolas Péridy. 2005. Trade Prospects of the New EU Neighborhood Policy: Evidence from Hausman and Taylor's Models. *Global Economy Journal* 5:1. . [[Crossref](#)]
1427. International Monetary Fund. 2005. Trade Costs and Real Exchange Rate Volatility: The Role of Ricardian Comparative Advantage. *IMF Working Papers* 05:5, 1. [[Crossref](#)]

1428. Kei-Mu Yi, M. Ayhan Kose. 2005. Can the Standard International Business Cycle Model Explain the Relation Between Trade and Comovement?. *IMF Working Papers* **05**:204, 1. [[Crossref](#)]
1429. Claudio Paiva. 2005. Assessing Protectionism and Subsidies in Agriculture: A Gravity Approach. *IMF Working Papers* **05**:21, 1. [[Crossref](#)]
1430. Chang-Soo Lee, Soon-Chan Park. 2005. An Examination of the Formation of Natural Trading Blocs in East Asia. *Asian Economic Papers* **4**:1, 90-103. [[Crossref](#)]
1431. Bruno Larue. 2004. Pricing-to-Market: Simple Theoretical Insights, Formidable Econometric Challenges. *Canadian Journal of Agricultural Economics/Revue canadienne d'agroeconomie* **52**:3, 387-398. [[Crossref](#)]
1432. Keith Head, Thierry Mayer. 2004. Market Potential and the Location of Japanese Investment in the European Union. *Review of Economics and Statistics* **86**:4, 959-972. [[Crossref](#)]
1433. Gary L. Hunt, Richard E. Mueller. 2004. North American Migration: Returns to Skill, Border Effects, and Mobility Costs. *Review of Economics and Statistics* **86**:4, 988-1007. [[Crossref](#)]
1434. James E. Anderson, Eric van Wincoop. 2004. Trade Costs. *Journal of Economic Literature* **42**:3, 691-751. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1435. Gordon H. Hanson, Chong Xiang. 2004. The Home-Market Effect and Bilateral Trade Patterns. *American Economic Review* **94**:4, 1108-1129. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1436. Huiwen Lai, Susan Chun Zhu. 2004. The determinants of bilateral trade. *Canadian Journal of Economics/Revue Canadienne d'Economie* **37**:2, 459-483. [[Crossref](#)]
1437. John Romalis. 2004. Factor Proportions and the Structure of Commodity Trade. *American Economic Review* **94**:1, 67-97. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1438. Andrew K. Rose. 2004. Do We Really Know That the WTO Increases Trade?. *American Economic Review* **94**:1, 98-114. [[Abstract](#)] [[View PDF article](#)] [[PDF with links](#)]
1439. Enzo Croce, V. Hugo Juan-Ramon, Feng Zhu. 2004. Performance of Western Hemisphere Trading Blocs: A Cost-Corrected Gravity Approach. *IMF Working Papers* **04**:109, 1. [[Crossref](#)]
1440. Philip R. Lane, Gian-Maria Milesi-Ferretti. 2004. International Investment Patterns. *IMF Working Papers* **04**:134, 1. [[Crossref](#)]
1441. Yaroslav Lissovolik, Bogdan Lissovolik. 2004. Russia and the WTO: The "Gravity" of Outsider Status. *IMF Working Papers* **04**:159, 1. [[Crossref](#)]
1442. S Redding. 2004. Economic geography and international inequality. *Journal of International Economics* **62**:1, 53-82. [[Crossref](#)]
1443. International Monetary Fund. 2004. Australia: Selected Issues. *IMF Staff Country Reports* **04**:354, 1. [[Crossref](#)]
1444. S Redding. 2003. Distance, skill deepening and development: will peripheral countries ever get rich?. *Journal of Development Economics* **72**:2, 515-541. [[Crossref](#)]
1445. Sergio Nardis, Vicarelli Claudio. 2003. Currency unions and trade: The special case of EMU. *Review of World Economics* **139**:4, 625-649. [[Crossref](#)]
1446. Russell Hillberry, David Hummels. 2003. Intranational Home Bias: Some Explanations. *Review of Economics and Statistics* **85**:4, 1089-1092. [[Crossref](#)]
1447. J. Ernesto López-Córdova, Christopher M. Meissner. 2003. Exchange-Rate Regimes and International Trade: Evidence from the Classical Gold Standard Era. *American Economic Review* **93**:1, 344-353. [[Citation](#)] [[View PDF article](#)] [[PDF with links](#)]
1448. Shang-Jin Wei, Arvind Subramanian. 2003. The WTO Promotes Trade, Strongly But Unevenly. *IMF Working Papers* **03**:185, 1. [[Crossref](#)]
1449. Richard Pomfret. Chapter 3 Regional Trade Agreements 39-54. [[Crossref](#)]

1450. Diego Agudelo, Galia Julieta Benítez, Lawrence S. Davidson. Chapter 6 A South American Perspective: Regional Versus Global Trade Patterns 105-130. [[Crossref](#)]
1451. Michele Fratianni, Heejoon Kang. Chapter 10 International Terrorism, International Trade, and Borders 203-223. [[Crossref](#)]
1452. Michele Fratianni. Chapter 2 Borders and Integration 11-38. [[Crossref](#)]
1453. Markus Lampe. Bilateral trade flows in Europe, 1857–1875: A new dataset 81-155. [[Crossref](#)]