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THE TRADE IMPACT OF THE EURO-MEDITERRANEAN FREE TRADE AREAS  
ON NORTH AFRICAN COUNTRIES

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ABSTRACT

The paper deals with the quantitative trade impact by sectors and at a very disaggregated level of the implementation of free trade area agreements between the EU and Mediterranean countries towards the years 2008-2010 according to the strategy adopted in the framework of the Euro-Mediterranean Partnership. The paper focusses on the Tunisia-EU FTA. For the investigation, a partial equilibrium model is adopted, allowing for the separate evaluation of different static effects. The paper deals also with the likely comparative static effects of concluding Free Trade Area Agreements between Tunisia and other Mediterranean countries. Among the latter, Tunisia seems to be the country most affected by the Partnership. It appears that the Partnership will deepen the asymmetric trade interdependence between the EU and Mediterranean Countries. The static trade effects appear to be negative.

## Introduction

This paper is part of a larger research project where I try for the first time to evaluate empirically the trade impact by sectors and at a very disaggregated level of the implementation by the years 2008-2010 of free trade agreements between the European Union and several Mediterranean Non Member Countries (MNMCS) according to the economic strategy adopted in the context of the so-called Euro-Mediterranean Partnership launched in Barcelona(Spain) in November 1995<sup>1</sup>. I also try to simulate the static effects of the conclusion of FTAs between different MNMCS which is one of the middle- or long-term aims indicated in the Barcelona Declaration. This paper will focus on the static trade effects on all industrial sectors of Tunisia of implementing the 1995 FTA agreement between the latter and the EU.

In the simulations made on the basis of economic models, which are presented below, I make the simplifying assumption that industrial free trade between the EU and Tunisia is being introduced right away in 1996 (and not in 2008, as contemplated in the 1995 Agreement). Therefore when I will make later on an interpretation of the simulations made, we will have to take into account that the results obtained give us an indication of the "maximum" effect which could derive from the implementation of the FTA.

In the second part of the paper I explore the trade effects of the implementation of industrial free trade between Tunisia and Egypt and between Tunisia and Morocco. This choice is based on the following:

- 1) The press has informed in different occasions that there have been contacts among the above countries in this respect.
- 2) There are not enough data regarding Jordan, Syria and the Lebanon.
- 3) Currently, there are not any political obstacles hindering bilateral trade between Tunisia and the two other North African countries mentioned. What hinders trade are most-favoured-nation tariffs and quantitative restrictions. Moreover, the three countries have been proceeding since a number of years with the

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<sup>1</sup> The research was funded by the Catalan Institute of the Mediterranean, in Barcelona. I wish to acknowledge all the suggestions made by Jordi Bacaria, from the Autonomous University of Barcelona (Spain). Helpful statistical and econometric assistance was provided by Jose Maria Contreras. Messaoud Boudiaf of the Faculty of Economics and Management of the University of Tunis and Driss Ben Ali from the G.E.R.M., University Mohammed V-Agdal in Rabat allowed me the use of key data for this research. I wish to thank them from here.

reform and opening of their economies in cooperation with the IMF and the World Bank. On the other hand trade relations between Tunisia (and other Arab countries) and Israel are not "normal", i.e. "GATT-driven". Even trade between Israel and Jordan, two countries at peace with each other, actual trade flows are very far from representing the "cruising speed" potential corresponding to a state of normalization.

Methodology used to estimate the impact of the MNMCs tariff liberalization in favour of the EU on import trade flows

I use a partial equilibrium approach, which is the only suited to sectorial impact studies. The methodology used to calculate the value of trade creation and diversion is similar to the one used by Cline et al.(1978), Laird and Yeats (1990), Buttelman and Meller (1992) and Karemera and Koo (1994).

A first potential effect deriving from the elimination of tariffs by the MNMC on EU imports is what is called here the value of trade creation (VTCj), i.e., the value of new imports that the MNMC does from the EU. This increase in the MNMCs imports of a given class of products (for us an Harmonized System number) can be estimated by the following equation:

$$VTCj = VMPCjo * Em * tj / (1 + tjo) \quad (1)$$

where

VTCj = Value of trade created in sector j of MNMCs

VMPCjo = Initial value of imports which the MNMC does in sector j originating in the EU. This value is the product of the quantity imported from the EU times the export unit value of the good exported by the EU to the MNMC (i.e. the world price augmented, depending on which case one considers, by the tariff imposed by the EU).

Em = Price elasticity of the MNMCs import demand in sector j.

tj = Percent change in the tariff applied by the MNMC in sector j as a result of applying the FTA regime to the EU.

tjo = Initial level of the tariff applied by the MNMC on imports of sector j originating in the EU before implementing the FTA.

Equation (1) assumes that the MNMC is a small importer in world terms, a quite realistic assumption and that any change in its trade policy is not going to affect world prices. From the MNMCs perspective we assume simply that the export-supply price-elasticity of the ROW (Rest of the World) is infinite. The FTA is not going to affect the terms of trade between the MNMC and the ROW.

The second effect produced is what we call here the value of trade diversion (VTD<sub>j</sub>), i.e. the substitution of external supply sources derived from a change in relative prices caused by the MNMCs discriminatory trade liberalization in favour of the EU. In other words it is the difference between what was imported before the FTA from the ROW and what is imported from it after the FTA is implemented. We make then the quite realistic assumption that it is the country benefitting from the preference (in our case the EU) which will export to the preference-donor country (here the MNMC) this difference<sup>2</sup>. This effect can be estimated in three different ways.

When one does not know the elasticity of substitution between different supply sources, one can use two variants. The first is the Baldwin-Murray formula :

$$VTD_j = VTC_j * VMROW_{jo} / Q_{jo} \quad (2a)$$

where:

VTD<sub>j</sub> = Value of trade diverted in sector j of the MNMC.

VMROW<sub>jo</sub> = Value of imports that the MNMC does in sector j from ROW before implementation of the FTA

Q<sub>jo</sub> = Value of the MNMCs domestic production in sector j

However and given that Q<sub>jo</sub> is a figure which is frequently unknown, Verdoorn has suggested the following formula, largely accepted among scholars interested in evaluating empirically the trade effects of economic integration:

$$VTD_j = VTC_j * ( VMPC_{jo} / VMPC_{jo} + VMROW_{jo} ) \quad (2b)$$

When one does have explicit values for the elasticity of

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<sup>2</sup> See Baldwin and Murray 1977, p.33, Sawyer and Sprinkle, 1989, p.64.

substitution between different sources of supply, one can use the formula of Laird-Yeats<sup>3</sup> :

$$VTD_j = \frac{VMPC_{jo} * VMROW_{jo} * E_s [- t_j / (1 + t_{jo}) ]}{VMPC_{jo} + VMROW_{jo} + VMPC_{jo} * E_s [- t_j / (1 + t_{jo})]} \quad (2c)$$

where

$E_s$  = Elasticity of substitution between the MNMCs imports of sector  $j$  originating in ROW and those originating in the EU

In my research, after an in-depth analysis of pros and cons of each formula<sup>4</sup> in the case studies here (i.e. the creation of FTAs between MNMCs and the EU) and of the available data, I have opted for Verdoorn's formula (2b). The World Bank and UNCTAD have in the past profusely applied (2c), using 1.5 as the standard value of the elasticity of substitution of imports ( $E_s$ ) for all sectors and for all countries for lack of something better. Other authors have used a value of 3 and others 2. It must be stressed however that all are guess-estimates, not values estimated econometrically, something which seems pretty, if not totally arbitrary. According to some econometricians, all the values usually adopted lead to an overestimation of the value of trade diverted ( $VTD_j$ ). Therefore in our study we have disregarded the Laird-Yeats formula and opted openly for (2b), for which data are incidentally available.

The total trade effect for a given sector (i.e. a specific HS category) is given by the sum of  $VTC_j$  and  $VTD_j$  and is called the trade expansion effect between the FTA countries ( $TTE_j$ ), i.e.:

$$TTE_j = VTC_j + VTD_j \quad (3)$$

$TTE_j$  can be interpreted as the total increase in the value of the MNMCs imports from the EU due to the discriminatory elimination of his tariffs on EU-originating imports. This is the value of the increase in exports by the EU to the MNMC and is composed by two elements: the value of new imports by the MNMC from the EU and the value of the MNMCs imports which have been diverted from the ROW to the benefit of the EU (the  $VTD_j$  effect).

<sup>3</sup> Laird and Yeats (1991), p.85.

<sup>4</sup> See in particular the discussion by Sawyer and Sprinkle(1989) and Shiells et al.(1986).

Observe that the total effect is the sum of the two effects and not its difference; this contrasts with the formula for the estimation of the welfare impact on the MNMC of implementing the FTA with the EU, which is calculated in the following section.

Methodology used to estimate the impact of the MNMCs discriminatory trade liberalization in favour of the EU on its welfare

J. Viner (1950) created the concepts of trade creation and trade diversion to refer explicitly to the changes that the creation of Customs Unions would have on the economic welfare of its inhabitants, i.e. its individual consumers, the usual focus of interest of neoclassical trade theory. It is important to underline that Viner was not interested in finding out what would happen to trade flows (which is the object of our previous section) but rather what would happen to welfare (and thus indirectly to national income). The idea of Viner was that when a country reduces its tariffs, there is a trade creation effect which lifts welfare because expensive supply sources (less competitive import-competing domestic production) would be replaced by cheaper supply sources (imports from the partner country, here PC). Trade diversion, on the other hand, reduces welfare because cheap supply sources (imports from ROW) are replaced by dearer ones (imports from the partner country, here PC, to whom a tariff preference applies). The calculation of the Gains from Trade Creation (GTC) and the Loss from Trade diversion (LTD), which is what Viner refers to when speaking of trade creation and diversion, is complex and is based in an analysis of a partial equilibrium diagram which is included in an appendix divided in various subsections according to the initial assumptions made. From the analysis we derive formulas for GTC and LTD as follows:

$$GTC_j = 0.5 P * MT_{j0} * E_m * (t_{j0} - t_{pcj})^2 / (1 + t_{j0}) \quad (4)$$

where:

GTC<sub>j</sub> = Gain from trade creation in sector j.

P \* MT<sub>j0</sub> = value of the MNMCs total imports in sector j before the FTA.

E<sub>m</sub> = Price-elasticity of the MNMCs import demand in sector j

t<sub>j0</sub> = (average) m.f.n. tariff applied by the MNMC in sector j

t<sub>pcj</sub> = (average) m.f.n. tariff applied by the EU in sector j

In this formula appear total imports, which implies that there can be a  $GTC_j$  even if the MNMC was not importing from the EU before the FTA<sup>5</sup>.

It is also obvious that  $GTC$  increases more than proportionately the larger the difference between the MNMCs tariffs and the EUs tariffs is. Observe as well that  $GTC$  is zero if import demand is perfectly inelastic.

Regarding  $LTD_j$  :

$$LTD_j = P * MT_{jo} * tpc_j \quad (5)$$

where :

$LTD_j$  = Loss derived from trade diversion in sector  $j$ .

Observe that  $LTD_j$  is zero in two cases. Either there were no imports of products of sector  $j$  before the FTA<sup>6</sup> or, else, the tariff imposed by the EU is zero, which implies that EU prices are equal or below ROW prices. Therefore, in such a case, even if as a result of the FTA agreement the MNMC substitutes imports from ROW by imports from the EU, this will not imply any additional cost for the MNMC. It is obvious that  $LTD_j$  will be larger, the larger is  $tpc_j$ , which in the present model is used as a proxy for the difference in production costs in the EU and in ROW (e.g. the US or Japan). In other words, prices applied by the EU in the MNMCs markets are equal to  $PROW_o * (1 + tpc_j)$ .

The net welfare effect ( $NWE_j$ ) is the difference between  $GTC_j$  and  $LTD_j$ :

$$NWE_j = GTC_j - LTD_j \quad (6)$$

Note that both  $GTC_j$  and  $LTD_j$  are equal or larger than zero and that  $NWE_j$  can therefore be a negative number if  $LTD_j$  is larger than

<sup>5</sup> This contrasts with the formula calculated for VTC, where only if there was before the FTA some trade between the future members to the FTA will there be some new trade flows created.

<sup>6</sup> Note that we include here all imports before the agreement and not only imports originating in non-member countries. The idea is that the increase in import unit costs as a result of tariff discrimination in favour of PC affects all the units previously imported and not only those originating in the ROW.

GTCj.

### Methodology used to simulate static effects of South-South FTAs

The assumption made in my research is that horizontal (South-South) FTAs between any two MNMCs (called thereafter MNMC1 and MNMC2) are formed after both conclude such an agreement with the EU. I estimate therefore the additional static effect of the creation of an FTA between MNMC1 and MNMC2 on imports and welfare of MNMC1. Then I repeat the same procedure for MNMC2. It can easily be proven that adding South-South FTAs hasn't any welfare effect on the Mediterranean partners. The only thing that these agreements do is to affect import flows of each MNMC, since the latter will start again to import from the second MNMC in the model goods regarding which the latter was internationally competitive and which had been evicted in favour of EU-originating goods after the first MNMC had signed an FTA with EU. This can be called reverse trade diversion. But apart from this, there will be also imports from the new Mediterranean partner which will substitute for imports originating previously from the Rest of the World (which in our case is the world minus the EU and minus the other Mediterranean partner country).

### Data used to calculate the different formulas

I use data from TRAINS (Trade Analysis and Information System), a program and data bank produced by UNCTAD, which integrates information on tariffs and NTBs with import data by country and going all the way up to a six-digit level of disaggregation according to the Harmonized Commodity Description and Coding System(HS)<sup>7</sup>. I have opted for a two-digit disaggregation level, which means doing all the calculations for a total of 71 industrial sectors.

### Assessment of the import demand price-elasticities by sectors

I was fortunate enough to dispose of good econometric import demand price-elasticities for 11 industrial sectors, estimated econometrically by Boudiaf (1997) representing more than 90% of Tunisia's industrial imports. Estimations were done on the basis of data for the period 1976 to 1993.

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<sup>7</sup> UNCTAD. TRAINS CD-Rom, Switzerland, 1996.



Analysis of the results of simulating a discriminatory tariff liberalization by Tunisia in favour of the EU on the basis of the model<sup>8</sup>

1) Macro-perspective

VTC represents 11.7% of Tunisian industrial imports (\$ million 829 in 1995), while VTD is 9.7% (\$ million 693), the total effect on trade flows reaching \$ bn 1.523 , i.e. 21.4% of total imports (all origins included) or 28.8% of imports originating from the EU. Welfare changes are less important, but non negligible. Globally-speaking, the trade diversion loss (LTD) reached \$ million 363, which represents a small percentage of the national product, i.e. 2.2% (although slightly more in national consumption terms). However LTD is sufficiently large to lead to a net welfare loss (NWE), valued \$ millions 258, i.e. 1.5% of the national product in 1995. If however we assume that EU exporters can organize themselves as an export cartel and that Tunisia lacks any negotiation leverage, the maximum total cost of trade diversion can reach easily 2 bn\$, i.e. 5.5 times more than the figure estimated before, equivalent to a decrease of the national product by 12.2%! This scenario is not entirely unrealistic in the case of Tunisia and regarding particular sectors(see below). Trade creation gains(GTC) are only \$ million 105, a very small figure. This certainly reflects the fact that import demand elasticities are also small.

Of course these results must be put in perspective since Tunisia is going to dismantle its tariff in an incremental way until 2008. And Tunisia can reduce the trade diversion loss until then by reducing its m.f.n. tariff in WTO negotiations (e.g. in the context of the coming Clinton Round) or by negotiating FTAs agreements with other key trade partners.

Note that, if we make abstraction of the eventual creation of EU export cartels to Tunisia, the results obtained here are much less pessimistic than the ones of Boudiaf(1997), who estimates the static loss of national income to reach 7%.

2) Sectorial analysis

The first thing to note is that when referring to the partial equilibrium analysis presented in Annex 1, for most product categories case number 3 is the relevant one. Out of 71 industrial sectors (i.e. HS categories), only for 8 of them is case number 1

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<sup>8</sup> See Annex 2, summing up the main results, as well as Annex 3 for the detailed results. (Extracted from the study prepared for the Catalan Institute for the Mediterranean).

the relevant one, since for the eight sectors more than 95% of 1995 Tunisian imports originated in the EU. In the case of HS 78 (lead and its manufactures), case number 2 is relevant, since here imports from the EU only represent 5% of total Tunisian overseas purchases. We note also that for all 71 HS categories, the CCT is lower than the Tunisian tariff.

The VTC and VDC are very large (more than \$ million 50) for cotton, synthetic fibers, clothing, mechanical machinery and electrical machinery.

Welfare-wise, the GTC is large for cotton, mechanical machinery, electrical machinery, cars and other vehicles. The LTD is large for the preceding categories in addition to plastic materials and its manufactures, synthetic yarn, synthetic and artificial fibers, knitted wear and other clothing. The net welfare change is particularly negative for plastic materials, cotton, synthetic fibers, clothing, mechanical machinery and cars. On the other hand a quite positive net welfare change is to be noted in the pharmaceutical sector, wood pulp and paper, cement, precious stones, tin and its manufactures, various manufactures made of common metals and ships. Finally should EU exporters form a cartel in the following sectors, the loss for Tunisia would be more than \$ million 100 for each of the following sectors: cotton, synthetic fibers, clothing (except knitwear), mechanical and electrical machinery and cars. While it is unlikely that this might happen with cotton, it is probable that such a policy might be conducted by large European car firms, which are already well implanted in Tunisia ( particularly French firms as Renault).

### Results of simulating the static effects of not-yet-formed South-South FTAs<sup>9</sup>

#### A. The Tunisia-Morocco FTA

##### a. Impact on Tunisian imports

The total trade effect (TTE) is extremely small, representing 0.08 % of Tunisia's total industrial imports or 10% of imports originating from Morocco.

By sectors, the VTC and the VTD are nil for many sectors since Morocco is not exporting currently goods from these sectors to Tunisia. On the other hand sectors with brightest perspective

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<sup>9</sup> See Annex 2, summing up the main results, as well as Annex 3 for the detailed results. (Extracted from the study produced for the Catalan Institute for the Mediterranean).

are mineral fuels, lead and its manufactures and tractors.

b. Impact on Moroccan imports

Here the TTE is larger, representing 0.11% of total industrial imports, i.e. 28.4% of Moroccan imports from Tunisia.

By sectors, prospects for an expansion of Tunisian exports seem relatively bright for inorganic chemical products, diverse manufactures made of common metals and mechanical machinery.

c. Global assessment

In terms of trade flows, Morocco's trade is more affected than Tunisia's in relative terms. And the VTC is inferior than VTD in both directions.

B. The Tunisia-Egypt FTA

a. Impact on Tunisian imports

The total trade effect (TTE) is extremely small, representing 0.09 % of Tunisia's total industrial imports but 23% of imports originating from Egypt in 1995.

By sectors, the VTC and the VTD are nil regarding many products as Egypt is not exporting them currently to Tunisia. On the other hand one sector has substantial expansion potential (more than \$ million 3.5): aluminum and its manufactures.

b. Impact on Egyptian imports

The TTE represents 8% of Egyptian imports from Tunisia.

By sectors, one stands aside, namely inorganic chemical products with a quite substantial export potential from Tunisia to Egypt.

c. Global assessment

In terms of trade flows, Tunisia's trade is much more affected than Egypt's in relative terms.

Some concluding remarks

To begin with, a comparison of the different simulations shows that the overall trade potential of Tunisia establishing an industrial FTA with Morocco (following suggestions made in the Barcelona Declaration) is extremely limited in absolute terms and when we compare it with the potential for an expansion of trade deriving from the EU-Tunisia FTA (the latter being 200 times as large!). Of the two South-South FTAs considered here, the one between Morocco and Tunisia is the more promising, relatively speaking: the TTE in both directions amounts to \$ million 14 (while for Tunisia-Egypt the corresponding figure is \$ million 7). Seeing things from Egypt, for the latter it would make more sense to get tariff-free access into the Israeli market, which is not only closer than the Tunisian or Moroccan ones, but is double as large as those two markets together. Communications and transport infrastructures are also much better. On top of it, to accede to Israel, only one border must be crossed; not so if the goods travel by land to the (two) Maghreb countries. Here potential exporters must cross at least two borders, the most problematic NTB in the Arab world.

Turning now to the EU-Tunisia FTA, the analysis clearly confirms what different empirical studies have found out, namely that the net static effects on Tunisia's welfare are going to be negative<sup>10</sup>. After a period of enthusiasm, even World Bank experts do acknowledge now this point. Of course, it can be argued that the so-called dynamic effects will be largely positive and largely compensate for the negative static effects. However as is well known, the quantification of dynamic effects is very problematic if not outright impossible. This opens of course the possibility to exaggerate their importance. It appears as well from studying potential welfare effects deriving from FTAs between the EU and other MNMCs (Egypt, Algeria and Morocco) that Tunisia is the worse affected by the discriminatory tariff dismantling in favour of the EU.

Note that the idea of the Partnership in its economic dimension was to raise Tunisia's economic welfare, in any case not to decrease it! Clearly, what we see here is that the discriminatory tariff dismantling in favour of the EU is going to be very costly. It stands to reason, that this negative outcome could have been compensated by having the EU reciprocate in agricultural products (including olive oil, fruit and vegetables), opening the perspective of real free trade for all products in both

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<sup>10</sup> See, e.g. Bistolfi (1995), Bensidoun and Chevallier(1996), Galal and Hoekman(1997), Hoekman and Djankov(1995), Hoekman(1995) for various opinions based on empirical research.

directions<sup>11</sup>. This lesson seems to have been learned by Egypt, which contrary to Tunisia has refused to conclude a FTA agreement with the EU if it does not contain an important agricultural chapter.

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<sup>11</sup> Tunisia had gotten tariff-free access into the EC market of industrial products already in 1977.

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Annex 1: Partial equilibrium analysis of an industrial tariff dismantling of a MNMC vis-a-vis imports from the EU.

In what follows we distinguish several cases according the assumptions made regarding 1) the initial existing tariffs in the MNMC and the EU and 2) the origin of imports before the implementation of the FTA. A common point to all the cases presented here is that we assume that the MNMC is a small open economy and therefore its import demand is facing an export-supply of the Rest of the World (i.e. the world minus the EU) which is perfectly price-elastic. (This is reasonable in the case of Tunisia).

Case 1: Perfectly elastic export supply in the EU, below the export supply of the ROW, as seen from the MNMC.

This case reflects the possibility, for instance, that because of differential transport costs, all MNMC imports came from the EU. The MNMC was importing already before the FTA exclusively from the EU, given that the most-favored nation tariff was to (quantity MPCo). Observe that the tariff prevailing in the EU must be smaller than the difference of transport costs to the MNMC from the ROW and those from the EU. In Case 1 there is no trade diversion by definition (there is nothing to divert), nor trade diversion loss. There is only trade creation because to is going to be eliminated. The GTC (welfare gain from trade creation) is given by the vertically-stripped triangle and can be calculated as follows:

$$GTC = 0.5 * t_o^2 * E_m * P * MPCo$$

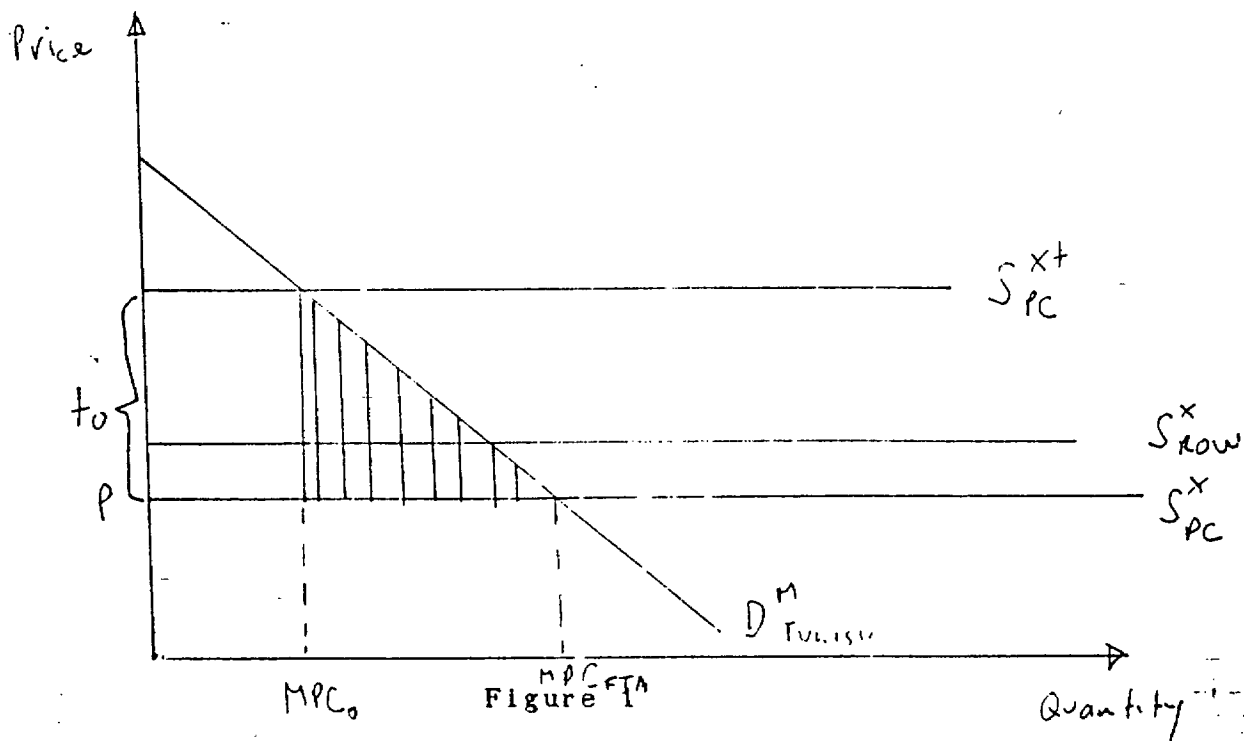
The fiscal revenue lost to the MNMC is  $FRL = P * MPCo * t_o$

The value of trade creation (VTC) is given by the expression:

$$VTC = P * MPCo * E_m * t_o / (1 + t_o), \text{ where}$$

$P * MPCo$  = the value of MNMCs imports from the EU before the FTA (i.e. total imports)





**Case 2: Perfectly elastic export supply of the EU over and above the export supply curve of ROW.**

In this case, before the agreement, all MNMC imports originated in the Rest of the World (quantity  $MROW_0$ ), given that the most favored nation tariff was  $t_0$ . Observe that the EU's tariff is  $tpc$  and positive. Assuming that  $tpc$  is smaller than  $t_0$ , after the FTA is implemented all what was previously imported before the agreement from ROW (including imports from the US) will be imported now from the EU. Therefore there is 100% trade diversion. Quite apart, there is a welfare gain from trade creation because  $t_0$  is going to be eliminated on imports originating in EU. The GTC is given by the area of the vertically-stripped triangle and can be calculated as follows:

$$GTC = 0.5 * P * MROW_0 * E_m * (t_0 - tpc)^2 / (1 + t_0)$$

where:

$P * MROW_0$  = Value of MNMC imports from ROW before the FTA.

The loss of fiscal revenue for the MNMC is

$$FRL = P * MROW_0 (1 + tpc) * t_0$$

The value of trade creation (VTC) is given by the formula:

$$VTC = P * MPCo * Em * (to - tpc) / 1 + to$$

VTC is nil because there are no imports from the EU before the FTA agreement.

Given that a proxy to the value of trade diversion (VTD) is according to Verdoorn (see methodological discussion) as follows:

$$VTD = VTC * ( P * MPCo / P * MTo)$$

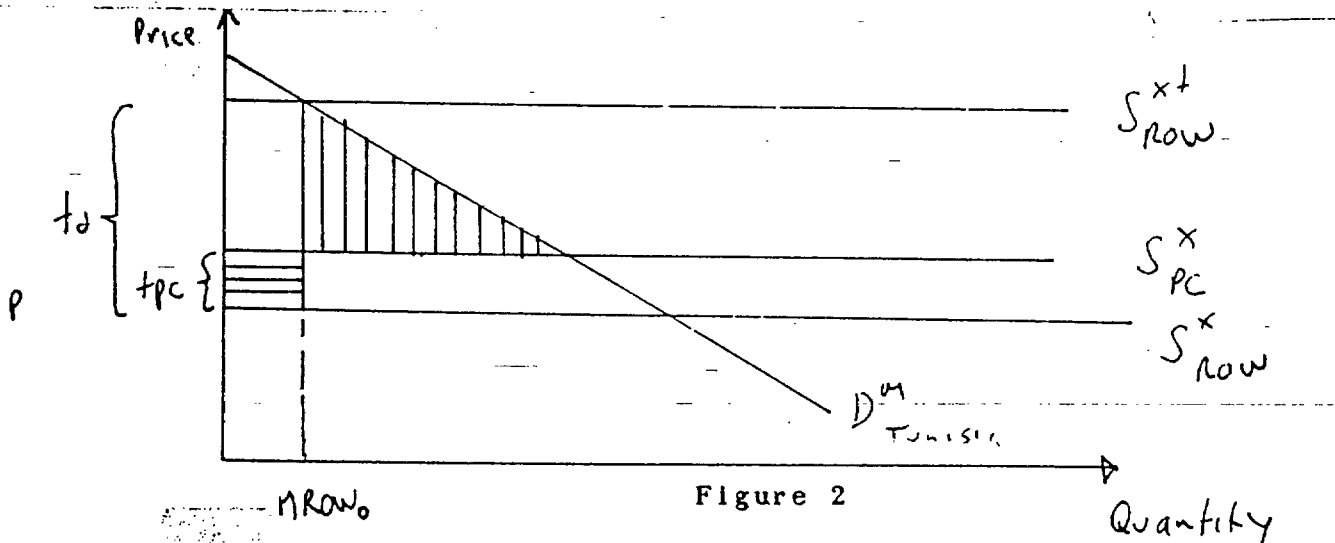
it follows that VTD is zero in this case since  $VTC = 0$

On the other hand, the welfare loss from trade diversion (LTD) can be equal to zero or positive since

$$LTD = tpc * P * MROWo$$

where

$P * ROWo$  = value of MNMCs imports originating from the ROW before the FTA (i.e. total imports)



Case 3: Export supply curve of EU intersecting from below the export supply of ROW.

In that case, before the FTA, some of the MNMCs imports originated in the EU (quantity  $MPCo$ ), because the MNMCs m.f.n. tariff is  $to$ .  $MPCo$  was imported from ROW. Observe that the EU's tariff is zero (since the EU is competing with ROW in the MNMCs market). In that case after the FTA is in place there is 100% trade diversion. But there is no welfare loss due to trade diversion (LTD), because EU

prices are at the world level. There is also a positive GTC given by the vertically-stripped triangle, which is estimated as follows:

$$GTC = 0.5 * t_0^2 / (1 + t_0) * E_m * P * MTO$$

Also-  $FRL = t_0 * P * MROW_0$

and  $VTC = P * MPCo * E_m * t_0 / (1 + t_0)$  where

$P * MPCo$  = value of MNMC's imports originating from the EU before the FTA.

The value of trade diversion (VTD) can be estimated with the Verdoorn proxy:

$$VDC = VTC * ( P * MPCo / P * MTO )$$

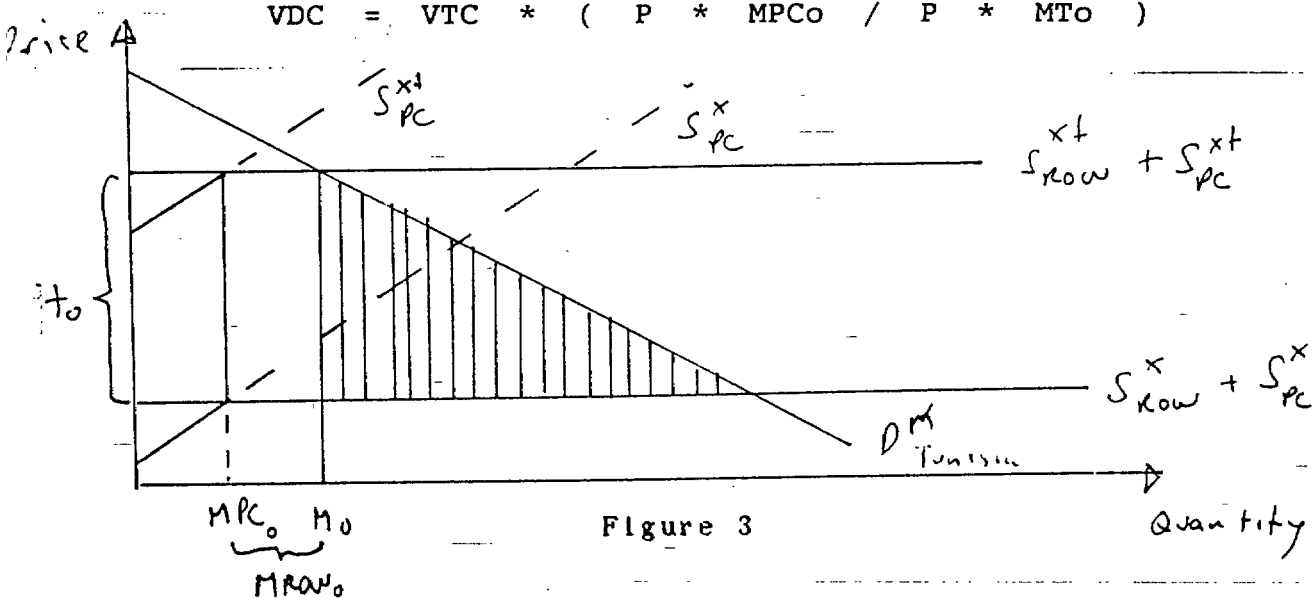


Figure 3

It goes without saying that in many real-life situations, it is case 3 which applies, but cases 1 and 2 cannot be ignored altogether. Finally according to this model, the FTA will not have any effect whatsoever when in the absence of imports from the EU before the FTA, it happens that the tariff of the partner country(EU) is higher than the MNMCs tariff. This is however in practice highly unlikely.

## TÚNEZ. EFECTOS SOBRE LAS IMPORTACIONES INDUSTRIALES DE ACUERDOS DE LIBRE COMERCIO

( Miles de dólares, Año Base = 1995 )

REGIÓN O PAÍS	VCC ( a )	VDC ( b )	VEC ( c )	IMPORTACIONES ( d )	PARTE ( c ) / ( d ) * 100
CON LA UNION EUROPEA	829603	693782,23	1523385	5282929	28.84
CON MARRUECOS	2745	3282.53	6027.91	59534	10.13
CON EGIPTO	2717	3713.64	6431	27980	22.98

FUENTE: Estimación propia.

CUADRO A1: ARCHIVO DE DATOS PARA TÚNEZ

CATEGORÍA DEL SISTEMA ARMONIZADO	PORCENTAJE EN IMP. TOTALES	MTOT	MUE	MRM	MUE / MTOT
25 Sal; azufre; tierras y piedras; yesos, cales y cementos	2.18%	141325	44879	98446	31.76%
26 Minerales, escorias y cenizas	0.04%	2643	1289	1354	48.77%
27 Combustibles minerales, aceites minerales y prod. de su destilación	12.29%	796787	307644	489143	38.81%
28 Prod. químicos inorgánicos; compuestos inorgánicos/organ. de los metales	1.59%	102739	32563	70176	31.69%
29 Productos químicos orgánicos	1.30%	84471	68082	16389	80.60%
30 Productos farmacéuticos	2.22%	144066	128639	15427	89.29%
31 Abonos	0.12%	7441	4619	2822	62.07%
32 Extractos curtientes/tintóreos; taninos, sus derivados; pinturas	0.82%	53405	44222	9183	82.80%
33 Aceites esenciales y resinosos; prep. de perfumería, de tocador	0.35%	22402	20332	2070	90.76%
34 Jabones, agentes de superficie orgánicos, preparac. para lavar, etc	0.26%	16752	14392	2360	85.91%
35 Materias aluminoides; prod. a base de almidón o de fécula modificados	0.19%	12435	10949	1486	88.05%
36 Polvoras y explosivos; artículos de pirotecnia; fosforos..	0.04%	2527	1596	931	63.16%
37 Productos fotográficos o cinematográficos	0.31%	19981	15562	4419	77.88%
38 Miscellaneous chemical products.	0.94%	61129	53304	7825	87.20%
39 Materias plásticas y manufacturas de estas materias	4.37%	283345	210005	73340	74.12%
40 Caucho y manufacturas de caucho	1.26%	81625	54371	27254	66.61%
41 Pielés (excepto la peletería) y cueros	1.56%	101235	93539	7696	92.40%
42 Manuf. de cuero; artícul. de guarnicionería, talabartería, viaje....	0.13%	8293	7460	833	89.96%
43 Peletería, confecciones de peletería; peletería artificial/facticia	0.03%	1780	1741	39	97.81%
44 Madera, carbón vegetal y manufacturas de madera	1.98%	128577	81189	47388	63.14%
45 Corcho y sus manufacturas	0.01%	425	64	361	15.06%
46 Manufacturas de espartería o de cestería	0.01%	500	287	213	57.40%
47 Pasta de madera o de otras materias fibrosas celulósicas; papel..	0.74%	48273	8861	39412	18.36%
48 Papel, cartón; manufact. de pasta de celulosa, de papel/de cartón	2.07%	134095	97779	36316	72.92%
49 Productos editoriales, de la prensa/de otras industrias gráficas	0.42%	27011	21327	5684	78.96%
50 Seda	0.06%	3545	997	2548	28.12%
51 Lana y pelo fino u ordinario; hilados y tejidos de crin	0.68%	43955	42770	1185	97.30%
52 Algodón	10.13%	656901	584153	72748	88.93%
53 Las demás fibras textiles vegetales; hilados y tejidos de papel	0.14%	8745	8124	621	92.90%
54 Filamentos sintéticos o artificiales	2.03%	131536	113277	18259	86.12%
55 Fibras sintéticas o artificiales discontinuas	5.44%	352401	325278	27123	92.30%
56 Guata, fieltro, telas sin tejer; hilados especiales; cordones, etc..	0.66%	42588	39925	2663	93.75%
57 Alfombras y demás revestimientos para el suelo, de mater. textiles	0.01%	872	670	202	76.83%
58 Tejidos especiales; superfic. textiles con pelo insertado; encajes	1.11%	71666	69518	2148	97.00%
59 Tejidos impregnados, recubiertos, revestidos o estratificados..	0.43%	28086	23323	4763	83.04%
60 Tejidos de punto	0.68%	44084	42070	2014	95.43%
61 Prendas y complementos de vestir, de punto	2.07%	134263	133403	860	99.36%
62 Prendas y complementos de vestir, excepto los de punto	4.42%	286617	284617	2000	99.30%
63 Los demás artículos textiles confeccionados; conjuntos/surtidos..	0.68%	44379	35111	9268	79.12%
64 Calzado, polainas, botines y artículos análogos y sus partes	0.50%	32683	31326	1357	95.85%
65 Artículos de sombrerería y sus partes	0.03%	1926	1758	168	91.28%
66 Paraguas, sombrillas, quitasoles, bastones asiento, látigos, fustas	0.01%	615	463	152	75.28%
67 Plumones, plumas preparados y artículos de pluma/plumón; flores artificiales	0.01%	446	115	331	25.78%
68 Manufacturas de piedra, yeso, cemento, amianto, mica o materias análogas	0.14%	9238	7733	1505	83.71%
69 Productos cerámicos	0.42%	27000	24392	2608	90.34%
70 Vidrio y manufacturas de vidrio	0.57%	37192	26844	10348	72.18%
71 Perlas finas o cultivadas, piedras preciosas, semipreciosas y similares	0.39%	25528	8938	16590	35.01%
72 Fundición, hierro y acero	3.70%	239728	126973	112755	52.97%
73 Manufacturas de fundición, de hierro o de acero	2.23%	144668	110219	34449	76.19%
74 Cobre y manufacturas de cobre	0.78%	50643	48317	2326	95.41%
75 Níquel y manufacturas de níquel	0.02%	946	766	180	80.97%
76 Aluminio y manufacturas de aluminio	0.82%	53319	30278	23041	56.79%
77 Plomo y manufacturas de plomo	0.06%	3601	77	3524	2.14%
78 Cinc y manufacturas de cinc	0.11%	7125	5505	1620	77.28%
79 Estano y manufacturas de estano	0.01%	663	470	193	70.89%
80 Los demás metales comunes; "cermets"; manufacturas de estas materias	0.01%	465	171	294	36.77%
81 Herramientas, útiles, artícul. de cuchillera, cubiertos de mesa, de met. comunes	0.40%	25652	17674	7978	68.90%
82 Manufacturas diversas de metales comunes	0.55%	35343	32234	3109	91.20%
83 Reactores nucleares, calderas, máquinas, aparatos y artefactos mecánicos..	14.12%	915244	698682	216562	76.34%
84 Máquinas, aparatos y material eléctrico, sus partes; aparatos de grabación..	8.43%	546498	421314	125184	77.09%
85 Vehículos y material para vías o simil. y sus partes; aparatos mecánicos..	0.11%	7050	4296	2754	60.94%
86 Vehículos automotores, tractores, ciclos, demás vehic. terrestres, sus partes..	7.29%	472623	415461	57162	87.91%
87 Navegación aérea o espacial	1.22%	78944	46188	32756	58.51%
88 Navegación marítima o fluvial	0.11%	7281	4339	2942	59.59%
89 Instrumentos, aparatos de óptica, fotografía, cinematografía, medida, control...	2.36%	152705	100129	52576	65.57%
90 Relojería	0.12%	7863	6174	1689	78.52%
91 Instrumentos de música; partes y accesorios de estos instrumentos	0.09%	1292	512	780	39.63%
92 Armas y municiones y sus partes y accesorios	0.08%	4953	4866	87	98.24%
93 Muebles; mobiliario médicoquirúrgico; artículos de cama y similares	0.41%	26503	21639	4864	81.65%
94 Juguets, juegos, artículos para recreo o para deporte; partes...	0.16%	10109	5724	4385	56.62%
95 Manufacturas diversas	0.90%	58481	51421	7060	87.93%
TOTAL		7119227	5282929	1836298	74.21%

CUADRO A1: ARCHIVO DE DATOS PARA TÚNEZ

CATEGORÍA DEL SISTEMA ARMONIZADO	MFN TÚNEZ	MFN DE LA UE	CAMBIO EN MFN TÚNEZ	ELASTICIDAD IMPORTACIÓN
25 Sal; azufre; tierras y piedras; yesos, cales y cementos	0.224	0.004	0.224	0.2
26 Minerales, escorias y cenizas	0.17	0	0.17	0.2
27 Combustibles minerales, aceites minerales y prod. de su destilación	0.119	0.009	0.119	0.2
28 Prod. químicos inorgan.; compuestos inorgan./organ. de los metales	0.193	0.058	0.193	0.2
29 Productos químicos orgánicos	0.193	0.059	0.193	0.2
30 Productos farmacéuticos	0.206	0	0.206	0.5
31 Abonos	0.204	0.046	0.204	0.2
32 Extractos curtientes/tintóreos; taninos, sus derivados; pinturas	0.234	0.067	0.234	0.2
33 Aceites esenciales y resinoides; prep. de perfumería, de tocador	0.393	0.04	0.393	0.5
34 Jabones, agentes de superficie orgánicos, preparac. para lavar, etc	0.297	0.036	0.297	0.2
35 Materias albuminoides; prod. a base de almidón o de fécula modificados	0.187	0.061	0.187	0.2
36 Polvoras y explosivos; artículos de pirotecnia; fosforos..	0.343	0.067	0.343	0.2
37 Productos fotográficos o cinematográficos	0.225	0.057	0.225	0.5
38 Miscellaneous chemical products.	0.207	0.053	0.207	0.2
39 Materias plásticas y manufacturas de estas materias	0.242	0.088	0.242	0.1
40 Caucho y manufacturas de caucho	0.262	0.023	0.262	0.1
41 Pieles (excepto la peletería) y cueros	0.266	0.02	0.256	0.1
42 Manuf. de cuero; articul. de guarnicionería, talabartería, viaje....	0.399	0.05	0.399	0.5
43 Peletería, confecciones de peletería; peletería artificial/facticia	0.43	0.013	0.43	0.5
44 Madera, carbon vegetal y manufacturas de madera	0.314	0.034	0.314	0.1
45 Corcho y sus manufacturas	0.356	0.037	0.356	0.1
46 Manufacturas de espartería o de cestería	0.403	0.038	0.403	0.1
47 Pasta de madera o de otras materias fibrosas celulósicas; papel..	0.17	0	0.17	0.1
48 Papel, cartón; manufact. de pasta de celulosa, de papel/de cartón	0.398	0.064	0.398	0.1
49 Productos editoriales, de la prensa/de otras industrias gráficas	0.212	0.019	0.212	0.94
50 Seda	0.273	0.032	0.273	0.66
51 Lana y pelo fino u ordinario; hilados y tejidos de crin	0.27	0.051	0.27	0.66
52 Algodón	0.373	0.077	0.373	0.66
53 Las demás fibras textiles vegetales; hilados y tejidos de papel	0.244	0.028	0.244	0.66
54 Filamentos sintéticos o artificiales	0.309	0.087	0.309	0.66
55 Fibras sintéticas o artificiales discontinuas	0.355	0.089	0.355	0.66
56 Guata, fieltro, telas sin tejer; hilados especiales; cordales, etc..	0.34	0.075	0.34	0.66
57 Alfombras y demás revestimientos para el suelo, de mater. textiles	0.43	0.085	0.43	0.66
58 Tejidos especiales; superfic. textiles con pelo insertado; encajes	0.404	0.095	0.404	0.66
59 Tejidos impregnados, recubiertos, revestidos o estratificados..	0.28	0.067	0.28	0.66
60 Tejidos de punto	0.43	0.107	0.43	0.66
61 Prendas y complementos de vestir, de punto	0.427	0.127	0.427	0.66
62 Prendas y complementos de vestir, excepto los de punto	0.428	0.124	0.428	0.66
63 Los demás artículos textiles confeccionados; conjuntos/surtidos..	0.422	0.109	0.422	0.66
64 Calzado, polainas, botines y artículos análogos y sus partes	0.418	0.118	0.418	0.66
65 Artículos de sombrerería y sus partes	0.377	0.034	0.377	0.66
66 Paraguas, sombrillas, quitasoles, bastones asiento, latigos, fustas	0.353	0.053	0.353	0.66
67 Plumones, plumon preparados y artículos de pluma/plumon; flores artificiales	0.43	0.04	0.43	0.66
68 Manufacturas de piedra, yeso, cemento, amianto, mica o materias análogas	0.316	0.023	0.316	0.75
69 Productos cerámicos	0.343	0.055	0.343	0.1
70 Vidrio y manufacturas de vidrio	0.292	0.055	0.292	0.1
71 Perlas finas o cultivadas, piedras preciosas, semipreciosas y similares	0.368	0.011	0.368	0.5
72 Fundición, hierro y acero	0.204	0.016	0.204	0.75
73 Manufacturas de fundición, de hierro o de acero	0.286	0.042	0.286	0.75
74 Cobre y manufacturas de cobre	0.247	0.038	0.247	0.75
75 Níquel y manufacturas de níquel	0.188	0.017	0.188	0.75
76 Aluminio y manufacturas de aluminio	0.277	0.07	0.277	0.75
78 Plomo y manufacturas de plomo	0.281	0.04	0.281	0.75
79 Cinc y manufacturas de cinc	0.219	0.044	0.219	0.75
80 Estano y manufacturas de estano	0.224	0.01	0.224	0.75
81 Los demás metales comunes; "cermets"; manufacturas de estas materias	0.176	0.043	0.176	0.75
82 Herramientas, útiles, articul. de cuchillería, cubiertos de mesa, de met. comunes	0.343	0.042	0.343	0.75
83 Manufacturas diversas de metales comunes	0.374	0.031	0.374	0.75
84 Reactores nucleares, calderas, máquinas, aparatos y artefactos mecánicos..	0.246	0.028	0.246	0.85
85 Máquinas, aparatos y material eléctrico, sus partes; aparatos de grabación..	0.298	0.043	0.298	1.15
86 Vehículos y material para vías o simil. y sus partes; aparatos mecánicos..	0.203	0.028	0.203	1.3
87 Vehículos automoviles, tractores, ciclos, demás vehic. terrestres, sus partes..	0.326	0.068	0.326	1.3
88 Navegación aérea o espacial	0.182	0.03	0.182	1.3
89 Navegación marítima o fluvial	0.21	0.014	0.21	1.3
90 Instrumentos, aparatos de óptica, fotografía, cinematografía, medida, control...	0.227	0.038	0.227	0.94
91 Relojería	0.346	0.068	0.346	0.94
92 Instrumentos de música; partes y accesorios de estos instrumentos	0.367	0.041	0.367	0.75
93 Armas y municiones y sus partes y accesorios	0.222	0.035	0.222	0.1
94 Muebles; mobiliario médicoquirúrgico; artículos de cama y similares	0.415	0.034	0.415	0.66
95 Juguets, juegos, artículos para recreo o para deporte; partes...	0.327	0.046	0.327	0.94
96 Manufacturas diversas	0.381	0.045	0.381	0.66
TOTAL				

CUADRO A1: ARCHIVO DE DATOS PARA TÚNEZ

CATEGORÍA DEL SISTEMA ARMONIZADO	VALOR DE LA CREACIÓN DE COMERCIO	VALOR DE LA DESVIACIÓN DE COMERCIO ( Verdoorn )	EFFECTO TOTAL	GANANCIA POR CREACIÓN DE COMERCIO
25 Sal; azufre; tierras y piedras; yesos, cales y cementos	1643	521.63	2164	558.83
26 Minerales, escorias y cenizas	37	18.27	56	6.53
27 Combustibles minerales, aceites minerales y prod. de su destilación	6395	2469.33	8865	817.42
28 Prod. químicos inorgan.; compuestos inorgan. / organ. de los metales	1054	333.93	1388	156.95
29 Productos químicos orgánicos	2203	1775.43	3978	127.14
30 Productos farmacéuticos	10987	9810.11	20797	1267.33
31 Abonos	157	97.16	254	15.43
32 Extractos curtientes / tintóreos; taninos, sus derivados; pinturas	1677	1388.75	3066	120.70
33 Aceites esenciales y resinoides; prep. de perfumería, de tocador	2868	2603.06	5471	500.99
34 Jabones, agentes de superficie orgánicos, preparac. para lavar, etc	659	566.27	1225	87.98
35 Materias albuminoides; prod. a base de almidón o de fécula modificados	345	303.76	649	16.63
36 Polvos y explosivos; artículos de pirotecnia; fosforos..	82	51.49	133	14.33
37 Productos fotográficos o cinematográficos	1429	1113.09	2542	115.09
38 Miscellaneous chemical products.	1828	1594.28	3423	120.11
39 Materias plásticas y manufacturas de estas materias	4092	3032.75	7125	270.52
40 Caucho y manufacturas de caucho	1129	751.89	1881	184.73
41 Pieles (excepto la peletería) y cueros	1965	1815.94	3781	241.96
42 Manuf. de cuero; artícul. de guarnicionería, talabartería, viaje....	1064	956.95	2021	180.50
43 Peletería, confecciones de peletería; peletería artificial / facticia	262	256.02	518	54.11
44 Madera, carbon vegetal y manufacturas de madera	1940	1225.08	3165	383.58
45 Corcho y sus manufacturas	2	0.25	2	1.59
46 Manufacturas de espartería o de cestería	8	4.73	13	2.37
47 Pasta de madera o de otras materias fibrosas celulósicas; papel..	129	23.63	152	59.62
48 Papel, cartón; manufact. de pasta de celulosa, de papel / de cartón	2794	2029.81	4813	535.02
49 Productos editoriales, de la prensa / de otras industrias gráficas	3507	2769.73	6275	390.17
50 Seda	141	39.69	181	53.37
51 Lana y pelo fino u ordinario; hilados y tejidos de crin	6001	5839.48	11841	547.78
52 Algodón	104739	93139.85	197879	13833.33
53 Las demás fibras textiles vegetales; hilados y tejidos de papel	1052	977.00	2029	108.23
54 Filamentos sintéticos o artificiales	17648	15198.53	32847	1634.27
55 Fibras sintéticas o artificiales discontinuas	56245	51916.48	108162	6072.61
56 Guata, fieltro, telas sin tejer; hilados especiales; cordeles, etc..	6686	6267.88	12954	736.53
57 Alfombras y demás revestimientos para el suelo, de mater. textiles	133	102.17	235	23.95
58 Tejidos especiales; superfic. textiles con pelo insertado; encajes	13207	12806.77	26009	1608.34
59 Tejidos impregnados, recubiertos, revestidos o estratificados..	3267	2796.22	6163	328.51
60 Tejidos de punto	8349	7967.84	16317	1061.36
61 Prendas y complementos de vestir, de punto	26346	26177.17	52523	2794.40
62 Prendas y complementos de vestir, excepto los de punto	56302	55908.68	112210	6121.18
63 Los demás artículos textiles confeccionados; conjuntos / surtidos..	6877	5440.84	12318	1008.98
64 Calzado, polainas, botines y artículos análogos y sus partes	6095	5841.60	11936	684.55
65 Artículos de sombrerería y sus partes	318	289.96	608	54.30
66 Paraguas, sombrillas, quitasoles, bastones asiento, látigos, fustas	80	60.02	140	13.50
67 Plumaz, plumon preparados y artículos de pluma / plumon; flores artificiales	23	5.88	29	15.65
68 Manufacturas de piedra, yeso, cemento, amianto, mica o materias análogas	1393	1165.76	2558	225.99
69 Productos cerámicos	623	562.79	1186	83.38
70 Vidrio y manufacturas de vidrio	607	437.89	1045	80.85
71 Perlas finas o cultivadas, piedras preciosas, semipreciosas y similares	1202	420.92	1623	594.58
72 Fundición, hierro y acero	16135	8546.12	24681	2639.00
73 Manufacturas de fundición, de hierro o de acero	18384	14006.41	32391	2511.55
74 Cobre y manufacturas de cobre	7178	6848.13	14026	665.24
75 Níquel y manufacturas de níquel	91	73.62	165	8.73
76 Aluminio y manufacturas de aluminio	4926	2797.19	7723	670.91
78 Plomo y manufacturas de plomo	13	0.27	13	61.23
79 Cinc y manufacturas de cinc	742	573.10	1315	67.13
80 Estano y manufacturas de estano	65	45.73	110	9.30
81 Los demás metales comunes; "cermetos"; manufacturas de estas materias	19	7.06	26	2.62
82 Herramientas, útiles, artícul. de cuchillera, cubiertos de mesa, de met. comunes	3385	2332.53	5718	648.95
83 Manufacturas diversas de metales comunes	6581	6001.66	12582	1134.84
84 Reactores nucleares, calderas, máquinas, aparatos y artefactos mecánicos..	117251	89507.25	206758	14836.13
85 Máquinas, aparatos y material eléctrico, sus partes; aparatos de grabación..	111236	85755.62	196992	15742.08
86 Vehículos y material para vías o simil. y sus partes; aparatos mecánicos..	942	574.27	1517	116.66
87 Vehículos automotores, tractores, ciclos, demás vehic. terrestres, sus partes..	132785	116724.79	249509	15421.41
88 Navegación aérea o espacial	9245	5409.24	14655	1003.00
89 Navegación marítima o fluvial	979	583.40	1562	150.26
90 Instrumentos, aparatos de óptica, fotografía, cinematografía, medida, control...	17413	11417.62	28830	2089.44
1 Relojería	1492	1171.40	2663	212.19
2 Instrumentos de música; partes y accesorios de estos instrumentos	103	40.85	144	37.67
3 Armas y municiones y sus partes y accesorios	88	86.85	173	7.09
4 Muebles; mobiliario médicoquirúrgico; artículos de cama y similares	4189	3419.91	7609	897.23
5 Juegos, juguetes, artículos para recreo o para deporte; partes...	1326	750.75	2077	282.71
6 Manufacturas diversas	9363	8232.68	17596	1577.66
TOTAL	829603	693782.23	1523385	104708.30

CUADRO A1: ARCHIVO DE DATOS PARA TÚNEZ

CATEGORÍA DEL SISTEMA ARMONIZADO	COSTE DE LA DESVIACIÓN DE COMERCIO	CAMBIO NETO EN EL BIENESTAR	COSTE MÁXIMO DE LA DESVIACIÓN DE COMERCIO
25 Sal; azufre; tierras y piedras; yesos, cales y cementos	565.30	-6.47	31656.80
26 Minerales, escorias y cenizas	0.00	6.53	449.31
27 Combustibles minerales, aceites minerales y prod.de su destilacion	7171.08	-6353.66	92427.29
28 Prod.quimicos inorgan.;compuestos inorgan./organ.de los metales	5958.86	-5801.91	19828.63
29 Productos quimicos organicos	4983.79	-4856.65	16302.90
30 Productos farmaceuticos	0.00	1267.33	29677.60
31 Abonos	342.29	-326.86	1517.96
32 Extractos curtientes/tintoreos;taninos,sus derivados;pinturas	3578.14	-3457.44	12496.77
33 Aceites esenciales y resinoides;prep.de perfumeria,de tocador	896.08	-395.09	8803.99
34 Jabones,agentes de superficie organicos,preparac.para lavar,et;	603.07	-515.09	4975.34
35 Materias albuminoides;prod.a base de amidon o de fecula modificados	758.54	-741.90	2325.35
36 Polvoras y explosivos; articulos de pirotecnia; fosforos..	169.31	-154.98	866.76
37 Productos fotograficos o cinematograficos	1138.92	-1023.83	4495.73
38 Miscellaneous chemical products.	3239.84	-3119.73	12653.70
39 Materias plasticas y manufacturas de estas materias	24934.36	-24663.84	68569.49
40 Caucho y manufacturas de caucho	1877.38	-1692.65	21385.75
41 Pieles (excepto la peleteria) y cueros	2024.70	-1782.74	26928.51
42 Manuf.de cuero;articul.de guarnicioneria,talabarteria,viaje....	414.65	-234.15	3308.91
43 Peleteria,confecciones de peleteria;peleteria artificial/facticia	23.14	30.97	765.40
44 Madera, carbon vegetal y manufacturas de madera	4371.62	-3988.04	40373.18
45 Corcho y sus manufacturas	15.73	-14.13	151.30
46 Manufacturas de esparteria o de cesteria	19.00	-16.63	201.50
47 Pasta de madera o de otras materias fibrosas celulosicas;papel..	0.00	59.52	8206.41
48 Papel,carton;manufact. de pasta de celulosa,de papel/de carton	8582.02	-8047.06	53369.81
49 Productos editoriales,de la prensa/de otras industrias graficas	513.21	-123.04	5726.33
50 Seda	113.44	-60.07	967.79
51 Lana y pelo fino u ordinario; hilados y tejidos de crin	2241.71	-1693.92	11867.85
52 Algodon	50581.38	-36748.05	245024.07
53 Las demas fibras textiles vegetales;hilados y tejidos de papel	244.86	-136.63	2133.78
54 Filamentos sinteticos o artificiales	11443.63	-9809.36	40644.62
55 Fibras sinteticas o artificiales discontinuas	31363.69	-25291.08	125102.36
56 Guata,fletero,telas sin tejer;hilados especiales;cordeles,etc..	3194.10	-2457.57	14479.92
57 Alfombras y demas revestimientos para el suelo,de mater.textiles	74.12	-50.17	374.96
58 Tejidos especiales;superfic.textiles con pelo insertado;encajes	6808.27	-5139.93	28953.06
59 Tejidos impregnados, recubiertos, revestidos o estratificados..	1881.75	-1553.25	7864.08
60 Tejidos de punto	1716.99	-3655.63	18956.12
61 Prendas y complementos de vestir, de punto	17051.40	-14257.00	57330.30
62 Prendas y complementos de vestir, excepto los de punto	35540.51	-29419.33	122872.08
63 Los demas articulos textiles confeccionados;conjuntos/surtidos..	4837.31	-3828.34	18727.94
64 Calzado,polainas,botines y articulos analogos y sus partes	3856.59	-3172.05	13661.49
65 Articulos de sombreroeria y sus partes	65.48	-11.18	726.10
66 Paraguas,sombrillas,quitasoias,bastones asiento,latigos,fustas	32.60	-19.10	217.10
67 Plumas,plumon preparados y articulos de pluma/plumon;flores artificiales	17.84	-2.19	191.78
68 Manufacturas de piedra,yeso,cemento,amianto,mica o materias analogas	212.47	13.52	2919.21
69 Productos ceramicos	1485.00	-1401.62	9261.00
70 Vidrio y manufacturas de vidrio	2045.56	-1964.71	10860.06
71 Perlas finas o cultivadas, piedras preciosas, semipreciosas y similares	280.00	313.77	9394.30
72 Fundicion, hierro y acero	3835.65	-1195.65	48904.51
73 Manufacturas de fundicion, de hierro o de acero	6076.06	-3564.50	41375.05
74 Cobre y manufacturas de cobre	1924.43	-1259.20	12508.82
75 Niquel y manufacturas de niquel	16.08	-7.35	177.85
78 Aluminio y manufacturas de aluminio	3732.33	-3081.42	14789.36
78 Plomo y manufacturas de plomo	144.04	-82.81	1011.88
79 Cinc y manufacturas de cinc	313.50	-246.37	1560.38
80 Estano y manufacturas de estano	6.63	2.67	148.51
81 Los demas metales comunes;"cermets"; manufacturas de estas materias	20.00	-17.37	81.84
82 Herramientas,utiles,articul.de cuchillera,cubiertos de mesa,de met.comunes	1077.38	-428.44	8798.84
83 Manufacturas diversas de metales comunes	1095.63	39.21	13218.28
84 Reactores nucleares,calderas,maquinas,aparatos y artefactos mecanicos..	25626.83	-10790.70	225150.02
85 Maquinas, aparatos y material electrico,sus partes;aparatos de grabacion..	23499.41	-7757.33	162856.40
86 Vehiculos y material para vias o simiil. y sus partes;aparatos mecanicos..	197.40	-80.74	1431.15
87 Vehiculos automoviles,tractores,ciclos,demas vehic.terrestres,sus partes..	32138.36	-16716.95	154075.10
88 Navegacion aerea o espacial	2368.32	-1365.32	14367.81
89 Navegacion maritima o fluvial	101.93	48.32	1529.01
90 Instrumentos,aparatos de optica,fotografia,cinematografia,medida,control...	5802.79	-3713.35	34664.04
91 Relojeria	534.68	-322.49	2720.60
92 Instrumentos de musica;partes y accesorios de estos instrumentos	52.97	-15.31	474.16
93 Armas y municiones y sus partes y accesorios	173.36	-166.27	1099.57
94 Muebles;mobiliario medicoquirurgico;articulos de cama y similares	901.10	-3.87	10998.75
95 Juguetes,juegos,articulos para recreo o para deporte;partes...	465.01	-182.30	3305.64



CUADRO A1: ARCHIVO DE DATOS PARA TÚNEZ

CATEGORÍA DEL SISTEMA ARMONIZADO		IMPORTACIONES DE MARRUECOS	VALOR DE LA CREACIÓN DE COMERCIO UE + MARRUECOS	VALOR DE LA CREACIÓN DE COMERCIO MARRUECOS
25	Sal; azufre; tierras y piedras; yesos, cales y cementos	1668	1703.68	81
26	Minerales, escorias y cenizas	578	54.25	17
27	Combustibles minerales, aceites minerales y prod. de su destilación	31665	7053.74	658
28	Prod. químicos inorgán.; compuestos inorgán./organ. de los metales	26	1054.43	-1
29	Productos químicos orgánicos	0	2202.82	0
30	Productos farmacéuticos	956	11068.23	82
31	Abonos	0	156.52	0
32	Extractos curtientes/tintóreos; taninos, sus derivados; pinturas	0	1677.14	0
33	Aceites esenciales y resinoides; prep. de perfumería, de tocador	0	2868.08	0
34	Jabones, agentes de superficie orgánicos, preparac. para lavar, etc	134	665.26	6
35	Materias albuminoides; prod. a base de almidón o de fécula modificados	0	344.98	0
36	Pólvoras y explosivos; artículos de pirotecnia; fosforos..	0	81.52	0
37	Productos fotográficos o cinematográficos	0	1429.16	0
38	Miscellaneous chemical products.	60	1830.38	2
39	Materias plásticas y manufacturas de estas materias	96	4093.76	2
40	Caucho y manufacturas de caucho	993	1149.40	21
41	Pieles (excepto la peletería) y cueros	710	1980.27	15
42	Manuf. de cuero; articul. de guarnicionería, talabartería, viajes....	0	1063.81	0
43	Peletería, confecciones de peletería; peletería artificial/facticia	0	261.76	0
44	Madera, carbon vegetal y manufacturas de madera	310	1947.54	7
45	Corcho y sus manufacturas	0	1.68	0
46	Manufacturas de espartería o de cestería	0	8.24	0
47	Pasta de madera o de otras materias fibrosas celulósicas; papel..	13395	323.38	195
48	Papel, cartón; manufact. de pasta de celulosa, de papel/de cartón	0	2783.69	0
49	Productos editoriales, de la prensa/de otras industrias gráficas	43	3513.71	7
50	Seda	0	141.12	0
51	Lana y pelo fino u ordinario; hilados y tejidos de crin	67	6010.67	9
52	Algodón	10	104740.89	2
53	Las demás fibras textiles vegetales; hilados y tejidos de papel	0	1051.68	0
54	Filamentos sintéticos o artificiales	174	17675.48	27
55	Fibras sintéticas o artificiales discontinuas	51	56254.31	9
56	Guata, felpo, telas sin tejer; hilados especiales; cordeles, etc..	343	6743.39	57
57	Alfombras y demás revestimientos para el suelo, de mator. textiles	0	132.97	0
58	Tejidos especiales; superfic. textiles con pelo insertado; encajes	53	13212.54	10
59	Tejidos impregnados, recubiertos, revestidos o estratificados..	0	3367.26	0
60	Tejidos de punto	0	8349.28	0
61	Prendas y complementos de vestir, de punto	0	26345.92	0
62	Prendas y complementos de vestir, excepto los de punto	0	56301.55	0
63	Los demás artículos textiles confeccionados; conjuntos/surtidos..	6	6878.19	1
64	Calzado, polainas, botines y artículos análogos y sus partes	0	6094.65	0
65	Artículos de sombrerería y sus partes	0	317.67	0
66	Paraguas, sombrillas, quitasoles, bastones asiento, látigos, fustas	0	79.73	0
67	Plumas, plumón preparados y artículos de pluma/plumón; flores artificiales	0	22.82	0
68	Manufacturas de piedra, yeso, cemento, amianto, mica o materias análogas	227	1433.53	41
69	Productos cerámicos	89	625.24	2
70	Vidrio y manufacturas de vidrio	129	609.61	3
71	Perlas finas o cultivadas, piedras preciosas, semipreciosas y similares	100	1215.64	13
72	Fundición, hierro y acero	338	16178.23	43
73	Manufacturas de fundición, de hierro o de acero	767	18512.05	128
74	Cobre y manufacturas de cobre	0	7177.81	0
75	Níquel y manufacturas de níquel	0	90.91	0
76	Aluminio y manufacturas de aluminio	122	4945.65	20
77	Plomo y manufacturas de plomo	2890	488.13	475
78	Cinc y manufacturas de cinc	0	741.75	0
79	Estano y manufacturas de estano	0	64.51	0
80	Los demás metales comunes; "cermeta"; manufacturas de estas materias	0	19.19	0
81	Herramientas, útiles, articul. de cuchillera, cubiertos de mesa, de mat. comunes	0	3385.43	0
82	Manufacturas diversas de metales comunes	0	6580.52	0
83	Reactores nucleares, calderas, máquinas, aparatos y artefactos mecánicos..	1713	117538.20	287
84	Máquinas, aparatos y material eléctrico, sus partes; aparatos de grabación..	680	111415.52	180
85	Vehículos y material para vías o simil. y sus partes; aparatos mecánicos..	0	942.41	0
86	Vehículos automóviles, tractores, ciclos, demás vehic. terrestres, sus partes..	1137	133146.39	362
87	Navegación aérea o espacial	0	9245.42	0
88	Navegación marítima o fluvial	0	978.96	0
89	Instrumentos, aparatos de óptica, fotografía, cinematografía, medida, control...	0	17412.82	0
90	Relojería	0	1491.85	0
91	Instrumentos de música; partes y accesorios de estos instrumentos	0	103.09	0
92	Armas y municiones y sus partes y accesorios	0	88.40	0
93	Muebles; mobiliario médicoquirúrgico; artículos de cama y similares	9	4190.38	2
94	Juguetes, juegos, artículos para recreo o para deporte; partes...	0	1325.88	0
95	Manufacturas diversas	0	9363.02	0
96	TOTAL	59534	832348.08	2745

J A1: ARCHIVO DE DATOS PARA TÚNEZ

CATEGORÍA DEL SISTEMA ARMONIZADO	VALOR DE LA DESVIACIÓN DE COMERCIO UE + MARRUECOS	VALOR DE LA DESVIACIÓN DE COMERCIO MARRUECOS	VALOR DE LA EXPANSIÓN DE COMERCIO MARRUECOS
al; azufre; tierras y piedras; yesos, cales y cementos	561.13	39.50	100.55
lminerales, escorias y cenizas	38.33	20.06	38.85
ombustibles minerales; aceites minerales y prod.de su destilacion	3003.81	534.48	1192.75
rod. quimicos inorgan.; compuestos inorgan./organ. de los metales	334.47	0.53	1.37
roductos quimicos organicos	1775.43	0.00	0.00
roductos farmaceuticos	9956.46	146.35	228.00
bonos	97.16	0.00	0.00
xtractos curtientes/tintoreos; taninos, sus derivados; pinturas	1388.75	0.00	0.00
ceites esenciales y resinoides; prep. de perfumeria, de tocador	2603.06	0.00	0.00
abones, agentes de superficie organicos, preparac. para lavar, etc	576.86	10.59	16.73
laterias albuminoidas; prod. a base de almidon o de fecula modificados	303.76	0.00	0.00
olvoras y explosivos; articulos de pirotecnia; fosforos..	51.49	0.00	0.00
roductos fotograficos o cinematograficos	1113.09	0.00	0.00
liscellaneous chemical products.	1597.87	3.59	5.65
laterias plasticas y manufacturas de estas materias	3035.53	2.77	4.64
caucho y manufacturas de caucho	779.60	27.71	48.33
leles (excepto la peleteria) y cueros	1843.62	27.67	42.59
lanuf. de cuero; articul. de guarnicioneria, talabarteria, viaje....	956.95	0.00	0.00
eleteria, confecciones de peleteria; peleteria artificial/facticia	256.02	0.00	0.00
ladera, carbon vegetal y manufacturas de madera	1234.46	9.37	16.78
lorcho y sus manufacturas	0.25	0.00	0.00
lanufacturas de esparteria o de cesteria	4.73	0.00	0.00
lasta de madera o de otras materias fibrosas celulosicas; papel..	149.09	125.46	320.09
apel, carton; manufact. de pasta de celulosa, de papel/de carton	2029.81	0.00	0.00
roductos editoriales, de la prensa/de otras industrias graficas	2779.90	11.18	18.25
teda	39.69	0.00	0.00
ana y pelo fino u ordinario; hilados y tejidos de crin	5857.79	18.31	27.71
ligodon	93143.04	3.19	4.98
as demas fibras textiles vegetales; hilados y tejidos de papel	977.00	0.00	0.00
lamentos sinteticos o artificiales	15245.26	46.73	73.84
lbras sinteticas o artificiales discontinuas	51932.76	16.28	25.10
uata, fieltro, telas sin tejer; hilados especiales; cordeles, etc..	6376.04	108.16	165.60
lfombras y demas revestimientos para el suelo, de mater. textiles	102.17	0.00	0.00
tejidos especiales; superfic. textiles con pelo insertado; encajes	12826.30	19.54	29.60
tejidos impregnados, recubiertos, revestidos o estratificados..	2796.22	0.00	0.00
tejidos de punto	7967.84	0.00	0.00
trendas y complementos de vestir, de punto	26177.17	0.00	0.00
trendas y complementos de vestir, excepto los de punto	55908.68	0.00	0.00
os demas articulos textiles confeccionados; conjuntos/surtidos..	5442.70	1.86	3.03
Calzado, polainas, botines y articulos analogos y sus partes	5841.60	0.00	0.00
Articulos de sombrereria y sus partes	289.96	0.00	0.00
Paraguas, sombrillas, quitasoles, bastones asiento, latigos, fustas	60.02	0.00	0.00
Plumas, plumon preparados y articulos de pluma/plumon; flores artificiales	5.88	0.00	0.00
Manufacturas de piedra, yeso, cemento, amianto, mica o materias analogas	1235.21	69.45	110.33
roductos ceramicos	566.91	4.11	6.39
ldrio y manufacturas de vidrio	442.11	4.22	7.13
erlas floas o cultivadas, piedras preciosas, semipreciosas y similares	430.39	9.47	22.92
Fundicion, hierro y acero	8591.68	45.56	88.51
Manufacturas de fundicion, de hierro o de acero	14202.02	195.62	323.55
Cobre y manufacturas de cobre	6848.13	0.00	0.00
Niquel y manufacturas de niquel	73.62	0.00	0.00
Aluminio y manufacturas de aluminio	2819.78	22.59	42.43
Plomo y manufacturas de plomo	402.19	401.92	877.38
Cinc y manufacturas de cinc	573.10	0.00	0.00
Estano y manufacturas de estano	45.73	0.00	0.00
Los demas metales comunes: "cermets"; manufacturas de estas materias	7.06	0.00	0.00
Herramientas, utiles, articul. de cuchillera, cubiertos de mesa, de mat. comunes	2332.53	0.00	0.00
Manufacturas diversas de metales comunes	6001.66	0.00	0.00
Reactores nucleares, calderas, maquinas, aparatos y artefactos mecanicos..	89946.69	439.44	728.91
Maquinas, aparatos y material electrico, sus partes; aparatos de grabacion..	86032.67	277.04	458.58
Vehiculos y material para vias o simil. y sus partes; aparatos mecanicos..	574.27	0.00	0.00
Vehiculos automoviles, tractores, ciclos, demas vehic. terrestres, sus partes..	117361.73	636.94	998.74
Navegacion aerea o espacial	5409.24	0.00	0.00
Navegacion maritima o fluvial	583.40	0.00	0.00
Instrumentos, aparatos de optica, fotografia, cinematografia, medida, control...	11417.62	0.00	0.00
Relojeria	1171.40	0.00	0.00
Instrumentos de musica; partes y accesorios de estos instrumentos	40.85	0.00	0.00
Armas y municiones y sus partes y accesorios	86.85	0.00	0.00
Muebles; mobiliario medicoquirurgico; articulos de cama y similares	3422.76	2.85	4.59
Juguetes, juegos, articulos para recreo o para deporte; partes...	750.75	0.00	0.00
Manufacturas diversas	8232.68	0.00	0.00
	697064.76	3282.53	6027.91

## ADRO A1: ARCHIVO DE DATOS PARA TÚNEZ

CATEGORÍA DEL SISTEMA ARMONIZADO	IMPORTACIONES DE EGIPTO	VALOR DE LA CREACIÓN DE COMERCIO UE + EGIPTO	VALOR DE LA CREACIÓN DE COMERCIO EGIPTO
Sal; azufre; tierras y piedras; yesos, calas y cementos	117	1646.91	4
Minerales, escorias y cenizas	136	41.41	4
Combustibles minerales, aceites minerales y prod. de su destilación	11359	6631.60	236
Prod. químicos inorgan.; compuestos inorgan./organ. de los metales	262	1062.07	8
Productos químicos orgánicos	0	2202.82	0
Productos farmacéuticos	0	10986.58	0
Abonos	0	156.52	0
Extractos curtientes/tintóreos; taninos, sus derivados; pinturas	0	1677.14	0
Aceites esenciales y resinoides; prep. de perfumería, de tocador	0	2868.08	0
Jabones, agentes de superficie orgánicos, preparac. para lavar, etc	13	659.72	1
Materias albuminoides; prod. a base de almidón o de fecula modificados	0	344.98	0
Polvoras y explosivos; artículos de pirotecnia; fosforos..	0	81.52	0
Productos fotográficos o cinematográficos	0	1429.16	0
Miscellaneous chemical products.	0	1828.32	0
Materias plásticas y manufacturas de estas materias	612	4103.81	12
Caucho y manufacturas de caucho	0	1128.78	0
Pieles (excepto la peletería) y cueros	13	1965.63	0
Manuf. de cuero; articul. de guarnicionería, talabartería, viaje....	0	1063.81	0
Peletería, confecciones de peletería; peletería artificial/facticia	0	261.76	0
Madera, carbon vegetal y manufacturas de madera	65	1941.69	2
Corcho y sus manufacturas	0	1.68	0
Manufacturas de espartería o de cestería	0	8.24	0
Pasta de madera o de otras materias fibrosas celulósicas; papel..	0	128.75	0
Papel, cartón; manufact. de pasta de celulosa, de papel/de cartón	291	2791.98	8
Productos editoriales, de la prensa/de otras industrias gráficas	916	3657.25	151
Seda	0	141.12	0
Lana y pelo fino u ordinario; hilados y tejidos de crin	11	6002.81	2
Algodón	2548	105195.96	457
Las demás fibras textiles vegetales; hilados y tejidos de papel	0	1051.68	0
Filamentos sintéticos o artificiales	23	17651.95	4
Fibras sintéticas o artificiales discontinuas	444	56322.26	77
Guata, fieltro, telas sin tejer; hilados especiales; cordeles, etc..	0	6685.95	0
Alfombras y demás revestimientos para el suelo, de mater. textiles	0	132.97	0
Tejidos especiales; superfic. textiles con pelo insertado; encajes	0	13202.48	0
Tejidos impregnados, recubiertos, revestidos o estratificados..	0	3367.26	0
Tejidos de punto	0	8349.28	0
Prendas y complementos de vestir, de punto	0	26345.92	0
Prendas y complementos de vestir, excepto los de punto	0	56301.55	0
Los demás artículos textiles confeccionados; conjuntos/surtidos..	0	8877.02	0
Calzado, polainas, botines y artículos análogos y sus partes	0	6094.85	0
Artículos de sombrerería y sus partes	0	317.87	0
Paraguas, sombrillas, quitasoles, bastones asiento, latigos, fustas	0	79.73	0
Plumas, plumón preparados y artículos de pluma/plumón; flores artificiales	0	22.82	0
Manufacturas de piedra, yeso, cemento, amianto, mica o materias análogas	0	1392.65	0
Productos cerámicos	19	623.45	0
Vidrio y manufacturas de vidrio	247	612.27	6
Perlas finas o cultivadas, piedras preciosas, semipreciosas y similares	0	1202.19	0
Fundición, hierro y acero	1177	16284.84	150
Manufacturas de fundición, de hierro o de acero	0	18384.12	0
Cobre y manufacturas de cobre	0	7177.81	0
Níquel y manufacturas de níquel	0	90.91	0
Aluminio y manufacturas de aluminio	9120	6409.50	1484
Plomo y manufacturas de plomo	0	12.67	0
Cinc y manufacturas de cinc	0	741.75	0
Estano y manufacturas de estano	0	64.51	0
Los demás metales comunes; "cermets"; manufacturas de estas materias	0	19.19	0
Herramientas, útiles, articul. de cuchillera, cubiertos de mesa, de met. comunes	253	3433.89	48
Manufacturas diversas de metales comunes	24	8585.42	5
Reactores nucleares, calderas, máquinas, aparatos y artefactos mecánicos..	186	117281.94	31
Máquinas, aparatos y material eléctrico, sus partes; aparatos de grabación..	25	111242.58	7
Vehículos y material para vías o simil. y sus partes; aparatos mecánicos..	0	942.41	0
Vehículos automoviles, tractores, ciclos, demás vehic. terrestres, sus partes..	0	132784.59	0
Navegación aérea o espacial	0	9245.42	0
Navegación marítima o fluvial	0	978.96	0
Instrumentos, aparatos de óptica, fotografía, cinematografía, medida, control...	51	17421.69	9
Relojería	0	1491.85	0
Instrumentos de música; partes y accesorios de estos instrumentos	0	103.09	0
Armas y municiones y sus partes y accesorios	0	88.40	0
Muebles; mobiliario médicoquirúrgico; artículos de cama y similares	68	4201.80	13
Juguetes, juegos, artículos para recreo o para deporte; partes...	0	1325.88	0
Manufacturas diversas	0	9363.02	0

CUADRO A1: ARCHIVO DE DATOS PARA TÚNEZ

CATEGORÍA DEL SISTEMA ARMONIZADO	VALOR DE LA DESVIACIÓN DE COMERCIO UE+ EGIPTO	VALOR DE LA DESVIACIÓN DE COMERCIO EGIPTO	VALOR DE LA EXPANSIÓN DE COMERCIO EGIPTO
25 Sal; azufre; tierras y piedras; yesos, cales y cementos	524.36	2.72	7
26 Minerales, escorias y cenizas	22.33	4.06	8
27 Combustibles minerales, aceites minerales y prod. de su destilación	2655.04	185.71	422
28 Prod. químicos inorgan.; compuestos inorgan./organ. de los metales	339.33	5.40	14
29 Productos químicos orgánicos	1775.43	0.00	0
30 Productos farmacéuticos	9810.11	0.00	0
31 Abonos	97.16	0.00	0
32 Extractos curtientes/tintóreos; taninos, sus derivados; pinturas	1388.75	0.00	0
33 Aceites esenciales y resinoides; prep. de perfumería, de tocador	2603.06	0.00	0
34 Jabones, agentes de superficie orgánicos, preparac. para lavar, etc	567.29	1.02	2
35 Materias albuminoides; prod. a base de almidón o de fécula modificados	303.76	0.00	0
36 Polvos y explosivos; artículos de pirotecnia; fosforos..	51.49	0.00	0
37 Productos fotográficos o cinematográficos	1113.09	0.00	0
38 Miscellaneous chemical products.	1594.28	0.00	0
39 Materias plásticas y manufacturas de estas materias	3050.46	17.70	30
40 Caucho y manufacturas de caucho	751.89	0.00	0
41 Pieles (excepto la peletería) y cueros	1816.45	0.50	1
42 Manuf. de cuero: articul. de guarnicionería, talabartería, viaje....	956.95	0.00	0
43 Peletería, confecciones de peletería; peletería artificial/facticia	256.02	0.00	0
44 Madera, carbon vegetal y manufacturas de madera	1227.05	1.96	4
45 Corcho y sus manufacturas	0.25	0.00	0
46 Manufacturas de espartería o de cestería	4.73	0.00	0
47 Pasta de madera o de otras materias fibrosas celulósicas; papel..	23.63	0.00	0
48 Papel, cartón; manufact. de pasta de celulosa, de papel/de cartón	2041.91	12.10	20
49 Productos editoriales, de la prensa/de otras industrias gráficas	3011.67	242.94	394
50 Seda	39.69	0.00	0
51 Lana y pelo fino u ordinario; hilados y tejidos de crin	5842.48	3.00	5
52 Algodón	93954.15	814.30	1271
53 Las demás fibras textiles vegetales; hilados y tejidos de papel	977.00	0.00	0
54 Filamentos sintéticos o artificiales	15204.70	6.17	10
55 Fibras sintéticas o artificiales discontinuas	52058.31	141.83	219
56 Guata, fieltro, telas sin tejer; hilados especiales; cordeles, etc..	6267.88	0.00	0
57 Alfombras y demás revestimientos para el suelo, de mater. textiles	102.17	0.00	0
58 Tejidos especiales; superfic. textiles con pelo insertado; encajes	12806.77	0.00	0
59 Tejidos impregnados, recubiertos, revestidos o estratificados..	2796.22	0.00	0
60 Tejidos de punto	7967.84	0.00	0
61 Prendas y complementos de vestir, de punto	26177.17	0.00	0
62 Prendas y complementos de vestir, excepto los de punto	55908.68	0.00	0
63 Los demás artículos textiles confeccionados; conjuntos/surtidos...	5440.84	0.00	0
64 Calzado, polainas, botines y artículos análogos y sus partes	5841.60	0.00	0
65 Artículos de sombrerería y sus partes	289.96	0.00	0
66 Paraguas, sombrillas, quitasoles, bastones asiento, látigos, fustas	60.02	0.00	0
67 Plumás, plumón preparados y artículos de pluma/plumón; flores artificiales	5.88	0.00	0
68 Manufacturas de piedra, yeso, cemento, amianto, mica o materias análogas	1165.76	0.00	0
69 Productos cerámicos	563.67	0.88	1
70 Vidrio y manufacturas de vidrio	445.99	8.10	14
71 Perlas finas o cultivadas, piedras preciosas, semipreciosas y similares	420.92	0.00	0
72 Fundición, hierro y acero	8705.29	159.17	309
73 Manufacturas de fundición, de hierro o de acero	14006.41	0.00	0
74 Cobre y manufacturas de cobre	6848.13	0.00	0
75 Níquel y manufacturas de níquel	73.62	0.00	0
76 Aluminio y manufacturas de aluminio	4736.05	1938.86	3423
78 Plomo y manufacturas de plomo	0.27	0.00	0
79 Cinc y manufacturas de cinc	573.10	0.00	0
80 Estano y manufacturas de estano	45.73	0.00	0
81 Los demás metales comunes; "cermets"; manufacturas de estas materias	7.06	0.00	0
82 Herramientas, útiles, articul. de cuchillera, cubiertos de mesa, de met. comunes	2399.79	67.26	118
83 Manufacturas diversas de metales comunes	6010.60	8.94	14
84 Reactores nucleares, calderas, máquinas, aparatos y artefactos mecánicos..	89554.91	47.66	79
85 Máquinas, aparatos y material eléctrico, sus partes; aparatos de grabación..	85765.80	10.18	17
86 Vehículos y material para vías o simil. y sus partes; aparatos mecánicos..	574.27	0.00	0
87 Vehículos automóviles, tractores, ciclos, demás vehic. terrestres, sus partes..	116724.79	0.00	0
88 Navegación aérea o espacial	5409.24	0.00	0
89 Navegación marítima o fluvial	583.40	0.00	0
90 Instrumentos, aparatos de óptica, fotografía, cinematografía, medida, control...	11429.26	11.63	21
91 Relojería	1171.40	0.00	0
92 Instrumentos de música; partes y accesorios de estos instrumentos	40.85	0.00	0
93 Armas y municiones y sus partes y accesorios	86.85	0.00	0
94 Muebles; mobiliario médicoquirúrgico; artículos de cama y similares	3441.44	21.53	35
95 Juguetes, juegos, artículos para recreo o para deporte; partes...	750.75	0.00	0
96 Manufacturas diversas	8232.68	0.00	0
	697495.86	3713.64	6431