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RCA (REVEALED COMPARATIVE ADVANTAGE): TESTING A CONCEPT FOR AUSTRIA

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PREFACE

Problems of industrial development have been pushed into the focus of economic policy design by the recent decline in economic performance in many countries. Most of the industrially advanced countries seem to be becoming more and more economically (but also technologically and not seldom financially) interdependent. For the policy maker, the character and pattern of this interdependence is of paramount importance. The pattern is to a large extent determined by the a particular country's endowments and it would be useful not only for research but also for practice for a country to have a comparative advantage. A comparative advantage in relation to other countries depends on several factors and can manifest itself in many areas. Perhaps the most important of these--especially for small open economies--is foreign trade.

This working paper by Kurt Obermeier represents an attempt to test the relevance and "disclosing power" of the simple formula of revealed comparative advantage suggested by Bela Balassa on the data of a small open economy: Austria. The paper shows what difficulties emerge in the practical use of this formula and what conclusions one can draw from the message it conveys. Certainly it allows a certain metrics to be designed into a volatile field where it can then convey counterintuitive results. The encouraging results of this working paper warrant further study.

Tibor Vasko
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CONTENTS

RCA (REVEALED COMPARATIVE ADVANTAGE): TESTING A CONCEPT FOR AUSTRIA

Kurt Obermeier

1. Introduction

In recent years declining economic performance has given rise to a new interest in industrial policies and has begun to concern policymakers at various levels and pose stimulating questions to economists. In a setting of sharp division of labor on an international scale, industry and industrial development have been providing the world with growing standards of living (see Vasko 1981).

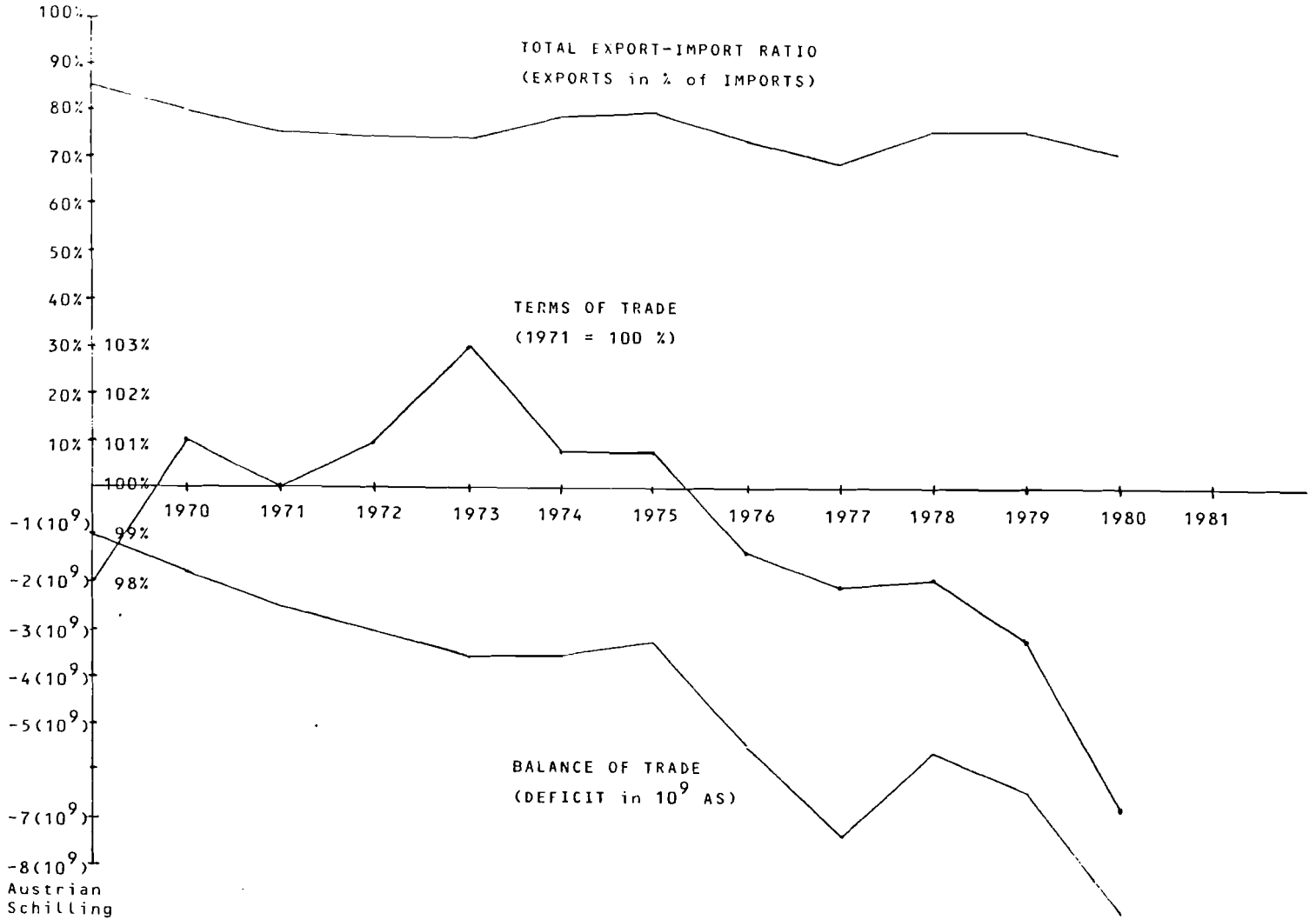
Recent developments in Austria's system of international trade relations are attracting particular attention and have led to discussions of measures to stop the recently increasing gap between exports and imports (see Figure 1). Two principal measures are being considered to alleviate this problem:

- substitutions for imports
- stimulation of exports.

(See Androsch 1981.) Both strategies entail numerous questions relating to industrial development and innovation management, two topics currently being studied at IIASA.

This paper sets out to investigate questions relating to any given economy's system of foreign trade. The concept of comparative advantage is regarded as a key to explaining why a particular economy exports the commodities it does (see Samuelson 1964). This question is of interest when analyzing economic mechanisms involving exportation of commodities, which in turn is important to a discussion of industrial development, particularly for small open economies like Austria's, where

Figure 1. Development of Foreign Trade of Austria 1969 - 1980: Selected Indicators.



Source: Austrian Central Bureau of Statistics

industrial development cannot be separated from exportation since by definition the domestic market is too narrow for industrial operation of economy of scale.

In particular, this paper tests a measure for comparative advantage as suggested by Bela Balassa in 1965. We have investigated whether this measure, called "revealed comparative advantage" (RCA), is appropriate for structuring an economy's export system and the composition of commodities it exports. This investigation is done for the case of Austria. From that structure we hope to gain insight into the distribution of competitiveness (at an international level) among economic sectors. Further, the analysis is intended as a means of isolating major trends in industrial restructuring as shown by changes in the RCA (UNIDO 1981).

2. Comparative Advantage

The concept of comparative advantage dates back to David Ricardo who, using a two-country, two-goods model, proved what Samuelson terms "uncommon sense" (Samuelson 1964). Defying intuitive reasoning, Ricardo proved that international trade can be mutually profitable even when one country has an absolute advantage in both goods! In his model Ricardo measured costs in terms of the number of days of labor required to produce a particular good, a country being said to have a comparative (cost) advantage in producing a particular commodity if it does so at a lower *relative cost* than its trade partners. This model, of course, implies perfect market competition, where cost alone determines price. Even in more sophisticated and advanced applications of comparative advantage, however, the basic principle demonstrated in the two-country, two-goods model retains a germ of truth (Samuelson 1964).

Apart from the validity of assumption of perfect market conditions the apparent difficulty is to measure comparative advantage. This measurement rests on an operation definition of "cost" which is commonly a source of definitional debate. Finally, this is a laborious exercise, the results of which might be disappointing in view of the difficulty in assigning values to the variables (Balassa 1965).

3. RCA

Bela Balassa (1965) has suggested an alternative method for measuring comparative advantage, which he calls "revealed comparative advantage." It is based on the following rationale:

In addition to the measurement problem, he refers to the problem that theoretical discussions tend to neglect non-price factors such as quality differences, goodwill, service, and the availability of repair facilities, factors that bear as much influence on the pattern of international trade as cost considerations do. An explanation of the worldwide success of Volkswagen, for example, would be incomplete without the consideration of non-price variables.

Balassa asks a crucial question: "...is it necessary to take into explicit account all influences that determine comparative advantage? Is it not sufficient if certain questions provide information about the 'revealed comparative advantage'?"

Thus the revealed comparative advantage is "indicated by the trade performance of individual countries... in the sense that the commodity pattern of trade reflects relative costs *as well as* differences in non-price factors."

If comparative advantage determines the system of international flows of commodities, then export-import ratios would reflect relative advantage. The higher the ratio of the value of exports over the value of imports in a given commodity, the higher the country's advantage in producing these commodities is likely to be. This should hold true even when the aggregation of statistical data (as used for this analysis) allows for exports and imports within the same category.

3.1. Properties and Limitations of RCA

The degree to which one can generalize about RCA values is limited by certain factors:

- the method assumes a uniformity of tastes and tariffs that apparently does not reflect the reality;
- an increase in imports of intermediate products due to the transformation of those intermediate products into export commodities of a different nature reduces the export-import ratio for that particular intermediate commodity, even when the international competitiveness of that industry is not affected (HWWA 1980, Balassa 1965);
- since the revealed comparative advantage takes into consideration only cross-border flow of goods, it largely neglects the question of whether increases in national and international demand are satisfied by national or by international production (see HWWA 1980).
- As RCA reflects a mixture of market conditions and government intervention (e.g., tariffs and non-tariff barriers), it appears to be rather more a summarily measured gauge of changes in the comparative advantage of exports than an instrument for future decisionmaking. Nevertheless, an index of expected further RCA development that has been developed according to an approach suggested by Balassa will be shown.

But despite these limitations, the revealed comparative advantage is considered to be "one of the best available measures for quantifying the comparative advantages between countries" (UNIDO 1980).

3.2. Formulas

A formula for the computation of RCA is presented below (UNIDO 1980):

$$RCA_{ij}^{t} = \log \left\{ \frac{\dfrac{x_{ij}^{t}}{\sum_{i} x_{ij}^{t}}}{\dfrac{m_{ij}^{t}}{\sum_{i} m_{ij}}} \right\}. \qquad (1)$$

where i = commodity according to 2-digit SITC (see 4.1)
j = regional area (see 4.3)
t = 1969, 1979
x = exports in AS
m = imports in AS.

This can be restated as follows:

$$RCA_{ij}^{t} = \log\left\{\frac{\frac{x_{ij}^{t}}{m_{ij}^{t}}}{\frac{\sum_{i} x_{ij}^{t}}{\sum_{i} m_{ij}^{t}}}\right\} \tag{2}$$

$$RCA_{ij}^{t} = \log\left[\frac{x_{ij}^{t}}{m_{ij}^{t}} \times \frac{\sum m_{ij}^{t}}{\sum x_{ij}^{t}}\right] \tag{3a}$$

$$RCA_{ij}^{t} = \left[\frac{x_{ij}^{t}}{m_{ij}^{t}} \times \left(\frac{\sum x_{ij}^{t}}{\sum m_{ij}^{t}}\right)^{-1}\right] \tag{3b}$$

Equation (1) describes a given commodity's RCA as the logarithm of the ratio between its share in total exports and its share in total imports. The expression within the brackets (before taking the logarithm) affords direct interpretation in the following way: an index of 1.10 indicates that a particular commodity has a share of exports that is 10% higher than the same commodity's share of imports in total imports; an index of .80 indicates a share of exports that is 20% below the respective share of imports.* If the value inside the brackets is greater than 1, we obtain a positive figure after taking the logarithm, indicating a "revealed comparative advantage", whereas values smaller than 1 result in a negative figure, signaling a"revealed comparative disadvantage."**

Thus the "revealed comparative advantage" represents a relative export- import ratio for a given commodity in that the nominal ratio of exports over imports for a particular commodity is standardized by the inverted overall export-import ratio for all commodities (see Formula 3b).

*See Appendixes 2 & 3, column 8.
**See Appendixes 2 & 3, column 2.

Reformulation (3b) also shows that a positive value suggesting a revealed comparative advantage will result whenever the nominal export-import ratio of a particular commodity is greater than the overall export import ratio. In 1969 and 1979 the overall Austrian export-import ratios were

$$1969: \ .854 = \frac{AS\ 63{,}723\ million\ in\ exports}{AS\ 73{,}459\ million\ in\ imports}$$

$$1979: \ .764 = \frac{AS\ 206{,}252\ million\ in\ exports}{AS\ 269{,}861\ million\ in\ imports}$$

3.3. Prediction of Future Development Based on RCA

Balassa suggested the use of the following formula for predicting the future development of RCA:

$$RCA_{ij}^{predicted} = \frac{1}{2}\left\{\frac{x_{ij}^{79}}{m_{ij}^{79}} + \left[\frac{x_{ij}^{79}}{m_{ij}^{79}} / \frac{x_{ij}^{69}}{m_{ij}^{69}} x \frac{x_{ij}^{79}}{m_{ij}^{79}}\right]\right\}. \qquad (4)$$

For the formula it is presumed that observed past trends in relative export-import ratios can be expected to continue, but at a declining pace. Hence the predicted RCA is an arithmetic average of the sum of the most recent level of the relative export-import ratio and the absolute growth of relative export-import ratio times the most recent level of relative export-import ratio.

A prediction based on this arithmetic average is considered superior to a simple multiplication as shown within the round brackets that assumes a straight extrapolation of past trends into the future.

4. Data Base for Austria, 1969 and 1979

The data for the analysis were taken from the Statistical Yearbook of the Republic of Austria for the years 1970 and 1980. They were classified according to the STANDARD INTERNATIONAL TRADE CLASSIFICATION (SITC) and according to the regional origin/destination of exports and import flows. Peculiarities with regard to this subclassification are reported below.

4.1. Standard International Trade Classification (SITC)

Due to a change in statistical reporting during this 10-year period, a direct comparison was not possible, necessitating a matching procedure laid out in detail below in 4.2. In 1978 the Standard International Trade Classification Revision 2 (SITC rev. 2) was introduced for reporting Austria's system of exports and imports. The general hierarchical structure of the SITC is shown in Table 1 for illustrative purposes for both SITC revised and SITC revision 2 together with the Austrian 1969 and 1979 foreign trade figures. A detailed listing of the 1-digit section headings and 2-digit division headings is given in Appendix 1a for SITC revised and in Appendix 1b for SITC revision 2.

Table 1. Hierarchical Structure of "STANDARD INTERNATIONAL TRADE CLASSIFICATION" (SITC).

	number of positions for SITC revised		SITC revision 2
1-digit level = section code	10		10
2-digit level = division code	56	**	63
	level of analysis		
3-digit level = group code	177		233
4-digit level = subgroup code	625		786
5-digit level = item code	944		1.573
total basic items*	1.312		1.942

Table 1.a. Foreign Trade of Austria classified according to SITC.

SITC sections	1969 imports in mill AS	1979 imports in mill AS	1969 exports in mill AS	1979 exports in mill AS
0 food and live animals	6.220	15.802	2.692	9.939
1 beverages and tobacco	627	1.360	102	1.134
2 crude materials, inedible	6.904	18.566	6.748	17.257
3 mineral fuels, lubricants	5.301	3.364	1.563	3.016
4 animal & vegetable oils,fats	554	1.411	25	181
5 chemicals	7.611	6.537	3.536	17.502
6 mfctd. goods by material	17.066	52.632	25.123	75.488
7 machinery, transport equipmt.	21.653	80.088	14.070	58.212
8 misc. mfctd articles	7.514	39.603	8.774	26.315
9 goods not classified	9	499	89	209
TOTAL in million AS	73.460	269.862	62.723	231.888

Source: Austrian Central Bureau of Statistics

*The overall total is the sum of the set of subgroups that were not broken down into items together with the total set of items.

**Since only totals were reported in 1969 for SITC sections 3 and 4 an N of 51 resulted at the 2-digit SITC level for our comparative purposes.

4.2. Matching Procedure for SITC for Purposes of Comparison

In order to arrive at a comparable set of data, the 1969 classification of the Austrian Statistical Yearbook was selected as a basis for comparison and the 2-digit level was chosen for the analysis.

This involved the following procedure* to match the more detailed 1979 SITC revision 2 data to the 1969 SITC revised data:

Table 2. Procedure applied to match SITC revision 2 to SITC revised.

DIVISIONS of SITC revision 2 (1979 data)	DIVISIONS of SITC revised (1969 data = basis for comparison)
71 power generating machinery & equipment +72 machinery specialized for particular industries +73 metalworking machinery +74 general industrial machinery and equipment, n.e.s & machine parts, n.e.s +75 office machines & automatic data processing equipment	= 71 machinery, other than electric (for purposes of distinction: 1979 SITC-data cited as "7.15")
76 telecommunications & sound recording & reproducing apparatus & equipment +77 electrical machinery, apparatus & appliances, n.e.s. & electrical parts thereof	= 72 electrical machinery, apparatus & appliances (for purposes of distinction: 1979 SITC-data cited as "7.67")
78 road vehicles +79 other transport equipment	= 73 transport equipment (for purposes of distinction: 1979 SITC-data cited as "7.89")
87 professional, scientific & controlling instruments & apparatus, n.e.s +88 photographic apparatus, equipment & supplies & optical goods, n.e.s; watches & clocks	= 86 professional, scientific & controlling instruments; photographic & optical goods, watches & clocks (for purposes of distinction: 1979 SITC-data cited as "8.78")

*While this reduction does not correctly reflect the ties between SITC revision 2 and SITC revised, it is sufficiently accurate for our purposes. A precise match of both classifications makes it necessary to step down to the 5-digit item in the hierarchical SITC classification, which was impossible given the constraints. Also, SITC rev. 2 and SITC revised division 56 (fertilizers) was dropped from the comparison since it was not reported in 1969 (and consecutive years) in the Austrian trade statistics, even though it was a valid SITC revised classification. It should be noted that this SITC revision 2 division 56 ranked 7th in the full scale 1979 RCA-ranking; see Table 3.

Subsequently Table 3 shows a comparison of positive RCA values for 1979 before and after the matching operation according to Table 2 above. It provides an overview upon the loss of information that was accepted in order to arrive at a comparable set of SITC commodities for 1969 and 1979.

4.3. Austrian Foreign Trade Flows: Regional Origins and Destinations

For a more detailed picture as to origins and destinations of trade flows, Austria's total system of exports and imports was then decomposed into the following components. The selection was made according to affiliations with trade organizations for the sake of brevity of reporting. Because of its strong position (30% of Austria's exports go to the FRG and 42% of its imports originate there), the FRG was considered as a separate component within the total system of Austria foreign trade. As the Federal Republic of Germany frequently is considered an "extended home market" for Austrian exporters, the rest of the former Common Market was considered as a separate component too. This should lend insight into possible differences between trading patterns Austria-FRG versus Austria-"rest of the Common Market."* (See Table 4.)

5. The Results of the Systems Analysis of RCA for Austria

The results of the analysis are shown by ranking the commodities according to their revealed comparative advantage. This ranking reflects the hypothesis that while the figures may change rather frequently over time, the ranks remain more stable.

5.1. "Explanation" of Total Exports 1969/1979 by RCA: Static Aspects

Figure 2 shows how much of the total exports can be accounted for by SITC commodities with a positive RCA. If the RCA "explained" completely the structure of exports, one would expect to be able to fully explain all exports on the basis of commodities with a revealed comparative advantage. However, this is not the case, as can be seen from Figure 2. A notable exception are the Eastern European countries, where at the 2-digit SITC level, commodities with a positive RCA already account for almost all exports to that region. This situation demonstrates the need for a more disaggregate analysis in order to derive more precise judgments about RCA.

With the exception of trade with Eastern European countries, the accumulated share of commodities in total exports declined for all regions over 10 years when taken separately. Nevertheless, the accumulated percentage for all of Austria's foreign trade has increased. This fact can be explained logically by the property of the RCA as a natural logarithm of a relative export-import ratio. In order to take a mean of ratios

*Again a change in the grouping of the trade blocs occurred during the observed period: the former Common Market with its six members increased to become the European Community with the joining of Great Britain, Denmark, and Ireland. The European Free Trade Association (EFTA) did not include Finland and Iceland in 1969, but did in 1979. In contrast, Great Britain and Denmark were members of the EFTA then but not in 1979. Again, for the sake of comparison, the 1979 data were reduced to their 1969 classification which is shown in Table 4.

Table 3. SITC-commodity-classes for total system of Austrias Foreign Trade 1979 ranked according to their REVEALED COMPARATIVE ADVANTAGE.

RANK	2-digit level SITC revision 2 (63 divisions)	2-digit level SITC revised (51 divisions after matching operation)
	JOINT POSITIONS	
1		00 live animals (0.74%)
2	35 electric current (1.06%)	missing after matching operation
3	41 animals oils & fats (.07%)	missing after matching operation
4		24 wood, cork (5.29%)
5		64 paper & mfcts (4.82%)
6		67 iron & steel (11.13%)
7	56 fertilizers mfctd.(.86%)	missing after matching operation
8		02 dairy products (0.85%)
9		63 wood & cork mfcts (no furniture; 1.53%)
10		57 explosives (0.07%)
11	71 power generating machinery (2.06%)	missing after matching operation
12		11 beverages (0.52%)
13		66 non-metalic mineral mfcts (3.68%)
14		62 rubber mfcts n.e.s (1.48%)
15		26 textile fibres & waste (1.19%)
16		85 footwear (1.87%)
17		25 pulp & waste paper (.69%)
18	72 machinery specialized for particular industries (5.45%)	missing after matching operation
19		04 cereals & prep. (0.52%)
20		69 metal mfcts n.e.s (5.19%)
21	76 telecommunication, sound recording & reproducing equipmt (2.79%)	missing after matching operation
22		81 sanitary, plumbing, heating fixtures (0.60%)
23	79 other transport equipmt (1.35%)	missing after matching operation
24		01 meat & prep (0.46%)
24		65 textile fabrics, yarn (6.21%)
25		
26	74 general ind. machinery n.e.s. (5.66%)	missing after matching operation
27	73 metalworking machinery (1.27%)	missing after matching operation
28	77 electrical machinery & applicanes & parts (5.61%)	missing after matching operation
		resulting from matching operation:
		7.15 machinery, other than electric (14.13%)
		7.67 electrical machinery, apparatus (9.27%)

(% in brackets indicate value share of SITC-commodity in total exports)

Table 4. Regional Structure of Austrian Foreign Trade 1969 vs. 1979.

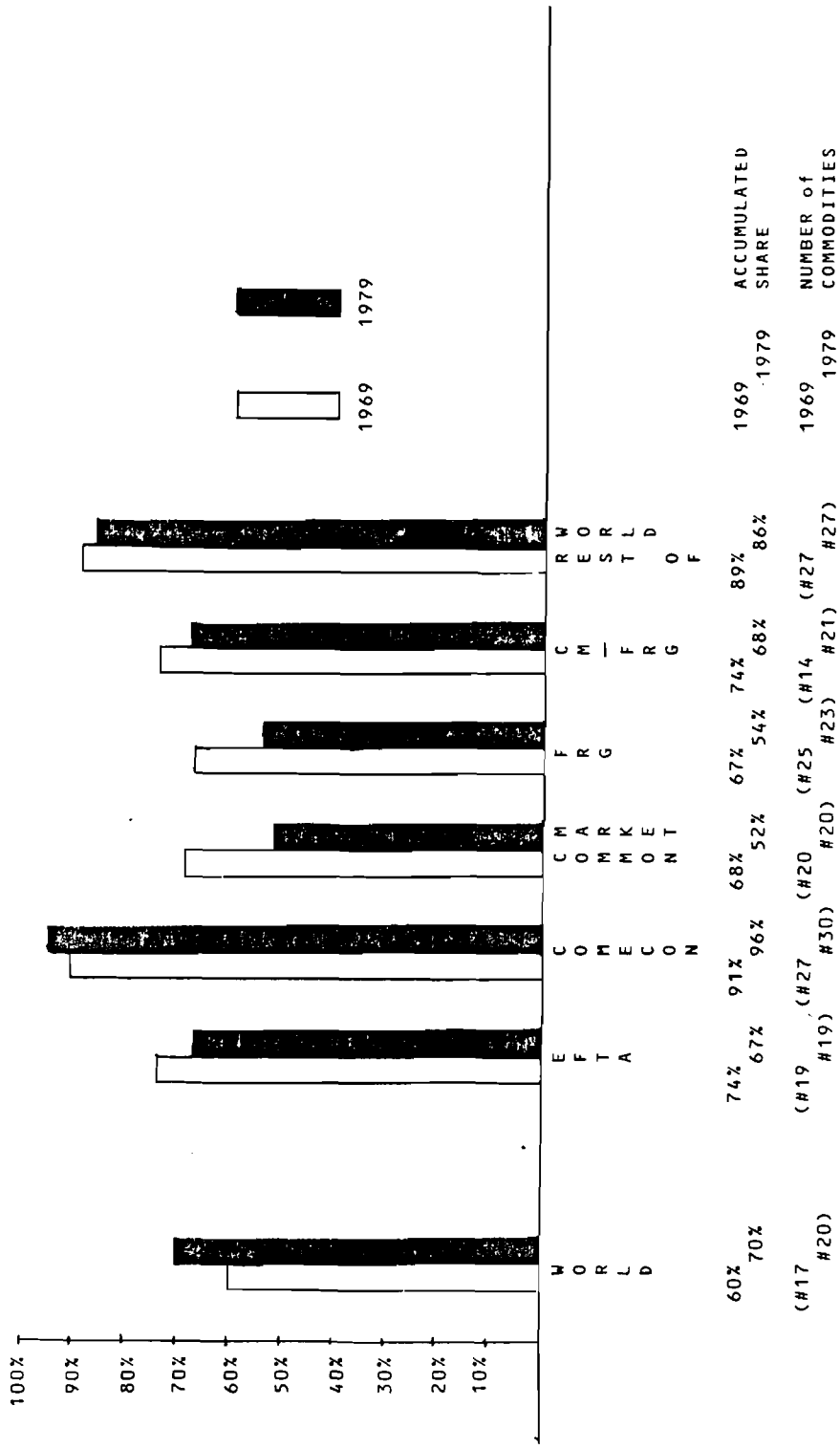
regional subsystem *)	imports in Mill AS 1969	1979	exports in Mill AS 1969	1979
CM = COMMON MARKET	41.486	164.522	25.984	97.936
(B, FRG, F, I, Lux, NL)	56.6%	61.0%	41.4%	47.5%
EFTA	13.987	32.381	14.731	37.326
(CH, DK, GB, N, P, S)	19.0%	12.0%	23.6%	18.1%
COMECON	7.094	23.701	8.490	26.623
(all Eastern European Countries without Yugoslavia; i.e. COMCEON + Albania)	9.6%	8.8%	13.6%	12.9%
FRG = Federal Republic of Germany	30.352	114.236	15.196	62.484
	41.3%	30.3%	24.2%	42.3%
CM - FRG = Common Market without FRG	11.136	50.286	10.788	35.452
	15.3%	18.7%	17.2%	5.2%
ROW = the Rest of the World	10.893	49.258	13.518	44.368
	14.8%	18.2%	21.4%	21.5%
	imports		exports	
TOTAL in million AS	73.460	269.862	62.723	206.253
	1969	1979	1969	1979

it is prerequisite to arrive at a common denominator. This operation has not been performed here and consequently, a mean of the observed components cannot be computed. From a different angle, this decomposition of the total system of foreign trade into regional components provides valuable insights. It contrasts the distribution of Austria's competitiveness with different trading blocs taken separately. This approach allows more specific statements about the development of Austrian competitiveness on the foreign market for different SITC-commodities than the overall increase in commodities with a positive RCA would allow.

Figure 2 shows a decline in the competitiveness of Austrian products towards all trading blocs with the exception of Eastern European countries. As the RCA is derived from a ratio of exports and imports this decline in competitiveness can be located in foreign markets (due to a decline in exports) as well as in the home market (due to a rise in imports).

Figure 2. Accumulated Share of SITC-commodities with POSITIVE REVEALED COMPARATIVE ADVANTAGE in total exports 1969 and 1979.

(Number of SITC-commodities with positive Revealed Comparative Advantage 1969 and 1979; n = 51).



Taken as a whole, the preceding analysis suggests a decline in the international competitiveness of Austrian products overall and corroborates the statement that "Austria has specialized in the products of the sixties in the seventies" (Streissler 1981). Also, a comparison among regions would confirm the generally held opinion that Austria is less competitive with Western countries than with Eastern European countries. The fact that Austria is more competitive with countries in the category "rest of the world" than with all foreign countries as a whole could be attributed to the fact that the geographic distance and subsequent high cost of market access naturally sorts out those products that are internationally competitive.

Appendix 2 shows in detail the ranking of the 2-digit SITC commodities for all foreign trade and for the selected regions for 1969. Appendix 3 shows comparable results for 1979. Table 5 gives a list of the top ten commodities for all regions when ranked according to their RCA both for 1969 and 1979 and the respective changes in ranks. They are intended as a brief summary upon which commodities the revealed comparative advantage dominantly rests.

5.2. Development of RCA between 1969 and 1979: Dynamic Aspects

5.2.1. Overall RCA Development for All SITC Commodities, 1969-1979.

An analysis of the overall development of RCA for all SITC commodities from 1969 to 1979 was complemented by a similar analysis of net export or import positions for SITC commodities (to put the emphasis on a difference between exports and imports rather than on a ratio) and for export-shares of SITC-commodities (to put emphasis on an export-ratio rather than an export-import ratio) in total exports. Rank order correlations performed between the rankings for a given region for 1969 and 1979 provide the results shown in Table 6. The results show high correlation between the 1969 and 1979 rankings for all three variables. This leads us to the conclusion that at this aggregate level of analysis, no drastic changes in the overall ranking of the revealed comparative advantage, of the export shares, and of the net export-import positions occurred during the 10-year period from 1969 to 1979.

Thus it can be inferred that for the overall development from 1969 to 1979, changes are likely to be located in the area of imports, since the RCA and net export-import position involve imports and exports. This follows the observation that the rankings of the commodities according to export shares remained most stable, suggesting an equally stable structure of exports over the period from 1969 to 1979.

5.2.2. Development of RCA for Individual SITC Commodities, 1969-1979.

For a more detailed analysis of the development of the RCA of particular commodity groups the 1979 RCA values were plotted over the 1969 RCA values (see Figure 3).*

*) The plottings were produced by means of the software package "MINITAB" implemented at IIASA using the command "PLOT." This command automatically selects the scaling of the axes, which are logarithmic scales for the presented plots.

Table 5: Ranking of SITC-commodities according to REVEALED COMPARATIVE ADVANTAGE:
top ten commodities in 1969 and 1979 and their rank-changes for total and regional subsystems of Austrian Foreign Trade.

5.a. Total System of Austrian Foreign Trade

rank	SITC code	1979 commodity	gain/loss of ranks	SITC code	1969 commodity
1	00	live animals	=	00	live animals
2	24	wood, cork	+1	.9	goods n.e.s
3	64	paper & mfct	+1	24	wood, cork
4	67	iron & steel	+1	64	paper & mfct
5	02	dairy products	+3	67	iron & steel
6	63	wood, cork mfct	+7	66	non-metal mineral mfct
7	57	explosives	+2	85	footwear
8	11	beverages	+28	02	dairy products
9	66	non-metal mineral mfct	-3	57	explosives
10	62	rubber mfct. n.e.s	+2	89	misc. mfctd. goods n.e.s.

5.b. Common Market

rank	SITC code	1979 commodity	gain/loss of ranks	SITC code	1969 commodity
1	00	live animals	=	00	live animals
2	24	wood, cork	=	24	wood, cork
3	25	pulp, waste paper	=	25	pulp, waste paper
4	01	meat & prep	=	01	meat & prep
5	64	paper & mfct	=	64	paper & mfct
6	26	textile fibre & waste	+24	67	iron & steel
7	63	wood, cork mfct	+10	02	dairy products
8	67	iron & steel	-2	27	crude fertilizers, minerals
9	21	raw hides, skins	+5	22	oils-seeds, -kernels, -nuts
10	02	dairy products	-3	66	non-metal mineral mfct

5.c. EFTA

rank	SITC code	1979 commodity	gain/loss of ranks	SITC code	1969 commodity
1	85	footwear	+3	.9	goods n.e.s.
2	01	meat & prep	+24	24	wood, cork
3	67	iron & steel	+3	52	inorg. chemicals
4	05	fruit, vegetables	+12	85	footwear
5	63	wood, cork mfct	+8	02	dairy products
6	66	non-metal mineral mfct	+1	67	iron & steel
7	61	leather & mfct	+18	66	non-metal mineral mfct
8	84	clothing	+4	89	misc. mfctd goods n.e.s.
9	06	sugar & prep	+22	57	explosives
10	62	rubber mfct n.e.s	+1	64	paper & mfct

5.d. COMECON

rank	SITC 1979 code	1979 commodity	gain/loss of ranks	SITC 1969 code	1969 commodity
1	09	misc. edible products	+10	53	dyeing, tanning
2	53	dyeing, tanning	-1	62	rubber mfct n.e.s.
3	62	rubber mfct n.e.s.	-1	58	artifical resins, plastic
4	85	footwear	+4	59	chemical materials n.e.s.
5	55	perfume, cleansing mat.	+7	69	metal mfcts n.e.s.
6	64	paper & mfcts	+3	63	wood, cork mfcts
7	71	machinery, non-electric	+3	72	electrical machinery
8	04	cereals & prep	+32	85	footwear
9	67	iron & steel	+6	64	paper & mfcts
10	72	electrical machinery	-3	71	machinery, non-electric

5.e. Federal Republic of Germany

rank	SITC 1979 code	1979 commodity	gain/loss of ranks	SITC 1969 code	1969 commodities
1	01	meat & prep	+ 2	00	live animals
2	00	live animals	- 1	24	wood, cork
3	24	wood, cork	- 1	01	meat & prep
4	85	footwear	+14	64	paper & mfcts
5	64	paper & mfcts	- 1	67	iron & steel
6	11	beverages	+15	05	fruit, vegetables
7	21	raw hides, skins	=	21	raw hides, skins
8	26	textile fibres & waste	+21	.9	commodities n.c.
9	63	wood, cork mfct.	+10	25	pulp, waste paper
10	67	iron & steel	- 5	84	clothing

5.f. Common Market without FRG

rank	SITC 1979 code	1979 commodity	gain/loss of ranks	SITC 1969 code	1969 commodities
1	00	live animals	=	00	live animals
2	24	wood,cork	=	24	wood,cork
3	25	pulp, waste paper	=	25	pulp, waste pape
4	64	paper & mfct.	=	64	paper & mfct.
5	01	meat & prep	=	01	meat & prep
6	02	dairy products	+ 1	89	misc. mfctd goods n.e.s.
7	63	wood, cork mfcts	+11	02	dairy products
8	67	iron & steel	+ 1	82	furniture
9	09	misc. food prep.	+16	67	iron & steel
10	26	textile fibre & waste	+22	27	crude fertilizers

5.g. Rest of the World

rank	SITC 1979 code	1979 commodity	gain/loss of ranks	SITC 1969 code	1969 commodities
1	00	live animals	+12	.9	commodities n.e.s.
2	02	dairy products	+13	69	metal mfcts n.e.s
3	57	explosives	=	57	explosives
4	81	sanitary, heating	+10	09	misc. food prep.
5	53	dyeing, tanning	+ 2	64	paper & mfct.
6	66	non-metalic mfct	=	66	non-metalic mfct.
7	69	metal mfct. n.e.s.	- 5	53	dyeing, tannine
8	67	iron & steel	+ 1	62	rubber mfct. n.e.s
9	64	paper & mfct.	- 4	67	iron & steel
10	71	machinery, non-electric	=	71	machinery, non-electric

Table 6. Rank-order correlation coefficients between 1969 and 1979 rankings of SITC-commodities according to
- RCA 1969 vs. 1979
- value-share of a commodity in total exports 1969 vs. 1979
- net import/export position for a SITC-commodity 1969 vs. 1979
for the subsequent regions:

region	RCA 1969 vs. 1979	share in total exports 1969 vs. 1979	net export/import position 1969 vs. 1979
total	.788	.905	.734
Common Market	.782	.857	.785
EFTA	.631	.913	.716
COMECON	.801	.844	.834
FRG	.807	.721	.774
Common Market without FRG	.662	.892	.823
rest of the world	not comparable	.892	.823

Figure 3. Two-dimensional plot of 1979 REVEALED COMPARATIVE ADVANTAGE-values over 1969 REVEALED COMPARATIVE ADVANTAGE-values for all SITC-commodities (n = 51).
(RCA-values are natural logarithms, see (2) in Appendix 2).

Figure 3.1. Emphasis on change of sign of REVEALED COMPARATIVE ADVANTAGE.

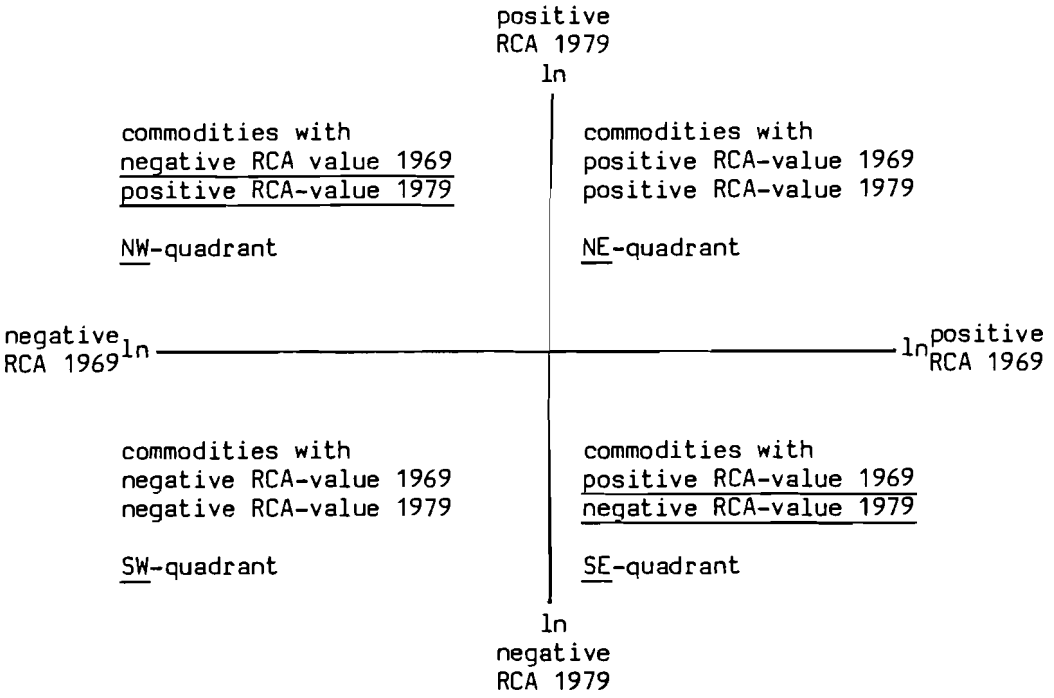
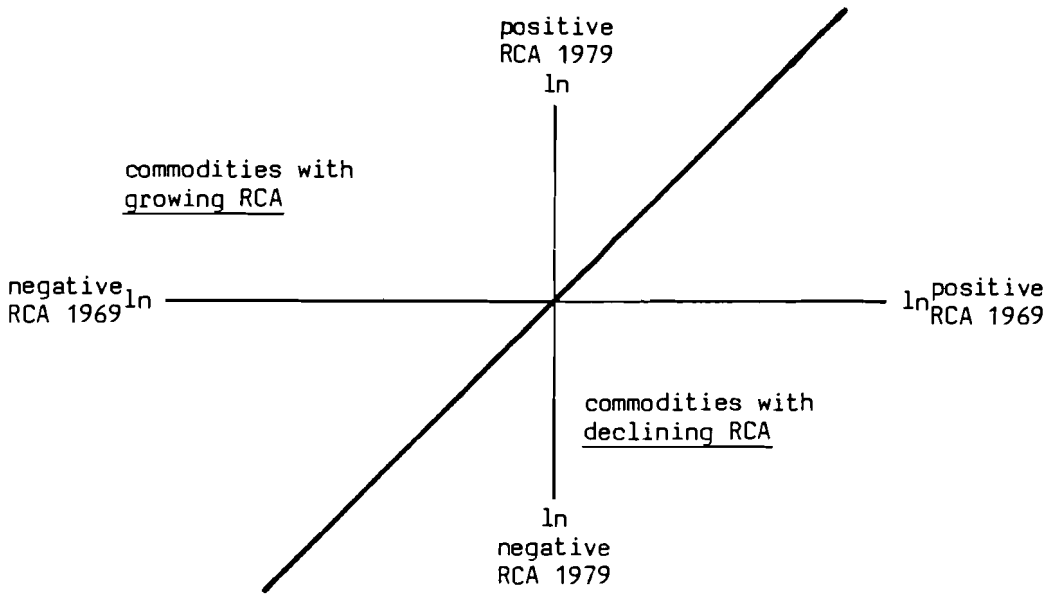


Figure 3. Two-dimensional plot of 1979 REVEALED COMPARATIVE ADVANTAGE-values over 1969 REVEALED COMPARATIVE ADVANTAGE-values for all SITC-commodities (n = 51).

Figure 3.2. Emphasis on relative growth or decline of RCA.



5.2.2.1 Changing from a Revealed Comparative Advantage to a Disadvantage and Vice Versa

Two of the four resulting quadrants deserve immediate attention: (1) the northwest quadrant listing those commodities that moved from a negative RCA in 1969 to a positive one in 1979 and (2) the southeast quadrant listing those commodities that moved in the opposite direction, clearly undesirable from the point of view of foreign trade (see Figure 3.1).

To aid in interpretation of the plots, which are presented for illustrative purposes in Appendixes 6a to 6f, a list of those commodities that moved from a positive RCA in 1969 to a negative RCA in 1979 and vice versa is provided in Table 7.

5.2.2.2 Growth and Decline of RCA for SITC- Commodities, 1969- 1979.

In the next step a 45 degree line is drawn to separate the commodities that increased their RCA (those northwest of the line) from those that decreased their RCA (those southeast of the line). (See Figure 3.2.) Obviously the above set of commodities with growing RCA includes all the listed commodities that moved from a negative to a positive RCA over the period of the observed 10 years.

An alteration--growth or decline--in the value of a commodity's RCA can be attributed, among other variables, to government intervention. These actions can be logically classified into export-stimulation or import-substitution measures or a mixture thereof. The success of any such foreign trade intervention should be reflected by an alteration of the RCA for those SITC-commodities the addressed industrial branch produces.

We then direct our attention to those commodities northwest of the 45-degree line. These commodities with a growing RCA for the period 1969 to 1979 constitute one side of the balance of successful intervention as described above. The other side of the balance would be a list of all the relevant interventions taken shortly before and during this period. The resulting balance should help to judge more precisely the effect of the government measures introduced.

It is not within the scope of this paper to attempt to make at a complete listing of such government actions. Rather, for purposes of brief interpretation, a list of the top ten commodities in terms of absolute growth is provided in Table 8.

5.3. Future Development

As pointed out above (see 3.3), Balassa suggested using an approach that not only considers the most recent level of RCA of a commodity but also its weighted growth over the past period in order to interpret the future development of the RCA. Upon performing this operation, a picture emerges, which is presented in detail in Appendixes 5a to 5f.

Table 9 again provides a list of the top ten commodities ranked according to the resulting index. Given along with Table 9 are respective ranks in growth before this procedure was performed (see Table 8).

Table 7. List of SITC-commodities that changed over 10 years

from NEGATIVE to POSITIVE RCA (1969)	(1979)	from POSITIVE to NEGATIVE RCA. (1969)	(1979)
7.1 WORLD			
01 meat		84 clothing	
04 cereals & prep		89 misc. mfct. articles	
11 beverages		.9 commodities n.e.s.	
26 textile fibres & waste			
71 machinery, non-electric			
72 electrical machinery			
7.2 COMMON MARKET			
04 cereals & prep		22 oil-seed, -nuts, -kernels	
11 beverages		.3 mineral fuels, lubricants	
26 textile fibres & waste		52 mineral tar,crude chemicals	
72 electrical machinery		84 clothing	
85 footwear		89 misc. mfct. articles	
7.3 EFTA			
01 meat		27 crude fertilizers, minerals	
04 cereals & prep		52 mineral tar, crude chemicals	
06 sugar & prep		57 explosives	
11 beverages		68 non-ferous metals	
26 textile fibres & waste		83 travel goods, handbags	
61 leather & mfct.		89 misc. mfct. articles	
69 metal mfct. n.e.s		.9 commodities n.e.s.	
7.4 COMECON			
24 wood		82 furniture	
11 beverages		83 travel goods, handbags	
52 mineral tar, crude chemicals		84 clothing	
68 non-ferous metals			
73 transport equipment			
7.5 FRG			
04 cereals & prep		02 dairy products	
26 textile fibres		22 oil-seeds, -nuts, -kernels	
61 leather & mfct.		29 crude animal, vegetable materia	
65 textile yarn, fabrics		.3 mineral fuels, lubricants	
72 electrical machinery		52 mineral tar, crude chemicals	
		68 non-ferous metals	
		89 misc. mfct. articles	
7.6 COMMON MARKET without FRG			
06 sugar & prep		22 oil-seeds, -nuts, -kernels	
09 misc. food prep		57 explosives	
21 hides, skins		89 misc. mfct. articles	
26 textile fibres & waste			
51 chemical elements & compounds			
62 rubber mfct. n.e.s			
63 wood mfct.			
68 non-ferous metals			
72 electrical machinery			
.9 commodities n.e.s.			
7.7 REST OF THE WORLD			
11 beverages		06 sugar & prep	
59 chemicals n.e.s		83 travel goods, handbags	
82 furniture		84 clothing	
		86 optical goods, watches etc.	
		.9 commodities n.e.s.	

Table 8. Top ten SITC-commodities classified according to ABSOLUTE GROWTH of RCA 1969 - 1979.

TOTAL	CM	EFTA	COMECON	FRG	CM-FRG	ROW
1st						
23 crude rubber	04 cereals & prep	12 tobacco	52 inorg. chemicals	04 cereals & prep	23 crude rubber	08 animal feed stuff
2nd						
04 cereals & prep	23 crude rubber	04 cereals & prep	04 cereals & prep	54 med/pharm products	21 raw skins	00 live animals
3rd						
11 beverages	26 textile fibres	01 meat & prep.	06 sugar & prep	23 crude rubber	26 textile fibres	23 crude rubber
4th						
.4 natural oils,fats	54 med/pharm products	06 sugar & prep	.4 natural oils, fats	82 furniture	06 sugar & prep	11 beverages
5th						
26 textile fibres	06 sugar & prep	.3 mineral fuels	01 meat & prep	26 textile fibres	09 misc. edible	04 cereals & prep
6th						
01 meat & prep	51 org. chemicals	11 beverages	09 misc. edible	01 meat & prep	51 org. chemicals	12 tobacco
7th						
54 med/pharm products	11 beverages	61 leather & mfct.	05 vegetable & fruit	86 optical & precision	04 cereals & prep	02 dairy products
8th						
12 tobacco	82 furniture	21 raw skins	11 beverages	51 org. chemicals	63 wood mfct	01 meat & prep
9th						
21 raw skins	55 perfume, cleansing	53 dyeing, tanning	00 live animals	11 beverages	55 dyeing, tanning	82 furniture
10th						
52 inorg. chemicals	58 artifical resins	59 chemicals n.e.s	27 crude fertilizer	85 footwear	58 artifical resins	.4 natural oils,fats

Table 9. Top ten SITC-commodities classified according to EXPECTED GROWTH as resulted from procedure suggested by Balassa.

TOTAL	CM	EFTA	COMECON	FRG	CM-FRG	ROW
1st #34	#49	#01	#01	#06	#41	#02
00 live animals	00 live animals	12 tobacco & mfct	52 crude chemicals	01 meat & prep	00 live animals	00 live animals
2nd #02	#48	#03	#06	#32	#45	#07
04 cereals & prep	24 wood, cork	01 meat & prep	09 misc. edible	00 live animals	24 wood,cork	02 dairy products
3rd #03	#03	#25	#02	#10	#03	#04
11 beverages	26 textile fibres	05 footweat	04 cereals & prep	85 footwear	26 textile fibres	11 beverages
4th #31	#30	#02	#27	#05	#02	#13
67 iron & steel	25 pulp, waste paper	04 cereals & prep	53 dyeing tanning	26 textile fibres	21 raw skins hides	81 sanitary, plumbing
5th #39	#27	#07	#13	#09	#05	#20
64 paper & mfct	01 meat & prep	61 leather & mfct	85 footweat	11 beverages	09 misc. edible	57 explosives
6th #44	#13	#04	#21	#01	#48	#24
24 wood, cork	63 wood, cork mfcts	06 sugar & prep	62 rubber mfcts n.e.s	04 cereals & prep	25 pulp, waste paper	53 dyeing, tanning
7th #18	#07	#17	#14	#18	#04	#26
02 dairy products	11 beverages	05 vegetable, fruits	55 perfume, cleaning	63 wood, cork mfct	06 sugar & prep	67 non-metal min. mfct
8th #05	#01	#20	#1	#49	#08	#23
26 textile fibres	04 cereals & prep	63 wood, cork mfct	64 paper & mfct	24 wood, cork	63 wood,cork mfct	67 iron & steel
9th #17	#36	#32	#18	#02	#20	#36
63 wood, cork mfct	64 paper & mfct	67 iron & steel	71 machinery, non-electr.	54 medical & pharmaceut	64 paper & mfct	69 misc metal mfct
10th #06	#1	#06	#0	#26	#28	#05
01 meat & prep	21 raw skins, hides	11 beverages	00 live animals	21 raw skins hides	01 meat & prep	04 sugar & prep

Table reads as follows:
1st: rank based on prediction according to Balassa-formula; see Appendix 5, column (1)
#34: rank if classified according to growth rate of relative export-import-ratio; see Appendix 5, column (7) = Appendix 4, column (1)
00 live animals: 2-digit SITC-code and brief heading.

5.4. Testing the Null Hypothesis

A last step in this analysis of RCA was an examination of differences between rankings of the selected regions. This was achieved by calculating Spearman's rank-order correlation coefficient matrices for the analyzed regions. The null-hypothesis of no correlation between two observed rankings was tested at the .05 error level. For n = 51 and a significance level of .95 those correlation coefficients marked with an asterisk did *not* allow the null hypothesis to be *rejected*, i.e., those coefficients marked with an asterisk indicate that two rankings were significantly dissimilar (Blalock 1972). Hence the remaining correlation coefficients not marked with an asterisk indicate that two rankings do correlate significantly. The degree of correlation can be inferred by rising correlation coefficients with the extremes of 0 = no correlation and 1 = perfect correlation (identical ranking).

Accordingly, Table 10 gives the 1969 and 1979 correlation matrices for the rankings of REVEALED COMPARATIVE ADVANTAGE for the selected regions. Attention is directed to the coefficients resulting from correlation of RCA rankings for Eastern European countries and Western countries that do not allow the null hypothesis to be rejected. Thus it can be inferred that the revealed comparative advantage of Austria is totally different for market economies than for centrally planned economies.

Table 11 gives the 1969 and 1979 correlation matrices for regional comparisons of ranking according to a commodities SHARE IN TOTAL EXPORTS. Again, the asterisk indicates no significant correlation, which is only the case once. The observed correlation coefficients lead to the conclusion that overall the structure of exports is a very homogeneous one even for all different regions.

Table 12 shows comparisons of rankings according to the predicted RCA-development as presented in 5.3. Table 12.1 gives the rank-order correlation coefficient matrix that results if the bases for ranking is a future RCA simply extrapolated on grounds of observed past growth. This reflects the idea of an upper limit of growth and is substituted by the more conservative estimate according to Balassa. These latter Balassa estimates (see 3.3) were used as the bases for ranking seen in Table 12.2. For both approaches a pattern emerges that is rather similar to the 1969 and 1979 situation of RCA. Particularly notable appear to be the low correlation coefficients between EFTA and the Common Market exclusive of the FRG, between EFTA and the rest of the world, and between the FRG and the rest of the world. For further interpretations the reader is referred to the detailed information in Appendixes 5a to 5f.

5.5. A Summary of Results of the Analysis for Austria

5.5.1. Static Aspects

The analysis supports the view that Austria's comparative export advantage was in intermediate products rather than in finished products for both 1969 and 1979. It is also apparent that agriculture and forestry and related products are of great importance. This is implied by the fact that the revealed comparative advantages of live animals, animal oils & fats, wood & paper manufacture, and iron & steel constitute the top five two-digit SITC commodities (see Table 3).

Tables 10 - 12. Rank order correlation matrices testing the Null-Hypothesis of no correlation between the variables.

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table 10: testing the Null-Hypothesis of no correlation between regional rankings according to REVEALED COMPARATIVE ADVANTAGE.

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table 10.1: 1969 data

	world	CM	EFTA	COMECON	FRG	CM-FRG
CM	.716					
EFTA	.703	.595				
COMECON	.491	-.014*	.167*			
FRG	.597	.919	.588	-.128*		
CM-FRG	.697	.784	.465	.220*	.566	
ROW	.778	.342	.503	.638	.189*	.492

---

table 10.2: 1979 data

	world	CM	EFTA	COMECON	FRG	CM-FRG
CM	.779					
EFTA	.562	.433				
COMECON	.502	.166*	.196*			
FRG	.603	.865	.519	.083*		
CM-FRG	.743	.859	.283	.238*	.566	
ROW	.779	.378	.324	.653	.156*	.469

==========

An "*" indicates that the Null-Hypothesis CANNOT be rejected, i.e. the observed rankings ARE NOT SIGNIFICANTLY SIMILAR at the .05 level!

Tables 10 - 12. Rank order correlation matrices testing the Null-Hypothesis of no correlation between the variables.

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table 11: testing the Null-Hypothesis of no correlation between regional rankings according to VALUE-SHARE OF EXPORTS IN TOTAL EXPORTS.

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table 11.1: 1969 data

	world	CM	EFTA	COMECON	FRG	CM-FRG
CM	.933					
EFTA	.872	.747				
COMECON	.830	.720	.777			
FRG	.500	.278	.527	.712		
CM-FRG	.887	.957	.715	.659	.265*	
ROW	.931	.789	.861	.829	.607	.760

---

table 11.2: 1979 data

	world	CM	EFTA	COMECON	FRG	CM-FRG
CM	.971					
EFTA	.925	.889				
COMECON	.857	.794	.796			
FRG	.944	.973	.901	.805		
CM-FRG	.933	.939	.812	.767	.852	
ROW	.936	.864	.849	.812	.827	.871

==========

An "*" indicates that the Null-Hypothesis CANNOT be rejected, i.e. the observed rankings ARE NOT SIGNIFICANTLY SIMILAR at the .05 level!

Tables 10 - 12. Rank order correlation matrices testing the Null-Hypothesis of no correlation between the variables.

table 12.1. Testing the Null-Hypothesis of no correlation between regional rankings according to 1969-1979 GROWTH INDICES of RELATIVE EXPORT-IMPORT-RATIO.

	world	CM	EFTA	COMECON	FRG	CM-FRG
CM	.667					
EFTA	.481	.431				
COMECON	.226*	.052*	.046*			
FRG	.592	.860	.518	.070*		
CM-FRG	.523	.758	.334	-.056*	.461	
ROW	.395	.014*	.184*	.105*	.079*	.009*

table 12.2. Testing the Null-Hypothesis of no correlation between regional rankings according to 1969-1979 GROWTH INDICES as a result of procedure proposed by Balassa (see 3.3).

	world	CM	EFTA	COMECON	FRG	CM-FRG
CM	.771					
EFTA	.435	.340				
COMECON	.513	.268*	.206*			
FRG	.607	.830	.439	.170*		
CM-FRG	.682	.857	.107*	.243*	.517	
ROW	.766	.350	.254*	.526	.195*	.340

An "*" indicates that the Null-Hypothesis CANNOT be rejected, i.e. the observed rankings ARE NOT SIGNIFICANTLY SIMILAR at the .05 level!

A disaggregation of the total system of Austria's foreign trade into sectors shows that the rankings of the commodities by their revealed comparative advantages for East European countries are in no way related to the corresponding rankings for members of the Common Market and EFTA both for 1969 and for 1979 (see Table 10). While this suggests that the commodities that Austria sells competitively to market economies are different from those with which it can compete in centrally planned economies, it should be noted that this East-West pattern is not displayed when commodities are ranked according to their shares in total exports. On the contrary, the rankings of commodity export shares display a significant (at the .05 level) relation for all paired rank order correlations, with the exceptions of the FRG and the Common Market exclusive of the FRG.

This latter fact is interesting in that it indicates that the structure of exports to the FRG is very different from the structure of exports to the rest of the Common Market. This fosters the view that for a considerable share of Austrian exporters their only exports are to the FRG, as an "extended home market".

Thus the differences in trade patterns displayed by ranking commodities according to the RCAs vis a vis a ranking according to their shares in exports is mainly attributable to a difference in the Austrian import patterns from those of market and centrally planned economies. This is because the revealed comparative advantage considers the flow of exports together with the flow of imports, unlike the share of exports in total exports.

5.5.2. Growth Aspects

With live animals (SITC 00), cereals & cereal products (SITC 04), and beverages (SITC 11) ranking highest in predicted growth, Austria certainly does not hold a growth portfolio of what are termed "intelligent products." (See Table 9.) Also, the high rankings of wood (SITC 24) and wood products (wood manufactures SITC 63 and paper products SITC 64) demonstrate the relative abundance of forest upon which Austria's comparative advantage rests. The remaining commodities in the future top ten growth commodities are from section 0 (food and live animals: SITC 02 = dairy products and eggs, SITC 01 = meat & meat products), section 2 (SITC 26 = textile fibers not manufactured into yarn, fabric, etc.) and section 6 (SITC 67 = iron & steel) either of agricultural production or of intermediate sort of industrial processing (SITC 26, SITC 67). (See Table 9, row 1.)

6. Conclusion on RCA

The question posed at the beginning of this paper was whether the concept of revealed comparative advantage is suitable for use as a guideline for structuring a country's system of foreign trade and for measuring comparative advantage. This question can safely be answered in the positive, as the RCA does help to structure the competitive groups of commodities and the respective industrial branches of the observed economies, if price and non-price factors as reflected by trade patterns are taken

into consideration. It should be noted, however, that this method assumes a uniform incidence of tariffs and tastes, and attention must be paid to the degree and frequency with which the reality deviates from the assumption.

In contrast with these restrictions are the obvious advantages of limited need for data input (values of imports and exports), provided in virtually any trade statistics, and the ease with which RCA can be calculated. These two assets make RCA more of an immediately available *ex post facto* indicator of trade performance and a measure of the effects of implemented policy measures than an instrument for supporting decisions affecting the future.

Altogether, the simplicity of the concept of "revealed comparative advantage" with respect to computing and collecting data makes Balassa's idea of measuring comparative advantage on the basis of the revealed structure of imports and exports a very attractive one. Particularly appealing is the limited need for data input, since the necessary data can be found in virtually any statistics on foreign trade in varying degrees of detail. This makes RCA *a quick and easy method for computing a substitute measure for comparative advantage*, and one which is, "one of the best available measures for quantifying the comparative advantage between countries" (UNIDO 1981).

APPENDIXES

Appendix 1a. Classification scheme of the SITC, Revised.

Section code	*Division code*	*Section and division headings*
0		FOOD AND LIVE ANIMALS
	00	Live animals
	01	Meat and meat preparations
	02	Dairy products and eggs
	03	Fish and fish preparations
	04	Cereals and cereal preparations
	05	Fruit and vegetables
	06	Sugar, sugar preparations and honey
	07	Coffee, tea, cocoa, spices and manufactures thereof
	08	Feeding stuff for animals (not including unmilled cereals)
	09	Miscellaneous food preparations
1		BEVERAGES AND TOBACCO
	11	Beverages
	12	Tobacco and tobacco manufactures
2		CRUDE MATERIALS, INEDIBLE, EXCEPT FUELS
	21	Hides, skins and furskins, undressed
	22	Oil-seeds, oil nuts and oil kernels
	23	Crude rubber (including synthetic and reclaimed)
	24	Wood, lumber and cork
	25	Pulp and waste paper
	26	Textile fibres (not manufactured into yarn, thread or fabrics) and their waste
	27	Crude fertilizers and crude minerals (excluding coal, petroleum and precious stones)
	28	Metalliferous ores and metal scrap
	29	Crude animal and vegetable materials, n.e.s.
3		MINERAL FUELS, LUBRICANTS AND RELATED MATERIALS
	32	Coal, coke and briquettes
	33	Petroleum and petroleum products
	34	Gas, natural and manufactured
	35	Electric energy
4		ANIMAL AND VEGETABLE OILS AND FATS
	41	Animal oils and fats
	42	Fixed vegetable oils and fats
	43	Animal and vegetable oils and fats, processed, and waxes of animal or vegetable origin
5		CHEMICALS
	51	Chemical elements and compounds
	52	Mineral tar and crude chemicals from coal, petroleum and natural gas
	53	Dyeing, tanning and colouring materials
	54	Medicinal and pharmaceutical products
	55	Essential oils and perfume materials; toilet, polishing and cleansing preparations
	56	Fertilizers, manufactured
	57	Explosives and pyrotechnic products
	58	Plastic materials, regenerated cellulose and artificial resins
	59	Chemical materials and products, n.e.s.
6		MANUFACTURED GOODS CLASSIFIED CHIEFLY BY MATERIAL
	61	Leather, leather manufactures, n.e.s., and dressed furskins
	62	Rubber manufactures, n.e.s.
	63	Wood and cork manufactures (excluding furniture)
	64	Paper, paperboard and manufactures thereof
	65	Textile yarn, fabrics, made-up articles and related products
	66	Non-metallic mineral manufactures, n.e.s.
	67	Iron and steel
	68	Non-ferrous metals
	69	Manufactures of metal, n.e.s.
7		MACHINERY AND TRANSPORT EQUIPMENT
	71	Machinery, other than electric
	72	Electrical machinery, apparatus and appliances
	73	Transport equipment
8		MISCELLANEOUS MANUFACTURED ARTICLES
	81	Sanitary, plumbing, heating and lighting fixtures and fittings
	82	Furniture
	83	Travel goods, handbags and similar articles
	84	Clothing
	85	Footwear
	86	Professional, scientific and controlling instruments; photographic and optical goods, watches and clocks
	89	Miscellaneous manufactured articles, n.e.s.
9		COMMODITIES AND TRANSACTIONS NOT CLASSIFIED ACCORDING TO KIND

Source: United Nations (1961).

Appendix 1b. Classification scheme of the SITC, Rev. 2.

Section code	Division code	Section and division headings
0		FOOD AND LIVE ANIMALS CHIEFLY FOR FOOD
	00	Live animals chiefly for food
	01	Meat and meat preparations
	02	Dairy products and birds' eggs
	03	Fish, crustaceans and molluscs, and preparations thereof
	04	Cereals and cereal preparations
	05	Vegetables and fruit
	06	Sugar, sugar preparations and honey
	07	Coffee, tea, cocoa, spices, and manufactures thereof
	08	Feeding stuff for animals (not including unmilled cereals).
	09	Miscellaneous edible products and preparations
1		BEVERAGES AND TOBACCO
	11	Beverages
	12	Tobacco and tobacco manufactures
2		CRUDE MATERIALS, INEDIBLE, EXCEPT FUELS
	21	Hides, skins and furskins, raw
	22	Oil seeds and oleaginous fruit
	23	Crude rubber (including synthetic and reclaimed)
	24	Cork and wood
	25	Pulp and waste paper
	26	Textile fibres (other than wool tops) and their wastes (not manufactured into yarn or fabric)
	27	Crude fertilizers and crude minerals (excluding coal, petroleum and precious stones)
	28	Metalliferous ores and metal scrap
	29	Crude animal and vegetable materials, n.e.s.
3		MINERAL FUELS, LUBRICANTS AND RELATED MATERIALS
	32	Coal, coke and briquettes
	33	Petroleum, petroleum products and related materials
	34	Gas, natural and manufactured
	35	Electric current
4		ANIMAL AND VEGETABLE OILS, FATS AND WAXES
	41	Animal oils and fats
	42	Fixed vegetable oils and fats
	43	Animal and vegetable oils and fats, processed, and waxes of animal or vegetable origin
5		CHEMICALS AND RELATED PRODUCTS, N.E.S.
	51	Organic chemicals
	52	Inorganic chemicals
	53	Dyeing, tanning and colouring materials
	54	Medicinal and pharmaceutical products
	55	Essential oils and perfume materials; toilet, polishing and cleansing preparations
	56	Fertilizers, manufactured
	57	Explosives and pyrotechnic products
	58	Artificial resins and plastic materials, and cellulose esters and ethers
	59	Chemical materials and products, n.e.s.
6		MANUFACTURED GOODS CLASSIFIED CHIEFLY BY MATERIAL
	61	Leather, leather manufactures, n.e.s. and dressed furskins
	62	Rubber manufactures, n.e.s.
	63	Cork and wood manufactures (excluding furniture)
	64	Paper, paperboard, and articles of paper pulp, of paper or of paperboard
	65	Textile yarn, fabrics, made-up articles, n.e.s., and related products
	66	Non-metallic mineral manufactures, n.e.s.
	67	Iron and steel
	68	Non-ferrous metals
	69	Manufactures of metal, n.e.s.
7		MACHINERY AND TRANSPORT EQUIPMENT
	71	Power generating machinery and equipment
	72	Machinery specialized for particular industries
	73	Metalworking machinery
	74	General industrial machinery and equipment, n.e.s. and machine parts, n.e.s.
	75	Office machines and automatic data processing equipment
	76	Telecommunications and sound recording and reproducing apparatus and equipment
	77	Electrical machinery, apparatus and appliances, n.e.s., and electrical parts thereof (including non-electrical counterparts, n.e.s., of electrical household type equipment)
	78	Road vehicles (including air cushion vehicles)
	79	Other transport equipment
8		MISCELLANEOUS MANUFACTURED ARTICLES
	81	Sanitary, plumbing, heating and lighting fixtures and fittings, n.e.s.
	82	Furniture and parts thereof
	83	Travel goods, handbags and similar containers
	84	Articles of apparel and clothing accessories
	85	Footwear
	87	Professional, scientific and controlling instruments and apparatus, n.e.s.
	88	Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches and clocks
	89	Miscellaneous manufactured articles, n.e.s.
9		COMMODITIES AND TRANSACTIONS NOT CLASSIFIED ELSEWHERE IN THE SITC

Source: United Nations (1975).

Appendix 2.a. 1969 data: RCA-computation for TOTAL SYSTEM OF AUSTRIAN FOREIGN TRADE.

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	relative EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5)	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
80.	3.32446	1182908.	49863.	-1133045.	1.88592	0.06788	27.7839	6.	15.
-9.	2.44502	88590.	8948.	-79542.	0.14124	0.01225	11.5308	13.	38.
24.	2.10535	4320753.	616365.	-3704393.	6.88861	0.83905	8.2100	2.	6.
64.	1.46083	3353399.	911461.	-2442438.	5.34714	1.24076	4.3096	3.	7.
67.	1.27951	7923183.	2581293.	-5341890.	12.63198	3.51389	3.5949	1.	1.
66.	0.82872	2684071.	1372475.	-1311596.	4.27923	1.86834	2.2904	5.	8.
85.	0.81189	824852.	428941.	-395911.	1.31507	0.58391	2.2522	8.	19.
02.	0.73650	606257.	339954.	-266303.	0.96656	0.46278	2.0886	10.	20.
57.	0.69664	99896.	58294.	-41602.	0.15926	0.07936	2.0070	15.	37.
89.	0.64633	4563061.	2800145.	-1762916.	7.27492	3.81181	1.9085	4.	4.
25.	0.54614	541352.	367211.	-174141.	0.86308	0.49983	1.7266	11.	22.
62.	0.54242	979022.	666568.	-312454.	1.56086	0.90739	1.7202	9.	16.
63.	0.52986	494821.	341155.	-153666.	0.78890	0.46441	1.6987	12.	24.
84.	0.44119	2272706.	1712207.	-560499.	3.62339	2.33081	1.5546	7.	9.
81.	0.18359	299911.	292335.	-7576.	0.47815	0.39795	1.2015	16.	28.
69.	0.17807	2208454.	2164580.	-43874.	3.52095	2.94662	1.1949	14.	10.
65.	0.01228	5171372.	5982620.	811248.	8.24475	8.14409	1.0124	41.	3.
68.	-0.05977	1912129.	2377355.	465226.	3.04852	3.23627	0.9420	33.	12.
72.	-0.06757	4464571.	5594288.	1129717.	7.11789	7.61546	0.9347	45.	5.
71.	-0.11029	7484059.	9787105.	2303046.	11.93188	13.32310	0.8956	49.	2.
09.	-0.32169	44022.	71121.	27099.	0.07018	0.09682	0.7249	18.	44.
53.	-0.32184	363915.	588024.	224109.	0.58019	0.80047	0.7248	23.	26.
27.	-0.33163	538449.	878600.	340151.	0.85845	1.19603	0.7178	27.	23.
61.	-0.36408	396526.	668361.	271335.	0.63218	0.90983	0.6948	25.	25.
26.	-0.50964	830379.	1618939.	788560.	1.32388	2.20385	0.6007	40.	18.
51.	-0.51358	1430695.	2800363.	1369668.	2.28097	3.81211	0.5983	46.	14.
58.	-0.56607	940815.	1940727.	999912.	1.49995	2.64190	0.5678	44.	17.
59.	-0.56624	339144.	699709.	360565.	0.54070	0.95251	0.5677	29.	27.
83.	-0.56945	70201.	145303.	75102.	0.11192	0.19780	0.5658	21.	41.
01.	-0.68982	232675.	543194.	310519.	0.37096	0.73945	0.5017	26.	31.
06.	-0.69747	50153.	117984.	67831.	0.07996	0.16061	0.4978	20.	43.
52.	-0.70043	7539.	17788.	10249.	0.01202	0.02421	0.4964	17.	50.
86.	-0.80876	554267.	1457402.	903135.	0.88367	1.98395	0.4454	42.	21.
73.	-0.92612	2121138.	6272057.	4150869.	3.38182	8.53810	0.3961	51.	11.
21.	-0.93201	115228.	342724.	227496.	0.18371	0.46655	0.3938	24.	36.
11.	-0.98553	78105.	245082.	166977.	0.12452	0.33363	0.3732	22.	40.
22.	-1.04853	22688.	75821.	53133.	0.03617	0.10321	0.3505	19.	48.
-3.	-1.06314	1563298.	5301234.	3737936.	2.49238	7.21653	0.3454	50.	13.
32.	-1.11055	189374.	677410.	488036.	0.30192	0.92215	0.3274	34.	33.
54.	-1.16934	273397.	1030984.	757587.	0.43588	1.40347	0.3106	39.	29.
29.	-1.34291	140824.	659594.	518770.	0.23727	0.90879	0.2611	35.	35.
55.	-1.61154	80966.	475123.	394157.	0.12908	0.64678	0.1996	31.	39.
07.	-1.69359	182464.	1168113.	985649.	0.29090	1.59014	0.1829	43.	34.
28.	-1.94484	228297.	1869620.	1641323.	0.36398	2.54510	0.1430	47.	32.
05.	-1.95853	271543.	2254443.	1982900.	0.43292	3.06895	0.1411	48.	30.
04.	-2.15538	68018.	687564.	619546.	0.10844	0.93598	0.1159	38.	42.
08.	-2.52861	41469.	608845.	567376.	0.06611	0.82882	0.0798	37.	45.
12.	-2.62167	23686.	381670.	357984.	0.03776	0.51956	0.0727	28.	47.
-4.	-2.94630	24850.	553998.	529148.	0.03962	0.75415	0.0525	36.	46.
03.	-3.23382	12758.	379171.	366413.	0.02034	0.51616	0.0394	30.	49.
23.	-5.11134	2406.	467460.	465054.	0.00384	0.63635	0.0060	32.	51.

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 2.b. 1969 data: RCA-computation for SUBSYSTEM: COMMON MARKET.

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	relative EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5)	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
00.	4.86353	1101469.	13582.	-1087887.	4.23905	0.03274	129.4809	3.	10
24.	3.96134	3626124.	110218.	-3515906.	13.95530	0.26568	52.5276	1.	2
25.	2.18618	397801.	71354.	-326447.	1.53095	0.17200	8.9011	5.	15
01.	1.69052	162462.	47837.	-114625.	0.62524	0.11531	5.4223	9.	24
64.	1.66551	1411305.	426083.	-985222.	5.43147	1.02705	5.2884	4.	6
67.	1.34430	3644471.	1517077.	-2127394.	14.02590	3.65685	3.8355	2.	1
02.	1.30562	314160.	135933.	-178227.	1.20906	0.32766	3.6900	8.	18
27.	1.11574	384003.	200897.	-183106.	1.47785	0.48425	3.0518	7.	16
22.	0.88396	14719.	9709.	-5010.	0.05665	0.02340	2.4205	10.	40
66.	0.71659	1356201.	1057575.	-298626.	5.21940	2.54924	2.0474	6.	7
-9.	0.46930	5631.	5623.	-8.	0.02167	0.01355	1.5989	11.	48
84.	0.45084	760163.	773228.	13065.	2.92552	1.86383	1.5696	14.	12
89.	0.42684	1948558.	2030194.	81636.	7.49911	4.89369	1.5324	21.	4
21.	0.39939	103533.	110872.	7339.	0.39845	0.26725	1.4909	13.	30
62.	0.27413	334442.	405943.	71501.	1.28711	0.97851	1.3154	20.	17
68.	0.21601	861931.	1108808.	246877.	3.31718	2.67273	1.2411	35.	11
63.	0.17355	105656.	141814.	36158.	0.40662	0.34184	1.1895	17.	29
52.	0.16103	4781.	6498.	1717.	0.01840	0.01566	1.1747	12.	49
81.	0.11402	121678.	173337.	51659.	0.46828	0.41782	1.1208	19.	27
-3.	0.05008	1214124.	1843784.	629660.	4.67261	4.44436	1.0514	42.	9
57.	-0.23815	18775.	38037.	19262.	0.07226	0.09169	0.7881	15.	39
28.	-0.26137	204429.	423886.	219457.	0.78675	1.02176	0.7700	31.	20
69.	-0.30407	726696.	1572555.	845859.	2.79672	3.79058	0.7378	45.	13
65.	-0.48893	1272695.	3313297.	2040602.	4.89802	7.98656	0.6133	48.	8
61.	-0.52231	134563.	362210.	227647.	0.51787	0.87309	0.5931	33.	26
72.	-0.52442	1506063.	4062505.	2556442.	5.79615	9.79249	0.5919	49.	5
85.	-0.64192	87425.	265225.	177800.	0.33646	0.63931	0.5263	29.	32
11.	-0.70259	44068.	142054.	97986.	0.16960	0.34242	0.4953	23.	34
71.	-0.71457	2142747.	6990430.	4847683.	8.24645	16.85013	0.4894	51.	3
26.	-0.79615	155181.	549288.	394107.	0.59722	1.32403	0.4511	39.	25
29.	-0.91129	89994.	357419.	267425.	0.34635	0.86154	0.4020	36.	31
59.	-0.99383	105847.	456552.	350705.	0.40736	1.10050	0.3702	37.	28
05.	-1.03191	183131.	820563.	637432.	0.70479	1.97793	0.3563	43.	21
86.	-1.13357	170513.	889141.	718628.	0.65623	2.14324	0.3062	44.	23
09.	-1.27781	6282.	35995.	29713.	0.02418	0.08676	0.2786	16.	47
-4.	-1.49304	22527.	160876.	138349.	0.08670	0.38778	0.2236	26.	36
73.	-1.53386	638738.	4727877.	4089139.	2.45821	11.39634	0.2157	50.	14
51.	-1.61507	222106.	1783094.	1560988.	0.85478	4.29807	0.1989	47.	19
58.	-1.63970	179976.	1480891.	1300915.	0.69265	3.56962	0.1940	46.	22
07.	-1.66368	13298.	112075.	98777.	0.05118	0.27015	0.1894	24.	41
82.	-1.90715	42556.	457531.	414975.	0.16378	1.10286	0.1485	40.	35
04.	-1.93335	22296.	246074.	223778.	0.08581	0.59315	0.1447	32.	37
54.	-1.94965	53706.	602480.	548774.	0.20669	1.45225	0.1423	41.	33
06.	-1.99366	4145.	48591.	44446.	0.01595	0.11713	0.1362	18.	50
83.	-2.09349	7961.	103123.	95162.	0.03064	0.24857	0.1233	22.	44
12.	-2.32142	8194.	133313.	125119.	0.03153	0.32135	0.0981	25.	43
53.	-2.47768	19345.	377476.	357631.	0.07637	0.90989	0.0839	38.	38
55.	-2.57635	11819.	248126.	236307.	0.04549	0.59810	0.0761	34.	42
08.	-2.64082	7211.	161468.	154257.	0.02775	0.38921	0.0713	27.	45
03.	-2.78441	6625.	171252.	164627.	0.02550	0.41280	0.0618	28.	46
23.	-4.63166	1233.	202146.	200913.	0.00475	0.48726	0.0097	30.	51

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 2.c. 1969 data: RCA-computation for SUBSYSTEM: EFTA.

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5) relative	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
-9.	3.12333	9931.	415.	-9516.	0.06742	0.00297	22.7218	17.	41.
24.	2.63837	209493.	14218.	-195275.	1.42213	0.10165	13.9904	9.	16.
52.	2.51238	2650.	204.	-2446.	0.01799	0.00146	12.3343	19.	45.
85.	1.59125	479371.	92704.	-386667.	3.25418	0.66278	4.9099	3.	10.
02.	1.18219	139019.	40472.	-98547.	0.94372	0.28935	3.2615	12.	19.
67.	1.03287	1434569.	484899.	-949670.	9.73849	3.46676	2.8091	1.	3.
66.	1.02038	456418.	156213.	-300205.	3.09837	1.11684	2.7742	6.	12.
89.	0.91270	1276475.	486554.	-789921.	8.66528	3.47859	2.4910	2.	4.
57.	0.60402	25959.	13473.	-12486.	0.17622	0.09632	1.8295	16.	34.
64.	0.59107	632177.	332384.	-299793.	4.29150	2.37636	1.8059	7.	8.
62.	0.44005	373416.	228338.	-145078.	2.53491	1.63249	1.5528	10.	13.
84.	0.37927	1039693.	675597.	-364096.	7.05790	4.83014	1.4612	4.	6.
63.	0.36494	230843.	152171.	-78677.	1.56710	1.08794	1.4404	13.	15.
27.	0.27906	66843.	48013.	-18830.	0.45376	0.34327	1.3219	14.	25.
68.	0.22733	567304.	429126.	-138178.	3.85111	3.06801	1.2552	11.	9.
05.	0.22223	52904.	40223.	-12681.	0.35914	0.28757	1.2489	15.	28.
83.	0.17092	36911.	29541.	-7370.	0.25057	0.21120	1.1864	18.	31.
72.	0.15375	1440337.	1172708.	-267629.	9.77764	8.38421	1.1662	8.	2.
65.	0.09358	2448683.	2117340.	-331343.	16.62274	15.13780	1.0981	5.	1.
51.	-0.04202	237775.	235458.	-2317.	1.61412	1.68339	0.9589	20.	14.
07.	-0.10019	131325.	137834.	6509.	0.89149	0.98544	0.9047	25.	21.
81.	-0.10403	93346.	93350.	5004.	0.63367	0.70315	0.9012	24.	24.
69.	-0.11211	473481.	502908.	29427.	3.21420	3.59551	0.8939	32.	11.
22.	-0.16898	2180.	2451.	271.	0.01480	0.01752	0.8445	21.	47.
61.	-0.31837	157550.	205675.	48125.	1.06952	1.47046	0.7273	36.	18.
01.	-0.38475	64197.	89559.	25362.	0.43580	0.64030	0.6806	31.	27.
29.	-0.40212	40603.	57636.	17033.	0.27563	0.41207	0.6689	28.	29.
26.	-0.43708	138141.	203069.	64928.	0.93776	1.45183	0.6459	39.	20.
82.	-0.49885	101359.	158492.	57133.	0.68807	1.13313	0.6072	37.	23.
73.	-0.58595	710334.	1211812.	501478.	4.82206	8.66378	0.5566	50.	7.
06.	-0.61787	14123.	24875.	10752.	0.09587	0.17784	0.5391	27.	38.
71.	-0.69127	1073913.	2035552.	961639.	7.29020	14.55306	0.5009	51.	5.
08.	-0.76555	24273.	49556.	25283.	0.16478	0.35430	0.4651	30.	35.
58.	-0.80831	166008.	353731.	187723.	1.12694	2.52898	0.4456	46.	17.
00.	-0.93354	1089.	2630.	1541.	0.00739	0.01880	0.3932	22.	48.
25.	-1.11103	40318.	116282.	75964.	0.27370	0.83135	0.3292	40.	30.
11.	-1.15402	15079.	45400.	30321.	0.10236	0.32458	0.3154	33.	37.
86.	-1.20171	126041.	398020.	271979.	0.85562	2.84562	0.3007	48.	22.
09.	-1.37844	8386.	31601.	23215.	0.05693	0.22593	0.2520	29.	43.
28.	-1.39596	13033.	50172.	37089.	0.08831	0.35870	0.2476	35.	40.
54.	-1.79265	64598.	368345.	303747.	0.43852	2.63346	0.1665	49.	26.
59.	-1.85875	27946.	170241.	142295.	0.18971	1.21713	0.1559	43.	33.
-3.	-1.90799	31330.	200488.	169158.	0.21268	1.43338	0.1484	44.	32.
04.	-2.22356	7427.	65488.	58061.	0.05042	0.46820	0.1077	38.	44.
53.	-2.37948	18691.	191657.	172966.	0.12688	1.37024	0.0926	45.	36.
21.	-2.45632	8441.	93467.	85026.	0.05730	0.66824	0.0857	41.	42.
55.	-2.75945	13469.	201952.	188483.	0.09143	1.44384	0.0633	47.	39.
23.	-3.70749	62.	2399.	2337.	0.00042	0.01715	0.0245	23.	51.
12.	-3.83062	233.	10197.	9964.	0.00158	0.07290	0.0217	26.	50.
03.	-3.93410	2512.	121920.	119408.	0.01705	0.87166	0.0196	42.	46.
-4.	-4.11649	606.	35297.	34691.	0.00411	0.25235	0.0163	34.	49.

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 2.d. 1969 data: RCA-computation for SUBSYSTEM: COMECON.

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	relative EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5)	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
53.	3.51388	229850.	5720.	-224130.	2.70740	0.0806	33.5782	8.	13.0
62.	2.80522	68250.	3450.	-64800.	0.80392	0.0486	16.5308	16.	20.0
56.	2.72337	392918.	21556.	-371362.	4.62818	0.3039	15.2315	5.	6.0
59.	2.66361	132745.	7731.	-125014.	1.56360	0.1090	14.3480	13.	16.0
69.	2.41861	276986.	20610.	-256376.	3.26261	0.2905	11.2302	7.	9.0
63.	2.20456	92407.	8517.	-83890.	1.08846	0.1201	9.0662	14.	17.0
72.	2.14739	624236.	60920.	-563316.	7.35287	0.8587	8.5624	3.	4.0
85.	2.07109	74405.	7837.	-66568.	0.87642	0.1105	7.9334	15.	18.0
64.	2.02623	549104.	60490.	-483614.	6.46789	0.8527	7.5854	4.	5.0
71.	1.88287	1452631.	184690.	-1267941.	17.11052	2.6034	6.5724	2.	2.0
09.	1.82684	5518.	742.	-4776.	0.06500	0.0105	6.2142	27.	38.0
55.	1.76838	20496.	2922.	-17574.	0.24142	0.0412	5.8614	22.	30.0
81.	1.55986	15135.	2658.	-12477.	0.17827	0.0375	4.7581	24.	31.0
89.	1.29233	247117.	56710.	-190407.	2.91079	0.7994	3.6413	11.	10.0
67.	1.27260	1666943.	390162.	-1276781.	19.63490	5.4998	3.5701	1.	1.0
26.	1.17508	237786.	61357.	-176429.	2.80088	0.8649	3.2384	12.	11.0
65.	1.14385	385807.	102710.	-283097.	4.54441	1.4478	3.1388	6.	7.0
86.	1.12986	60788.	16411.	-44377.	0.71602	0.2313	3.0952	17.	21.0
66.	1.11076	297319.	81815.	-215504.	3.50212	1.1533	3.0367	9.	8.0
54.	1.00684	29229.	8924.	-20305.	0.34429	0.1258	2.7369	20.	27.0
57.	0.78897	4046.	1536.	-2510.	0.04766	0.0217	2.2011	28.	42.0
61.	0.65709	41323.	17899.	-23424.	0.48674	0.2523	1.9292	19.	24.0
00.	0.40486	44968.	25066.	-19902.	0.52968	0.3533	1.4991	21.	23.0
84.	0.24770	73596.	48201.	-25695.	0.87042	0.6794	1.2811	18.	19.0
51.	0.23151	638733.	423432.	-215301.	7.52363	5.9687	1.2605	10.	3.0
07.	0.14503	31974.	23111.	-8863.	0.37662	0.3258	1.1561	25.	26.0
83.	0.14052	6071.	4408.	-1663.	0.07151	0.0621	1.1509	29.	36.0
82.	0.07138	22091.	17188.	-4903.	0.26021	0.2423	1.0740	26.	29.0
68.	-0.06993	146581.	131359.	-15223.	1.72658	1.8516	0.9325	23.	15.0
73.	-0.24335	196065.	208975.	12910.	2.30945	2.9457	0.7840	36.	14.0
08.	-0.95689	9891.	21519.	11628.	0.11651	0.3033	0.3841	35.	34.0
-9.	-1.05169	199.	476.	277.	0.00234	0.0067	0.3493	30.	48.0
11.	-1.06408	4858.	11765.	6907.	0.05722	0.1658	0.3450	33.	39.0
03.	-1.12124	3550.	9103.	5553.	0.04182	0.1283	0.3259	32.	43.0
12.	-1.60116	12933.	53590.	40657.	0.15234	0.7554	0.2017	41.	32.0
27.	-1.62316	51159.	216700.	165541.	0.60260	3.0546	0.1973	44.	22.0
22.	-1.66289	5789.	25515.	19726.	0.06819	0.3597	0.1896	38.	37.0
25.	-1.90021	8593.	48606.	39913.	0.10239	0.6852	0.1494	40.	35.0
24.	-2.12232	40166.	280271.	240105.	0.47311	3.9507	0.1198	47.	25.0
04.	-2.14955	27993.	200722.	172729.	0.32973	2.8294	0.1165	45.	28.0
02.	-2.48018	12323.	122986.	110663.	0.14515	1.7336	0.0837	43.	33.0
-3.	-2.62676	233668.	2867182.	2633514.	2.75237	40.4161	0.0681	51.	12.0
21.	-2.84925	370.	5341.	4971.	0.00436	0.0753	0.0579	31.	47.0
29.	-2.95043	4521.	72210.	67689.	0.05325	1.0179	0.0523	42.	40.0
28.	-4.20598	4314.	241838.	237524.	0.05081	3.4090	0.0149	46.	41.0
52.	-4.75200	108.	10452.	10344.	0.00127	0.1473	0.0086	34.	50.5
01.	-5.22477	2004.	311169.	309165.	0.02361	4.3863	0.0054	50.	44.0
23.	-5.26769	103.	17505.	17397.	0.00127	0.2468	0.0052	37.	50.5
00.	-5.73400	130.	33589.	33459.	0.00153	0.4735	0.0032	39.	49.0
05.	-5.73667	1099.	284716.	283617.	0.01295	4.0134	0.0032	49.	45.0
-4.	-6.61953	402.	251803.	251401.	0.00474	3.5494	0.0013	48.	46.0

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 2.e. 1969 data: RCA-computation for SUBSYSTEM: Federal Republic of Germany.

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	relative EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5)	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
00.	2.96386	73298.	7557.	-65741.	0.48233	0.02490	19.37252	7.	23
24.	2.96182	857321.	88570.	-768751.	5.64151	0.29181	19.33304	2.	39
01.	2.25424	47285.	9912.	-37373.	0.31115	0.03266	9.52808	9.	47
64.	1.87420	1032907.	316628.	-716279.	6.79693	1.04318	6.51561	3.	9
67.	1.60370	2777442.	1115860.	-1661582.	18.27666	3.67636	4.97140	1.	15
27.	1.33262	270656.	142597.	-128059.	1.78102	0.46981	3.79097	4.	36
05.	1.14505	126329.	80607.	-46222.	0.83458	0.26557	3.14260	8.	50
21.	0.97997	100815.	75574.	-25241.	0.66340	0.24899	2.66438	10.	43
-9.	0.90604	5037.	4106.	-931.	0.03347	0.01353	2.47449	13.	32
25.	0.89205	82947.	67894.	-15053.	0.54582	0.22369	2.44013	11.	38
84.	0.84435	635731.	545784.	-89947.	4.18336	1.79816	2.32646	5.	24
02.	0.84395	58090.	49391.	-8199.	0.38225	0.16437	2.32553	12.	41
66.	0.80095	749450.	671953.	-77497.	4.93167	2.21385	2.22765	6.	19
52.	0.69126	3741.	3743.	2.	0.02462	0.01233	1.99623	14.	46
28.	0.64514	129058.	135222.	6164.	0.84925	0.44551	1.90625	16.	45
-3.	0.58063	1178199.	1316729.	138530.	7.75301	4.33815	1.78717	34.	42
62.	0.51025	260668.	312560.	51892.	1.71530	1.02977	1.66570	24.	2
85.	0.48714	70272.	86231.	15959.	0.46242	0.28410	1.62765	17.	8
63.	0.47384	80055.	99551.	19496.	0.52679	0.32799	1.60615	19.	6
68.	0.40928	672892.	892567.	219675.	4.42789	2.94069	1.50573	37.	29
11.	0.19095	28933.	47751.	18813.	0.19042	0.15732	1.21040	18.	33
81.	0.15712	89385.	152571.	63186.	0.58819	0.50267	1.17014	26.	13
22.	0.11333	2515.	4485.	1970.	0.01655	0.01478	1.12000	15.	37
29.	0.04010	71651.	137483.	65832.	0.47149	0.45296	1.04092	27.	44
89.	0.02935	860241.	1668466.	808225.	5.66072	5.49700	1.02978	44.	14
61.	-0.05208	111016.	233585.	122569.	0.73053	0.76958	0.94926	33.	22
65.	-0.11368	1019700.	2281852.	1262152.	6.71003	7.51789	0.89254	48.	17
69.	-0.30206	505936.	1366858.	860922.	3.32926	4.50331	0.73929	45.	5
26.	-0.37461	115479.	335457.	219978.	0.75990	1.10521	0.68756	38.	16
57.	-0.44653	9766.	30485.	20719.	0.06426	0.10044	0.63984	20.	21
72.	-0.48248	914093.	2957825.	2043732.	6.01509	9.74498	0.61725	49.	7
71.	-0.74783	1363299.	5751921.	4388622.	8.97104	18.95053	0.47339	51.	10
07.	-1.10784	8330.	50375.	42045.	0.05481	0.16597	0.33027	23.	26
59.	-1.21325	50289.	337928.	287639.	0.33092	1.11335	0.29723	39.	4
09.	-1.30948	4055.	30001.	25946.	0.02668	0.09884	0.26996	21.	11
86.	-1.40891	90503.	739582.	649079.	0.59555	2.43666	0.24441	43.	18
58.	-1.52995	125745.	1159794.	1034049.	0.82745	3.82111	0.21655	46.	3
83.	-1.56793	6615.	63375.	56760.	0.04353	0.20880	0.20848	25.	27
04.	-1.58194	8630.	84332.	75652.	0.05712	0.27784	0.20558	28.	40
51.	-1.58480	126451.	1232070.	1105619.	0.83210	4.05923	0.20499	47.	25
73.	-1.61157	355397.	3556756.	3201359.	2.33865	11.71824	0.19957	50.	30
-4.	-1.68347	10143.	109077.	98934.	0.06674	0.35937	0.18573	29.	51
82.	-1.82727	31702.	393643.	361941.	0.20861	1.29691	0.16085	41.	28
06.	-2.09109	2095.	33867.	31772.	0.01379	0.11158	0.12355	22.	49
12.	-2.10383	7319.	128019.	120200.	0.05145	0.42178	0.12199	32.	35
54.	-2.10423	30660.	502193.	471533.	0.20175	1.65455	0.12194	42.	20
53.	-2.40340	15462.	341581.	326119.	0.10175	1.12539	0.09041	40.	1
08.	-2.44717	5369.	123916.	118547.	0.03533	0.40826	0.08654	31.	31
55.	-2.62056	7083.	194427.	187344.	0.04661	0.64057	0.07276	36.	12
03.	-2.96001	4294.	165509.	161215.	0.02826	0.54529	0.05182	35.	34
23.	-3.85008	1210.	113579.	112369.	0.00796	0.37420	0.02128	30.	48

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 2.f. 1969 data: RCA-computation for SUBSYSTEM: "CM-FRG".

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	relative EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5)	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
00.	5.17123	1028171.	6025.	-1022146.	9.5314	0.05412	176.1311	2.	3.
24.	4.88287	2768803.	21648.	-2747155.	25.6675	0.19444	132.0086	1.	1.
25.	4.54245	314854.	3460.	-311394.	2.9188	0.03108	93.9206	5.	9.
64.	1.27204	378398.	109455.	-268943.	3.5078	0.98310	3.5681	6.	8.
01.	1.14247	115177.	37925.	-77252.	1.0677	0.34064	3.1345	9.	16.
89.	1.13310	1088317.	361728.	-726589.	10.0890	3.24897	3.1053	3.	2.
02.	1.12222	256070.	86042.	-170028.	2.3738	0.77281	3.0717	8.	11.
22.	0.88011	12204.	5224.	-6980.	0.1131	0.04692	2.4112	13.	36.
67.	0.80218	867029.	401217.	-465812.	8.0376	3.60365	2.2304	4.	4.
27.	0.69646	113347.	58300.	-55047.	1.0508	0.52364	2.0066	10.	17.
66.	0.48487	606751.	385622.	-221129.	5.6247	3.46358	1.6240	7.	6.
81.	0.47314	32293.	20766.	-11527.	0.2994	0.18652	1.6050	12.	27.
57.	0.20302	9009.	7552.	-1457.	0.0835	0.06783	1.2312	14.	38.
69.	0.10228	220760.	205697.	-15063.	2.0465	1.84753	1.1077	11.	13.
68.	-0.10283	189039.	216241.	27202.	1.7524	1.94223	0.9023	23.	14.
62.	-0.20409	73774.	93383.	19609.	0.6839	0.83875	0.8154	22.	21.
71.	-0.43147	779448.	1238509.	459061.	7.2257	11.12405	0.6496	46.	5.
63.	-0.46967	25601.	42263.	16662.	0.2373	0.37960	0.6252	21.	28.
84.	-0.57154	124432.	227444.	103012.	1.1535	2.04286	0.5647	37.	15.
72.	-0.59225	591970.	1104680.	512710.	5.4877	9.92202	0.5531	48.	7.
86.	-0.59393	80010.	149559.	69549.	0.7417	1.34331	0.5522	33.	19.
59.	-0.72692	55558.	118624.	63066.	0.5150	1.06546	0.4834	32.	23.
03.	-0.87007	2331.	5743.	3412.	0.0216	0.05158	0.4189	17.	43.
52.	-0.94259	1040.	2755.	1715.	0.0096	0.02474	0.3896	16.	48.
09.	-0.95849	2227.	5994.	3767.	0.0206	0.05384	0.3835	18.	44.
-9.	-0.99393	544.	1517.	973.	0.0050	0.01363	0.3701	15.	49.
28.	-1.31123	75371.	288664.	213293.	0.6987	2.59272	0.2695	43.	20.
65.	-1.37374	252995.	1031445.	778450.	2.3453	9.26424	0.2532	50.	12.
73.	-1.38746	283341.	1171121.	887780.	2.6266	10.51878	0.2497	51.	10.
-4.	-1.39936	12384.	51799.	39415.	0.1148	0.46525	0.2468	28.	35.
54.	-1.43893	23046.	100287.	77241.	0.2136	0.90076	0.2372	34.	30.
26.	-1.65217	39702.	213831.	174129.	0.3630	1.92059	0.1916	41.	25.
61.	-1.66629	23547.	128625.	105078.	0.2183	1.15529	0.1889	38.	29.
51.	-1.71942	95655.	551024.	455369.	0.8867	4.94919	0.1792	45.	18.
82.	-1.74099	10854.	63888.	53034.	0.1006	0.57383	0.1753	30.	37.
58.	-1.74688	54231.	321097.	266866.	0.5027	2.88403	0.1743	44.	24.
11.	-1.79822	15130.	94303.	79173.	0.1403	0.84701	0.1656	35.	33.
06.	-1.94003	2050.	14724.	12674.	0.0190	0.13225	0.1437	20.	45.
53.	-2.07126	4383.	35895.	31512.	0.0406	0.32240	0.1260	24.	41.
85.	-2.31357	17153.	178994.	161841.	0.1590	1.60769	0.0989	40.	32.
55.	-2.39659	4736.	53699.	48963.	0.0439	0.48231	0.0910	29.	40.
04.	-2.44315	13616.	161742.	148126.	0.1262	1.45274	0.0869	39.	34.
29.	-2.45248	18343.	219936.	201593.	0.1700	1.97542	0.0861	42.	31.
07.	-2.48766	4968.	61700.	56732.	0.0461	0.55418	0.0831	31.	39.
21.	-2.53232	2718.	35298.	32580.	0.0252	0.31704	0.0795	25.	42.
05.	-2.54425	56302.	739956.	683654.	0.5219	6.64614	0.0785	49.	22.
12.	-2.61579	375.	5294.	4919.	0.0035	0.04755	0.0731	19.	50.
-3.	-2.65426	35925.	527055.	491130.	0.3330	4.73391	0.0704	47.	26.
08.	-2.98327	1342.	37552.	35710.	0.0171	0.33728	0.0506	26.	46.
83.	-3.35381	1346.	39748.	38402.	0.0125	0.35701	0.0350	27.	47.
23.	-8.22441	23.	88567.	88544.	0.0002	0.79549	0.0003	36.	51.

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 2.g. 1969 data: RCA-computation for SUBSYSTEM: Rest of the World.

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	relative EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5)	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
-9.	3.16224	72029.	2484.	-70345.	0.5387	0.02280	23.6234	18.	24.0
69.	2.15187	731241.	63507.	-662734.	5.4095	0.62894	8.6009	5.	7.0
57.	2.06024	51116.	5248.	-45868.	0.3731	0.04818	7.8479	20.	29.0
09.	1.93166	23336.	2783.	-21053.	0.1763	0.02555	6.9010	24.	35.0
64.	1.89179	761313.	92504.	-668809.	5.6315	0.84925	6.6312	4.	6.0
66.	1.79471	574133.	76872.	-497261.	4.2469	0.70574	6.0177	8.	9.0
53.	1.76541	95529.	13171.	-82358.	0.7066	0.12092	5.8439	16.	21.0
62.	1.73512	202914.	28837.	-174077.	1.5010	0.26474	5.6696	12.	15.0
67.	1.61232	1177200.	189155.	-988045.	8.7079	1.73657	5.0144	2.	2.0
71.	1.36977	2814768.	576433.	-2238335.	20.8212	5.29204	3.9344	1.	1.0
89.	1.35519	1090911.	226687.	-864224.	8.0696	2.08114	3.8775	3.	3.0
73.	1.32482	576051.	123393.	-452658.	4.2611	1.13283	3.7615	9.	8.0
00.	1.20018	35382.	8585.	-26797.	0.2617	0.07882	3.3207	23.	31.0
81.	1.13912	69752.	17990.	-51762.	0.5160	0.16516	3.1240	19.	26.0
02.	1.02816	140755.	40563.	-100192.	1.0412	0.37240	2.7959	15.	19.0
72.	0.88201	893935.	298155.	-595780.	6.6126	2.73726	2.4158	7.	5.0
85.	0.85112	183651.	63175.	-120476.	1.3585	0.57999	2.3423	13.	18.0
06.	0.85062	31755.	10929.	-20826.	0.2349	0.10034	2.3411	25.	34.0
54.	0.68277	125364.	51235.	-74629.	0.9310	0.47037	1.9794	17.	20.0
58.	0.65450	201913.	84549.	-117364.	1.4936	0.77622	1.9242	14.	16.0
65.	0.64633	1064187.	449273.	-614914.	7.8719	4.12463	1.9085	6.	4.0
83.	0.63401	19258.	8231.	-11027.	0.1425	0.07557	1.8852	27.	37.0
24.	0.52704	444975.	211658.	-233317.	3.2915	1.94316	1.6939	10.	10.0
84.	0.40136	398954.	215181.	-183773.	2.9511	1.97551	1.4939	11.	11.0
63.	0.31766	65910.	38653.	-27257.	0.4875	0.35486	1.3739	22.	27.0
55.	0.24791	35182.	22123.	-13059.	0.2602	0.20310	1.2813	26.	32.0
86.	0.03097	196925.	153830.	-43095.	1.4567	1.41226	1.0315	21.	17.0
59.	-0.10819	72606.	65185.	-7421.	0.5371	0.59844	0.8975	28.	25.0
51.	-0.29222	332081.	358379.	26298.	2.4564	3.29016	0.7466	32.	13.0
61.	-0.48518	63090.	82577.	19487.	0.4667	0.75811	0.6156	30.	28.0
25.	-0.54194	94540.	130969.	36429.	0.6993	1.20238	0.5816	34.	22.0
82.	-0.85334	23368.	44199.	20831.	0.1729	0.40578	0.4260	31.	36.0
68.	-0.96050	336313.	708063.	371750.	2.4878	6.50049	0.3827	45.	12.0
26.	-1.20578	299271.	805225.	505954.	2.2137	7.39250	0.2995	48.	14.0
11.	-1.39549	14100.	45863.	31763.	0.1043	0.42105	0.2477	33.	38.0
-3.	-1.74868	84176.	389780.	305604.	0.6227	3.57844	0.1740	44.	23.0
27.	-2.64365	36444.	412990.	376546.	0.2696	3.79152	0.0711	47.	30.0
29.	-2.79296	13706.	180329.	166623.	0.1014	1.65554	0.0612	41.	39.0
04.	-3.05005	10302.	175280.	164978.	0.0762	1.60919	0.0474	40.	40.0
01.	-3.37668	4012.	94629.	90617.	0.0297	0.86876	0.0342	37.	43.0
05.	-3.68385	34409.	1108941.	1074532.	0.2545	10.18082	0.0250	50.	33.0
21.	-4.04751	2884.	133044.	130160.	0.0213	1.22143	0.0175	39.	44.0
12.	-4.58989	2326.	184570.	182244.	0.0172	1.69448	0.0102	42.	45.0
-4.	-4.60582	1315.	106022.	104707.	0.0097	0.97335	0.0100	38.	46.0
07.	-5.24359	5867.	895093.	889226.	0.0434	8.21755	0.0053	49.	42.0
28.	-5.39943	6471.	1153724.	1147253.	0.0479	10.59196	0.0045	51.	41.0
23.	-5.71594	1003.	245410.	244407.	0.0074	2.25303	0.0033	43.	47.0
03.	-7.20354	71.	76896.	76825.	0.0005	0.70596	0.0007	36.	49.0
08.	-8.51086	94.	376302.	376208.	0.0007	3.45470	0.0002	46.	48.0
52.	*	0.	634.	634.	0.	0.00582	0.	29.	50.5
22.	*	0.	38146.	38146.	0.	0.35021	0.	35.	50.5

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 3.a. 1979 data: RCA-computation for TOTAL SYSTEM OF AUSTRIAN FOREIGN TRADE.

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	relative EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5)	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0.	3.29801	1518150.	73829.	-1444321.	0.74256	0.02744	27.0588	5.	25.
2.40	1.49406	10805413.	3191523.	-7613890.	5.28518	1.18630	4.4552	2.	5.
6.40	1.31489	9851320.	3480687.	-6370633.	4.81851	1.29379	3.7243	3.	8.
6.70	1.30019	22759500.	8160539.	-14598961.	11.13221	3.03331	3.6700	1.	2.
0.20	1.04889	1737918.	801164.	-936754.	0.85006	0.29780	2.8545	7.	23.
6.30	0.89113	3121476.	1684793.	-1436683.	1.52679	0.62625	2.4380	6.	17.
5.70	0.81055	153230.	89649.	-63581.	0.07495	0.03332	2.2492	15.	45.
1.10	0.64001	1055483.	732349.	-323134.	0.51626	0.27222	1.8965	12.	31.
6.60	0.61095	7372155.	5266017.	-2106138.	3.60589	1.95740	1.8422	4.	10.
6.20	0.54937	3026782.	2299406.	-727376.	1.48047	0.85470	1.7322	10.	18.
2.60	0.52238	2431705.	1897859.	-533846.	1.18940	0.70544	1.6860	11.	21.
8.50	0.49883	3818974.	3051441.	-767533.	1.86795	1.13423	1.6469	9.	15.
2.50	0.41602	1417022.	1230044.	-186978.	0.69310	0.45721	1.5159	13.	27.
0.40	0.38612	1072513.	959253.	-113260.	0.52459	0.35656	1.4713	14.	29.
6.90	0.35938	10615371.	9751638.	-863733.	5.19223	3.62473	1.4324	8.	6.
8.10	0.29137	1224899.	1204424.	-20475.	0.59913	0.44769	1.3383	16.	28.
0.10	0.27651	952951.	951055.	-1896.	0.46611	0.35351	1.3185	17.	34.
6.50	0.18699	12716431.	13879548.	1163117.	6.21990	5.15909	1.2056	32.	4.
7.15	0.18514	28891304.	31592388.	2701084.	14.13141	11.74303	1.2034	43.	1.
7.67	0.17774	18964832.	20891884.	1927052.	9.27614	7.76561	1.1945	40.	3.
5.10	-0.00366	3337064.	4407327.	1070263.	1.63224	1.63822	0.9963	30.	16.
6.80	-0.00588	4522508.	5986240.	1463732.	2.21206	2.22511	0.9941	35.	13.
0.90	-0.05254	310572.	430725.	120153.	0.15191	0.16010	0.9488	19.	38.
6.10	-0.07159	1502083.	2123282.	621199.	0.73470	0.78923	0.9309	24.	26.
8.90	-0.09652	8505377.	12327007.	3821130.	4.16042	4.58200	0.9080	46.	9.
5.80	-0.09708	5294167.	7676780.	2382613.	2.58950	2.85349	0.9075	41.	12.
5.20	-0.10168	1885131.	2746122.	860991.	0.92206	1.02075	0.9033	26.	22.
0.60	-0.16618	263508.	409434.	145926.	0.12889	0.15219	0.8469	20.	41.
8.40	-0.19048	6672719.	10623066.	3950347.	3.26378	3.94864	0.8266	47.	11.
8.78	-0.27402	4341790.	7514409.	3172619.	2.12367	2.79314	0.7603	44.	14.
5.40	-0.29730	2448640.	4337710.	1889070.	1.19769	1.61235	0.7428	38.	20.
2.10	-0.31164	285455.	512980.	227525.	0.13962	0.19068	0.7322	21.	40.
5.30	-0.36062	1026985.	1938203.	911218.	0.50232	0.72044	0.6972	28.	32.
2.70	-0.41433	984017.	1959590.	975573.	0.48131	0.72839	0.6608	29.	33.
5.90	-0.56373	1068753.	2483674.	1414921.	0.52275	0.92319	0.5662	34.	30.
9.00	-0.59432	209438.	499329.	289891.	0.10244	0.18560	0.5519	22.	43.
8.20	-0.66058	1607257.	4094426.	2487169.	0.78615	1.52192	0.5166	42.	24.
7.89	-0.70590	10355548.	27603468.	17247920.	5.06514	10.26033	0.4937	50.	7.
5.50	-1.15987	482314.	2026397.	1543583.	0.23616	0.75322	0.3135	37.	37.
8.30	-1.43130	143222.	788562.	645340.	0.07005	0.29311	0.2390	25.	46.
2.90	-1.50017	306733.	1809247.	1502514.	0.15003	0.67251	0.2231	36.	39.
2.20	-1.65716	20310.	140161.	119851.	0.00993	0.05210	0.1907	18.	51.
0.50	-1.68079	784498.	5543302.	4758804.	0.38372	2.06047	0.1862	48.	36.
2.80	-1.68840	933837.	6680589.	5745752.	0.45921	2.48469	0.1848	49.	35.
4.00	-1.77696	131317.	1410537.	1229220.	0.08869	0.52430	0.1692	33.	44.
1.20	-1.80454	78536.	628043.	549507.	0.03841	0.23345	0.1646	23.	47.
3.00	-2.12918	3015531.	33363866.	30348336.	1.47497	12.40150	0.1189	51.	19.
2.30	-2.54471	68004.	1140014.	1072010.	0.03326	0.42375	0.0785	31.	48.
0.70	-2.57180	218267.	3759459.	3541192.	0.10676	1.39741	0.0764	45.	42.
0.80	-3.29999	55554.	1981992.	1926438.	0.02717	0.73672	0.0369	39.	49.
0.30	-3.30661	24324.	891532.	866708.	0.01214	0.33139	0.0366	27.	50.

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 3.b. 1979 data: RCA-computation for SUBSYSTEM: COMMON MARKET.

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	relative EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5)	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0.	3.67670	1058875.	45487.	-1013388.	1.09614	0.02774	39.5156	4.	23
2.40	2.94956	8283519.	736735.	-7551784.	8.58026	0.44929	19.0975	1.	4
2.50	2.20807	850816.	158743.	-692073.	0.88076	0.09681	9.0981	6.	26
0.10	1.85149	732403.	195196.	-537212.	0.75819	0.11904	6.3693	7.	27
6.40	1.43023	4308940.	1750009.	-2558931.	4.46060	1.06722	4.1797	3.	8
2.60	1.07817	1142787.	659983.	-482804.	1.18301	0.40248	2.9393	8.	21
6.30	1.05118	1757063.	1042504.	-714559.	1.81891	0.63576	2.8610	5.	17
6.70	1.01587	9098764.	5592504.	-3506260.	9.41902	3.41050	2.7618	2.	3
2.10	0.95100	247664.	162427.	-85237.	0.25638	0.09905	2.5883	9.	35
0.20	0.67726	567870.	489698.	-78172.	0.58786	0.29863	1.9685	10.	32
1.10	0.60225	578546.	537769.	-40777.	0.59891	0.32795	1.8262	11.	31
2.70	0.58178	631784.	599398.	-32386.	0.65402	0.36553	1.7892	12.	29
9.00	0.49875	150785.	155441.	4656.	0.15609	0.09479	1.6467	13.	39
6.20	0.33964	1495627.	1807721.	312094.	1.54827	1.10241	1.4044	21.	18
6.60	0.30933	3502541.	4363685.	861144.	3.62582	2.66113	1.3625	30.	11
8.50	0.17434	1891342.	2696913.	805571.	1.95791	1.64467	1.1905	29.	16
7.67	0.17308	10234327.	14611722.	4377395.	10.59455	8.91074	1.1890	48.	2
8.10	0.07613	613433.	964972.	351539.	0.63502	0.53847	1.0791	22.	30
6.80	0.04954	2280521.	3684076.	1403555.	2.36079	2.24668	1.0508	37.	13
0.40	0.02676	428681.	708475.	279794.	0.44377	0.43205	1.0271	19.	33
6.50	-0.04696	5082791.	9042880.	3960089.	5.26169	5.51466	0.9541	44.	5
6.90	-0.04784	4238706.	7547775.	3309069.	4.38790	4.60290	0.9533	43.	9
2.80	-0.05969	861674.	1552655.	690981.	0.89200	0.94686	0.9421	27.	25
8.78	-0.15370	2143239.	4242617.	2099378.	2.21868	2.58730	0.8575	41.	14
5.40	-0.18999	1284359.	2636396.	1352037.	1.32957	1.60777	0.8270	35.	20
8.90	-0.19186	4484672.	9222895.	4738223.	4.64252	5.62444	0.8254	49.	6
8.40	-0.23942	3505871.	7561097.	4055226.	3.62927	4.61102	0.7871	45.	10
5.20	-0.25627	880281.	1930761.	1050480.	0.91126	1.17745	0.7739	32.	24
7.15	-0.26060	10733107.	23753718.	12970611.	11.16265	14.48584	0.7706	50.	1
5.10	-0.26278	1403420.	3098299.	1694879.	1.45282	1.88945	0.7689	40.	19
6.10	-0.27412	652347.	1456595.	804248.	0.67531	0.88828	0.7602	28.	28
0.60	-0.35540	84396.	204400.	120004.	0.08737	0.12465	0.7009	16.	43
0.90	-0.36601	116383.	284888.	168500.	0.12048	0.17373	0.6935	18.	42
3.00	-0.50980	2321012.	6559840.	4238828.	2.40271	4.00042	0.6006	47.	12
5.80	-0.58654	2008909.	6130567.	4121658.	2.07962	3.73863	0.5563	46.	15
8.20	-0.62685	1084888.	3446949.	2362061.	1.12307	2.10207	0.5343	42.	22
2.20	-0.63979	8248.	26547.	18299.	0.00854	0.01619	0.5274	14.	50
7.89	-1.09936	4353161.	22185216.	17832056.	4.50638	13.52932	0.3331	51.	7
4.00	-1.10479	148206.	759419.	611213.	0.15342	0.46312	0.3313	26.	40
2.90	-1.25741	139885.	1133409.	943524.	0.19657	0.69119	0.2844	31.	37
0.50	-1.26702	319875.	1927749.	1607874.	0.33113	1.17561	0.2817	38.	34
5.50	-1.44510	186759.	1344904.	1158145.	0.19333	0.82017	0.2357	33.	38
5.70	-1.54523	7622.	60669.	53047.	0.00789	0.03700	0.2133	15.	51
5.90	-1.55733	233918.	1884588.	1650670.	0.24215	1.14929	0.2107	39.	36
8.30	-1.61651	68597.	586348.	517751.	0.07101	0.35753	0.1986	24.	45
0.70	-1.66617	72352.	649932.	577580.	0.07490	0.39635	0.1890	25.	44
5.30	-1.75293	146662.	1436861.	1290199.	0.15182	0.87625	0.1733	34.	41
1.20	-1.84317	12560.	135347.	122787.	0.01300	0.08254	0.1575	17.	48
2.30	-2.72292	20533.	530782.	510244.	0.02126	0.32369	0.0657	23.	47
0.30	-2.87361	10128.	304318.	294190.	0.01048	0.18558	0.0565	20.	49
0.80	-3.51841	24048.	1376939.	1352891.	0.02489	0.83971	0.0296	36.	46

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 3.c. 1979 data: RCA-computation for SUBSYSTEM: EFTA.

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	relative EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5)	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8.50	1.86759	1016206.	137886.	-878320.	2.86854	0.44318	6.47270	5.	11.
0.10	1.20511	120116.	31612.	-88504.	0.33906	0.10160	3.33713	15.	30.
6.70	1.00855	3677238.	1177985.	-2499253.	10.38010	3.78613	2.74161	1.	2.
0.50	0.82769	232560.	108461.	-174099.	0.79761	0.34860	2.28803	13.	23.
6.30	0.80281	962265.	378672.	-583593.	2.71628	1.21708	2.23180	9.	12.
6.60	0.78567	1070689.	428622.	-642067.	3.02234	1.37762	2.19388	8.	10.
6.10	0.76526	554424.	226526.	-327898.	1.56503	0.72807	2.14955	10.	17.
8.40	0.63155	2582362.	1206043.	-1376319.	7.28949	3.87631	1.88052	2.	5.
0.60	0.62096	116239.	54865.	-61374.	0.32812	0.17634	1.86072	18.	33.
6.20	0.51081	567330.	298964.	-268366.	1.60146	0.96089	1.66664	11.	16.
2.40	0.46387	473301.	261399.	-211902.	1.33603	0.84016	1.59022	12.	18.
0.20	0.44887	166427.	93305.	-73122.	0.46979	0.29939	1.56654	17.	26.
6.40	0.37098	1923857.	1165956.	-757901.	5.43066	3.74747	1.44915	6.	7.
6.90	0.26603	2257233.	1518162.	-739071.	6.37171	4.87949	1.30582	7.	6.
6.50	0.24776	4212644.	2887866.	-1324778.	11.89145	9.28182	1.28115	3.	1.
7.67	0.20319	3285412.	2354885.	-930527.	9.27406	7.56878	1.22530	4.	3.
2.60	0.19333	287667.	208235.	-79432.	0.81203	0.66928	1.21328	16.	22.
0.40	0.19295	124663.	90274.	-34389.	0.35190	0.29015	1.21283	19.	29.
1.10	0.04912	88031.	73608.	-14423.	0.24849	0.23658	1.05035	21.	35.
8.90	-0.04984	1813148.	1673794.	-139354.	5.11815	5.37970	0.95138	14.	8.
5.20	-0.05708	206944.	192427.	-14517.	0.58416	0.61847	0.94452	20.	24.
0.80	-0.06995	27159.	25581.	-1578.	0.07666	0.08222	0.93244	23.	43.
8.30	-0.03368	53385.	50978.	-2407.	0.15070	0.16385	0.91973	22.	39.
5.80	-0.14228	819999.	830287.	10288.	2.31469	2.66860	0.86738	29.	14.
8.10	-0.16907	173612.	180563.	6951.	0.49007	0.58034	0.84445	28.	25.
1.20	-0.23235	13433.	14884.	1451.	0.03792	0.04784	0.79264	26.	45.
8.20	-0.25220	337100.	380989.	43889.	0.95157	1.22453	0.77709	32.	20.
2.70	-0.28568	120050.	140299.	20249.	0.33888	0.45093	0.75150	31.	31.
5.10	-0.28860	303390.	355602.	52212.	0.85641	1.14293	0.74931	33.	21.
7.89	-0.29855	1492930.	1767347.	274417.	4.21424	5.68039	0.74189	43.	9.
6.80	-0.32319	955121.	1158890.	203769.	2.69611	3.72476	0.72384	40.	13.
2.20	-0.32404	3158.	3835.	677.	0.00891	0.01233	0.72322	24.	49.
0.	-0.34006	4543.	5606.	1063.	0.01282	0.01802	0.71173	25.	48.
5.70	-0.59616	9908.	15795.	5887.	0.02797	0.05077	0.55092	27.	47.
7.15	-0.61967	3234111.	5278363.	2044252.	9.12924	16.96505	0.53812	51.	4.
3.00	-0.67434	156701.	270120.	113419.	0.44234	0.86819	0.50949	39.	27.
8.78	-0.68165	776945.	1349128.	572183.	2.19316	4.33620	0.50578	49.	15.
2.90	-0.74090	78467.	144570.	66103.	0.22150	0.46466	0.47669	34.	36.
5.90	-0.97422	154240.	358856.	204616.	0.43539	1.15339	0.37749	41.	28.
9.00	-1.12232	46000.	124108.	78108.	0.12985	0.39889	0.32552	36.	40.
5.40	-1.15394	406360.	1132972.	726112.	1.14846	3.64146	0.31539	50.	19.
5.30	-1.46514	118068.	448807.	330739.	0.33328	1.44250	0.23104	45.	32.
2.10	-1.51166	34472.	137276.	102804.	0.09731	0.44122	0.22054	38.	42.
0.70	-1.71008	59781.	290313.	230532.	0.16875	0.93309	0.18085	42.	38.
0.90	-1.75368	23550.	119462.	95912.	0.06648	0.38396	0.17314	37.	44.
2.50	-1.76635	71949.	369629.	297680.	0.20310	1.18802	0.17096	44.	37.
5.50	-1.93511	101939.	619969.	518030.	0.28775	1.99263	0.14441	48.	34.
2.80	-2.54493	44746.	500757.	456011.	0.12631	1.60947	0.07848	47.	41.
4.00	-3.29982	2942.	70042.	67100.	0.00830	0.22512	0.03689	35.	50.
2.30	-3.39718	731.	19183.	18452.	0.00206	0.06166	0.03347	30.	51.
0.30	-3.60105	11791.	379395.	367604.	0.03328	1.21940	0.02729	46.	46.

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 3.d. 1979 data: RCA-computation for SUBSYSTEM: COMECON.

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	relative EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5)	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0.90	4.03644	127715.	1998.	-125717.	0.4824	0.0085	56.6246	21.	27
5.30	3.44581	492212.	13900.	-478312.	1.8593	0.0593	31.3687	9.	12
6.20	3.08084	288652.	11742.	-276910.	1.0904	0.0501	21.7766	17.	20
8.50	2.87419	396663.	19840.	-376823.	1.4984	0.0846	17.7110	12.	16
5.50	2.52808	124199.	8781.	-115418.	0.4692	0.0374	12.5295	22.	28
6.40	2.51203	1207359.	86743.	-1120616.	4.5608	0.3699	12.3299	3.	4
7.15	2.41775	5151645.	406712.	-4744933.	19.4603	1.7343	11.2206	2.	2
0.40	2.02922	449354.	52320.	-397034.	1.6974	0.2231	7.6082	11.	14
6.70	2.00159	5815057.	696035.	-5119022.	21.9663	2.9681	7.4008	1.	1
7.67	1.97060	1107579.	136746.	-970833.	4.1839	0.5831	7.1749	4.	5
5.90	1.89843	376813.	50004.	-326809.	1.4234	0.2132	6.6754	15.	17
6.90	1.66926	1107063.	184749.	-922314.	4.1819	0.7878	5.3082	5.	6
0.	1.64925	118617.	20195.	-98422.	0.4481	0.0861	5.2031	23.	29
6.60	1.40124	931885.	203315.	-728570.	3.5202	0.8670	4.0602	7.	9
8.78	1.33030	255605.	59867.	-195738.	0.9655	0.2553	3.7822	19.	21
6.30	1.30070	171239.	41312.	-129927.	0.6469	0.1762	3.6718	20.	23
5.20	1.23363	481291.	124167.	-357124.	1.8181	0.5295	3.4337	14.	13
5.40	1.19013	116263.	31328.	-84935.	0.4392	0.1336	3.2875	24.	30
5.80	1.11700	1070756.	310416.	-760340.	4.0448	1.3237	3.0557	6.	7
8.10	1.10237	46153.	13577.	-32576.	0.1743	0.0579	3.0113	27.	36
6.10	0.89428	83818.	30361.	-53457.	0.3166	0.1295	2.4456	25.	31
8.90	0.77850	443451.	180345.	-263106.	1.6751	0.7690	2.1782	18.	15
6.50	0.60854	825933.	398125.	-427808.	3.1200	1.6977	1.8377	10.	10
6.80	0.52718	615829.	322009.	-293820.	2.3263	1.3731	1.6941	16.	11
5.70	0.47013	3378.	1870.	-1508.	0.0128	0.0080	1.6002	30.	46
7.89	0.32716	1982031.	1265856.	-716175.	7.4871	5.3980	1.3870	8.	3
5.10	0.31865	1052286.	677807.	-374479.	3.9750	2.8904	1.3753	13.	8
1.10	0.25590	60192.	41282.	-18910.	0.2274	0.1760	1.2916	28.	32
0.70	0.11364	47555.	37601.	-9954.	0.1796	0.1603	1.1204	29.	35
2.60	0.04332	325081.	275764.	-49317.	1.2280	1.1759	1.0443	26.	18
8.40	-0.14990	183415.	188754.	5339.	0.6928	0.8049	0.8608	31.	22
2.70	-0.46321	153580.	216203.	62623.	0.5801	0.9219	0.6293	37.	26
8.30	-0.73408	11842.	21857.	10015.	0.0447	0.0932	0.4799	32.	42
2.50	-0.80794	154268.	306561.	152293.	0.5827	1.3073	0.4458	44.	25
8.20	-1.22689	58201.	175842.	117641.	0.2199	0.7498	0.2932	42.	34
1.20	-1.67443	12222.	57769.	45547.	0.0462	0.2463	0.1874	36.	41
0.60	-1.69643	21032.	101622.	80590.	0.0794	0.4333	0.1833	38.	39
2.20	-2.02301	7959.	53309.	45350.	0.0301	0.2273	0.1323	35.	44
2.90	-2.08032	16878.	119775.	102897.	0.0638	0.5108	0.1248	40.	38
0.10	-2.20407	58447.	469175.	410728.	0.2208	2.0007	0.1104	47.	33
2.40	-2.39958	164146.	1602180.	1438034.	0.6201	6.8321	0.0908	50.	24
0.30	-2.47959	2858.	30220.	27362.	0.0108	0.1289	0.0838	34.	47
4.00	-2.94400	25040.	421267.	396227.	0.0946	1.7964	0.0527	46.	37
0.20	-3.37727	6911.	179321.	172410.	0.0261	0.7647	0.0341	45.	45
3.00	-3.79302	297864.	11712906.	11415042.	1.1252	49.9470	0.0225	51.	19
0.50	-4.11373	12260.	664382.	652122.	0.0463	2.8331	0.0163	48.	40
2.80	-4.87501	8961.	1039691.	1030730.	0.0339	4.4335	0.0076	49.	43
9.00	-5.31787	824.	148870.	148046.	0.0031	0.6348	0.0049	43.	48
2.30	-6.32309	208.	102685.	102477.	0.0008	0.4379	0.0018	39.	49
2.10	-10.05629	1.	20642.	20641.	0.0000	0.0880	0.0000	33.	51
0.80	-10.14568	5.	112860.	112855.	0.0000	0.4813	0.0000	41.	50

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 3.e. 1979 data: RCA-computation for SUBSYSTEM: Federal Republic of Germany.

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	relative EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5)	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0.10	3.59988	102796.	5215.	-97581.	0.16767	0.00458	36.5937	9.	37.
0.	2.74340	307815.	36773.	-271042.	0.50207	0.03231	15.5398	6.	29.
2.40	1.74768	1852667.	599067.	-1253600.	3.02184	0.52634	5.7413	3.	12.
8.50	1.48147	1614871.	681439.	-933432.	2.63398	0.59871	4.3994	4.	13.
6.40	1.36844	3140175.	1483651.	-1656524.	5.12186	1.30353	3.9292	1.	7.
1.10	1.21298	483882.	267075.	-216807.	0.78925	0.23465	3.3635	7.	25.
2.10	1.10015	199473.	123248.	-76225.	0.32536	0.10829	3.0046	11.	32.
2.60	1.02547	546678.	363965.	-182713.	0.89167	0.31978	2.7884	8.	22.
6.30	1.02185	1146602.	766153.	-380449.	1.87019	0.67314	2.7783	5.	17.
6.70	0.96000	5533105.	3933065.	-1600040.	9.02491	3.45557	2.6117	2.	3.
2.50	0.90588	144902.	108728.	-36174.	0.23635	0.09553	2.4741	12.	34.
2.70	0.84368	438165.	349879.	-88286.	0.71468	0.30740	2.3249	10.	26.
9.00	0.67763	94396.	88991.	-5405.	0.15397	0.07819	1.9692	13.	38.
0.50	0.63632	235208.	231094.	-4114.	0.38364	0.20304	1.8895	14.	31.
6.20	0.47905	999941.	1149767.	149826.	1.63098	1.01018	1.6145	21.	18.
0.40	0.37649	295849.	376917.	81068.	0.48255	0.33116	1.4572	17.	30.
0.10	0.36316	486373.	627967.	141594.	0.79331	0.55173	1.4379	20.	24.
6.60	0.33562	1890878.	2509506.	618628.	3.08416	2.20484	1.3988	32.	11.
8.40	0.25073	2797827.	4042184.	1244357.	4.56346	3.55145	1.2850	39.	9.
6.50	0.13874	3613412.	5839155.	2225743.	5.89374	5.13026	1.1488	45.	5.
7.67	0.09341	6619546.	11193015.	4573469.	10.79697	9.83414	1.0979	49.	2.
8.10	0.07986	419686.	719324.	299638.	0.68454	0.63200	1.0831	29.	27.
2.80	0.05164	384573.	678008.	293435.	0.62727	0.59569	1.0530	28.	28.
6.90	-0.04482	2975808.	5777697.	2801889.	4.85377	5.07626	0.9562	46.	8.
3.00	-0.05855	2071744.	4078015.	2006271.	3.37917	3.58293	0.9431	44.	10.
2.20	-0.06624	7314.	14508.	7194.	0.01193	0.01275	0.9359	15.	50.
6.80	-0.08099	1444898.	2908688.	1463790.	2.35674	2.55556	0.9222	40.	15.
8.78	-0.13214	1539326.	3261392.	1722066.	2.51076	2.86545	0.8762	43.	14.
5.40	-0.16874	899159.	1976080.	1076921.	1.46660	1.73618	0.8447	36.	20.
5.20	-0.18346	502894.	1121595.	618701.	0.82026	0.98543	0.8324	33.	23.
8.90	-0.21108	3207167.	7353179.	4146012.	5.23113	6.46047	0.8097	48.	6.
2.90	-0.24971	140000.	333626.	193626.	0.22835	0.29312	0.7790	22.	35.
7.15	-0.25598	7906605.	18960320.	11053715.	12.89026	16.65846	0.7742	50.	1.
8.20	-0.40929	933717.	2610081.	1676364.	1.52296	2.29321	0.6641	42.	19.
5.10	-0.54440	714799.	2287165.	1572366.	1.16589	2.00949	0.5802	41.	21.
5.80	-0.67149	1186780.	4312021.	3125241.	1.93573	3.78852	0.5109	47.	16.
7.89	-0.80219	3711450.	15367933.	11656483.	6.05365	13.50220	0.4483	51.	4.
8.30	-0.91216	54997.	254196.	199199.	0.08970	0.22334	0.4017	23.	42.
4.00	-1.04812	121388.	645411.	523523.	0.19881	0.56706	0.3506	31.	36.
0.20	-1.17139	47864.	286697.	238833.	0.07807	0.25189	0.3099	26.	43.
0.60	-1.22126	24321.	153128.	128807.	0.03967	0.13454	0.2949	19.	44.
0.70	-1.29776	55864.	379686.	323822.	0.09112	0.33359	0.2731	30.	41.
5.90	-1.48551	168433.	1381220.	1212787.	0.27473	1.21353	0.2264	38.	33.
5.70	-1.59345	3398.	31041.	27643.	0.00554	0.02727	0.2032	16.	51.
0.90	-1.69518	23706.	239745.	216039.	0.03867	0.21064	0.1836	24.	45.
1.20	-1.73472	9632.	101856.	92184.	0.01579	0.08950	0.1764	18.	48.
5.30	-1.87799	93836.	1139339.	1045503.	0.15305	1.00102	0.1529	35.	39.
5.50	-1.92757	76102.	970984.	894882.	0.12413	0.85310	0.1455	34.	40.
2.30	-2.10163	15778.	239533.	223810.	0.02574	0.21050	0.1223	25.	46.
0.30	-2.72442	9328.	264043.	254715.	0.01521	0.23199	0.0656	27.	49.
0.80	-3.85723	13594.	1194553.	1180959.	0.02217	1.04953	0.0211	37.	47.

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 3.f. 1979 data: RCA-computation for SUBSYSTEM: "CM-FRG".

SITC	RCA (2)=ln(8)	EXPORTS in 1000 AS	IMPORTS in 1000 AS	NET POSITION* (5)=(4)-(3)	EXPORT SHARE in total exports in %	IMPORT SHARE in total imports in %	relative EXPORT-IMPORT-RATIO (8)=(6)/(7)	RANKS for (5)	RANKS for (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
0.	4.80817	751060.	8714.	-742346.	2.12821	0.01737	122.5074	4.	12.
2.40	4.19641	6435852.	137668.	-6298184.	18.23671	0.27445	66.4474	1.	1.
2.50	2.99879	705914.	50015.	-655899.	2.00029	0.09971	20.0612	5.	14.
6.40	1.83048	1168765.	266353.	-902407.	3.31183	0.53101	6.2369	3.	9.
0.10	1.54980	629612.	189981.	-439631.	1.78403	0.37874	4.7105	6.	17.
0.20	1.29225	520006.	203001.	-317005.	1.47350	0.40470	3.6410	8.	21.
6.30	1.14416	610461.	276351.	-334110.	1.72931	0.55093	3.1398	7.	18.
6.70	1.11649	3565659.	1659439.	-1906220.	10.10370	3.30824	3.0541	2.	3.
0.90	1.07096	92682.	45143.	-47539.	0.26262	0.09000	2.9182	12.	35.
2.60	1.05162	596109.	296018.	-300091.	1.63914	0.59014	2.8623	9.	20.
2.10	0.55865	43191.	39179.	-4012.	0.13655	0.07811	1.7483	13.	42.
0.60	0.51007	60075.	51272.	-8803.	0.17023	0.10222	1.6654	14.	38.
6.80	0.42643	835623.	775388.	-60235.	2.36783	1.54580	1.5318	11.	10.
7.67	0.40739	3614781.	3418707.	-196074.	10.24289	6.81549	1.5029	10.	2.
6.60	0.21144	1611663.	1854179.	242516.	4.56683	3.69647	1.2355	28.	5.
5.10	0.18787	688621.	811134.	122513.	1.95129	1.61707	1.2067	23.	15.
9.00	0.18744	56389.	66450.	10061.	0.15978	0.13247	1.2062	15.	39.
8.10	0.11427	193747.	245648.	51901.	0.54900	0.48972	1.1211	20.	28.
2.70	0.09797	193619.	249519.	55900.	0.54864	0.49744	1.1029	21.	29.
6.20	0.06842	495686.	657954.	162268.	1.40458	1.31169	1.0708	24.	22.
6.90	0.01400	1262898.	1770078.	507180.	3.57856	3.52880	1.0141	39.	8.
8.90	-0.02926	1277505.	1869716.	592211.	3.61995	3.72744	0.9712	40.	7.
8.78	-0.13375	603913.	981225.	377312.	1.71126	1.95616	0.8748	35.	19.
7.15	-0.15905	2876502.	4793398.	1916896.	8.15089	9.55606	0.8530	48.	4.
5.40	-0.18734	385200.	660316.	275116.	1.09151	1.31640	0.8292	32.	24.
2.80	-0.25448	477101.	874647.	397546.	1.35192	1.74369	0.7753	36.	23.
5.20	-0.41112	377387.	809166.	431779.	1.06937	1.61314	0.6629	37.	25.
6.50	-0.42786	1469379.	3203725.	1734346.	4.16365	6.38691	0.6519	46.	6.
5.80	-0.44228	822129.	1818546.	996417.	2.32960	3.62543	0.6426	44.	11.
0.40	-0.56310	132832.	331558.	198726.	0.37639	0.66099	0.5694	27.	32.
1.10	-0.69904	94664.	270694.	176030.	0.26824	0.53965	0.4971	26.	34.
5.50	-0.86599	110657.	373920.	263263.	0.31356	0.74544	0.4206	31.	33.
4.00	-1.11440	26318.	114008.	87690.	0.07458	0.22728	0.3281	22.	43.
8.40	-1.25178	708044.	3518913.	2810869.	2.00632	7.01526	0.2860	50.	13.
6.10	-1.25632	165974.	828628.	662654.	0.47031	1.65194	0.2847	41.	30.
8.20	-1.35964	151171.	836868.	685697.	0.42836	1.66837	0.2568	42.	31.
5.30	-1.37687	52326.	297522.	244696.	0.14969	0.59314	0.2524	29.	40.
5.70	-1.59632	4224.	29623.	25404.	0.01197	0.05907	0.2026	17.	48.
8.50	-1.63489	276471.	2015474.	1739003.	0.78341	4.01802	0.1950	47.	26.
5.90	-1.68788	65485.	503368.	437883.	0.18556	1.00351	0.1849	38.	37.
3.00	-1.94660	249268.	2481825.	2232557.	0.70633	4.94773	0.1428	49.	27.
7.69	-2.01146	641711.	6817283.	6175572.	1.81836	13.59085	0.1338	51.	16.
1.20	-2.10227	2878.	33481.	30603.	0.00816	0.06675	0.1222	18.	49.
2.20	-2.20481	934.	12039.	11105.	0.00265	0.02400	0.1103	16.	50.
2.90	-2.42300	49885.	799783.	749898.	0.14135	1.59444	0.0887	43.	41.
0.70	-2.44508	16488.	270246.	253758.	0.04672	0.53876	0.0867	30.	44.
0.80	-2.50752	10454.	182386.	171932.	0.02962	0.36360	0.0815	25.	46.
0.50	-2.64607	84667.	1696655.	1611988.	0.23991	3.38243	0.0709	45.	36.
8.30	-2.84391	13600.	332152.	318552.	0.03854	0.66217	0.0582	34.	45.
0.30	-3.56726	800.	40275.	39475.	0.00227	0.08029	0.0282	19.	51.
2.30	-3.76213	4760.	291194.	286434.	0.01349	0.58052	0.0232	33.	47.

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 3.g. 1979 data: RCA-computation for SUBSYSTEM: Rest of the World.

SITC (1)	RCA (2)=ln(8) (2)	EXPORTS in 1000 AS (3)	IMPORTS in 1000 AS (4)	NET POSITION* (5)=(4)-(3) (5)	EXPORT SHARE in total exports in % (6)	IMPORT SHARE in total imports in % (7)	EXPORT-IMPORT-RATIO (8)=(6)/(7) (8)	RANKS for (5) relative (9)	RANKS for (6) (10)
0.	4.97910	336115.	2541.	-333574.	0.7315	0.0050	145.3442	14.	23.
0.20	3.33922	996710.	38840.	-957870.	2.1692	0.0769	28.1971	9.	13.
5.70	2.55332	132322.	11315.	-121007.	0.2880	0.0224	12.8497	20.	32.
8.10	2.25114	391701.	45312.	-346389.	0.8525	0.0897	9.4985	13.	21.
5.30	2.03863	270043.	38635.	-231408.	0.5877	0.0765	7.6801	18.	27.
6.60	2.02644	1867040.	270395.	-1596645.	4.0633	0.5356	7.5870	5.	9.
6.90	1.88818	3012369.	500952.	-2511417.	6.5559	0.9922	6.6073	3.	4.
6.70	1.88701	4168442.	694015.	-3474427.	9.0719	1.3746	6.5996	2.	3.
6.40	1.71251	2411164.	477979.	-1933185.	5.2475	0.9467	5.5428	4.	7.
7.15	1.60151	9722442.	2153595.	-7568847.	21.1592	4.2655	4.9605	1.	1.
1.10	1.51125	329714.	79690.	-249024.	0.7154	0.1578	4.5324	17.	24.
6.20	1.41080	675173.	180979.	-494194.	1.4694	0.3585	4.0992	12.	15.
5.80	1.32936	1394503.	405510.	-988993.	3.0349	0.8032	3.7786	8.	11.
2.40	1.25077	1879447.	591209.	-1288238.	4.0903	1.1710	3.4930	6.	8.
8.50	1.05571	514758.	196802.	-317956.	1.1203	0.3898	2.8740	15.	19.
5.10	0.33471	577968.	275619.	-302349.	1.2578	0.5459	2.3041	16.	18.
0.90	0.65988	42919.	24377.	-18542.	0.0934	0.0483	1.9346	24.	38.
6.50	0.60913	2595063.	1550677.	-1044386.	5.6477	3.0714	1.8388	7.	5.
5.90	0.56231	303782.	190226.	-113556.	0.6611	0.3768	1.7547	21.	26.
8.90	0.43901	1764606.	1249973.	-514633.	3.8404	2.4758	1.5512	11.	10.
8.20	0.43197	127068.	90646.	-36422.	0.2765	0.1795	1.5403	23.	33.
5.50	0.37609	69917.	52743.	-17174.	0.1522	0.1045	1.4566	25.	35.
5.40	0.27146	641158.	537014.	-104144.	1.3954	1.0636	1.3119	22.	17.
7.67	0.22953	4337515.	3788531.	-548984.	9.4398	7.5038	1.2580	10.	2.
7.89	0.15219	2527426.	2385049.	-142377.	5.5005	4.7240	1.1644	19.	6.
6.30	0.13218	230909.	222305.	-8604.	0.5025	0.4403	1.1413	26.	29.
2.60	-0.01458	676170.	753877.	77707.	1.4716	1.4932	0.9855	32.	14.
0.60	-0.05445	41841.	48547.	6706.	0.0911	0.0962	0.9470	27.	40.
2.50	-0.05604	339989.	395111.	55122.	0.7399	0.7826	0.9455	29.	22.
6.80	-0.10781	671037.	821265.	150228.	1.4604	1.6266	0.8978	34.	16.
0.40	-0.34378	69815.	108184.	38369.	0.1519	0.2143	0.7091	28.	36.
5.20	-0.36024	316615.	498767.	182152.	0.6891	0.9879	0.6975	37.	25.
8.78	-0.37429	1166001.	1862797.	696796.	2.5376	3.6896	0.6878	45.	12.
6.10	-0.56726	211494.	409800.	198306.	0.4603	0.8117	0.5671	39.	30.
8.40	-1.33054	401071.	1667172.	1266101.	0.8729	3.3021	0.2643	47.	20.
9.00	-1.69665	11829.	70910.	59081.	0.0257	0.1404	0.1833	31.	45.
0.10	-1.71014	41980.	255072.	213092.	0.0914	0.5052	0.1808	40.	39.
1.20	-2.24928	40321.	420043.	379722.	0.0878	0.8320	0.1055	41.	41.
2.30	-2.25477	46527.	487364.	440837.	0.1013	0.9653	0.1049	43.	37.
2.70	-2.45282	78603.	1003690.	925087.	0.1711	1.9880	0.0861	46.	34.
8.30	-2.52804	9398.	129379.	119981.	0.0205	0.2563	0.0798	33.	46.
0.50	-2.72366	169803.	2842710.	2672907.	0.3695	5.6304	0.0656	48.	31.
2.90	-2.85739	21503.	411493.	389990.	0.0468	0.8150	0.0574	42.	44.
4.00	-3.34436	5129.	159809.	154680.	0.0112	0.3165	0.0353	35.	47.
2.10	-3.96723	3318.	192635.	189317.	0.0072	0.3815	0.0189	33.	49.
2.20	-3.99607	945.	56470.	55525.	0.0021	0.1118	0.0184	30.	50.
3.00	-4.02914	239954.	14821000.	14581046.	0.5222	29.3553	0.0178	51.	28.
0.70	-4.18387	38579.	2781613.	2743034.	0.0840	5.5094	0.0152	49.	42.
0.80	-4.58295	4342.	466612.	462270.	0.0094	0.9242	0.0102	44.	48.
2.80	-4.93699	23456.	3591486.	3568030.	0.0510	7.1135	0.0072	50.	43.
0.30	-8.14293	47.	177599.	177552.	0.0001	0.3518	0.0003	36.	51.

*) negative prefix indicates net EXPORT position in a particular SITC-commodity

Appendix 4.a. 1969-1979 absolute growth of relative export-import-ratio for TOTAL SYSTEM OF AUSTRIAN FOREIGN TRADE.

RANKS of (7)	SITC	EXPORT SHARE in total exports 1969 in %	relative EXPORT IMPORT-RATIO 1969	EXPORT SHARE in total exports 1979 in %	relative EXPORT-IMPORT-RATIO 1979	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 (7)=(6)/(4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	2.30	0.00334	0.0060	0.03326	0.0785	13.08333
2.	0.40	0.10844	0.1159	0.52459	1.4713	12.69456
3.	1.10	0.12452	0.3702	0.51626	1.8965	5.08173
4.	4.00	0.03962	0.0525	0.00069	0.1692	3.22286
5.	2.60	1.32308	0.6007	1.13940	1.6360	2.80673
6.	0.10	0.37096	0.3017	0.49611	1.3185	2.62806
7.	5.40	0.43533	0.3104	1.19769	0.7428	2.39150
8.	1.20	0.03776	0.0707	0.03841	0.1646	2.26410
9.	2.10	0.10371	0.3933	0.13962	0.7328	1.85932
10.	5.20	0.01202	0.4964	0.02206	0.9033	1.81970
11.	8.70	0.00567	0.4454	2.12367	0.7603	1.70700
12.	0.60	0.07996	0.4978	0.12089	0.8469	1.70129
13.	5.10	2.28097	0.5983	1.63224	0.9963	1.66522
14.	5.80	1.49995	0.5078	2.53950	0.9075	1.59827
15.	6.20	0.30192	0.3274	0.78615	0.5166	1.57789
16.	5.50	0.12906	0.1996	0.23616	0.3135	1.57064
17.	6.30	0.78390	1.6997	1.52679	2.4380	1.43522
18.	6.20	0.96656	2.0086	0.85005	2.8545	1.36671
19.	7.15	11.93108	8.8456	14.13141	12.2034	1.34368
20.	6.10	0.60219	0.6948	0.73470	0.9309	1.33981
21.	0.50	0.43292	0.1411	0.33372	0.1862	1.31963
22.	0.90	0.07018	0.7249	0.15191	0.9488	1.30887
23.	2.60	0.36396	0.1430	0.45921	0.1849	1.29231
24.	7.67	7.11709	0.9347	9.27614	1.1945	1.27795
25.	7.89	3.38182	0.3961	5.06514	0.4937	1.24640
26.	6.49	3.52095	1.1949	5.19223	1.4324	1.19876
27.	6.50	8.24475	1.0124	6.21990	1.2056	1.19093
28.	5.70	0.15926	2.0070	0.07495	2.2402	1.12068
29.	6.10	0.47015	1.2015	0.59913	1.3383	1.11386
30.	6.60	3.04952	0.9400	2.91206	0.9941	1.05531
31.	6.70	12.63190	3.5949	11.13221	3.6700	1.02089
32.	6.20	1.56006	1.7202	1.48047	1.7322	1.00696
33.	5.90	0.54070	0.5677	0.52275	0.5662	0.99736
34.	0.	1.03592	27.7039	0.74956	27.0588	0.97390
35.	5.30	0.53019	0.7549	0.50232	0.6972	0.96192
36.	0.00	0.02034	0.0394	0.01014	0.0366	0.92893
37.	2.70	0.00045	0.7179	0.43131	0.6608	0.92059
38.	2.50	0.86309	1.7286	0.99319	1.5159	0.87797
39.	6.40	5.34714	4.3096	4.01351	3.7243	0.86419
40.	2.90	0.23727	0.8511	0.15003	0.2231	0.85446
41.	6.60	4.27923	3.2904	3.60589	1.3422	0.80431
42.	6.50	1.31607	2.3522	1.86795	1.6469	0.73124
43.	2.40	0.03017	0.3505	0.00993	0.1907	0.54408
44.	2.45	6.33861	9.2100	5.28519	4.4552	0.54266
45.	6.40	3.62359	1.9546	3.26378	0.9265	0.53171
46.	6.90	7.27492	1.9085	4.15042	0.9090	0.47577
47.	6.00	6.05611	3.0796	0.02717	0.0369	0.46241
48.	6.00	0.11192	0.5956	0.07005	0.2590	0.42241
49.	6.70	0.23080	0.1829	0.10676	0.0764	0.41771
50.	5.00	2.49231	0.3454	1.47497	0.1169	0.34424
51.	9.00	0.14134	11.9339	0.13244	0.5519	0.04626

Appendix 4.b. 1969-1979 absolute growth of relative export-import-ratio for SUBSYSTEM: COMMON MARKET.

RANKS of (7)	SITC	EXPORT SHARE in total exports 1969 in %	relative EXPORT IMPORT-RATIO 1969	EXPORT SHARE in total exports 1979 in %	relative EXPORT-IMPORT-RATIO 1979	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 (7)=(6)/(4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	0.40	0.00511	0.1447	0.44377	1.0271	7.09813
2.	2.00	0.00475	0.0097	0.03126	0.0657	6.77320
3.	2.60	0.59722	0.4511	1.10301	2.9393	6.51585
4.	5.40	0.20669	0.1423	1.32957	0.9270	5.61167
5.	0.60	0.01595	0.1362	0.08777	0.7009	5.14611
6.	5.10	0.85473	0.1939	1.45282	0.7689	3.96576
7.	1.10	0.16760	0.4955	0.59841	1.8262	3.68706
8.	3.20	0.16370	0.1495	1.12307	0.5343	3.59798
9.	5.50	0.04549	0.0761	0.19333	0.2357	3.09724
10.	5.80	0.69265	0.1940	2.07962	0.5563	2.86753
11.	8.78	0.85623	0.3962	2.21960	0.8575	2.30046
12.	0.90	0.02413	0.2736	0.12048	0.6935	2.48923
13.	6.30	0.40662	1.1095	1.81391	2.8610	2.40521
14.	6.50	0.33646	0.5263	1.05791	1.1905	2.26202
15.	5.30	0.07637	0.0834	0.15182	0.1733	2.06555
16.	7.67	5.79615	0.5919	10.59455	1.1890	2.00379
17.	2.10	0.39645	1.4309	0.25638	2.5893	1.73607
18.	8.30	0.03064	0.1233	0.07101	0.1936	1.61071
19.	1.20	0.03135	0.0961	0.01300	0.1575	1.60550
20.	7.15	0.24645	0.4094	11.16265	0.7706	1.57453
21.	6.50	4.09002	0.6133	5.86169	0.9541	1.55568
22.	7.69	2.45821	0.2157	4.50638	0.3331	1.54427
23.	4.00	0.08670	0.2836	0.15342	0.3313	1.48166
24.	6.90	2.77672	0.7378	4.33790	0.9533	1.29208
25.	6.10	0.51707	0.5931	0.67551	0.7602	1.28174
26.	2.60	0.73675	0.7700	0.99200	0.9421	1.22351
27.	0.10	0.62524	5.4223	0.75814	6.3693	1.17465
28.	6.20	1.20711	1.3154	1.54227	1.4044	1.06766
29.	9.00	0.02167	1.5939	0.15609	1.6467	1.02990
30.	2.50	1.53095	8.9011	0.33076	9.0931	1.02213
31.	0.70	0.05118	0.1894	0.07490	0.1840	0.97139
32.	8.10	0.46828	1.1203	0.63502	1.0791	0.96279
33.	0.30	0.02550	0.0613	0.01048	0.0565	0.91424
34.	6.80	3.31710	1.2411	2.36079	1.0508	0.84667
35.	0.50	0.70474	0.3563	0.33113	0.2317	0.74063
36.	6.40	5.43147	5.2884	4.46060	4.1797	0.79035
37.	6.70	14.02890	8.8355	9.41902	2.7613	0.72006
38.	2.90	0.54635	0.4020	0.19657	0.2844	0.70746
39.	6.60	5.21940	8.0474	3.62502	1.3625	0.66548
40.	5.20	0.01640	1.1747	0.91126	0.7739	0.65891
41.	2.70	1.47715	3.0518	0.65402	1.7992	0.58628
42.	3.00	4.67261	1.0514	2.40271	0.6004	0.57124
43.	5.90	0.40736	0.3702	0.24215	0.2107	0.56915
44.	6.70	7.49911	1.5324	4.64252	0.8254	0.53863
45.	0.20	1.20900	3.6900	0.55784	1.9685	0.53347
46.	6.40	2.96592	1.5596	3.62907	0.7871	0.50147
47.	0.00	0.02778	0.0713	0.02404	0.0296	0.41515
48.	6.40	15.85830	52.5276	6.33026	19.0975	0.36357
49.	0.	4.23905	129.4109	1.09514	39.5156	0.30518
50.	3.70	0.37229	0.7991	0.00739	0.2133	0.27065
51.	8.20	0.05409	3.4205	0.03254	0.5274	0.21739

Appendix 4.c. 1969-1979 absolute growth of relative export-import-ratio for for SUBSYSTEM: EFTA.

RANKS of (7)	SITC	EXPORT SHARE in total exports 1969 in %	relative EXPORT IMPORT-RATIO 1969	EXPORT SHARE in total exports 1979 in %	relative EXPORT-IMPORT-RATIO 1979	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 (7)=(6)/(4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	1.20	0.00156	0.0217	0.03792	0.79264	36.5272
2.	0.40	0.05042	0.1077	0.38140	1.21203	11.2612
3.	0.10	0.43500	0.6806	0.35906	3.33713	4.9032
4.	0.60	0.09567	0.5391	0.32812	1.86072	3.4515
5.	3.00	0.21269	0.1434	0.44834	0.60949	3.4332
6.	1.10	0.10236	0.3154	0.24047	1.05035	3.3302
7.	0.10	1.06952	0.7273	1.56503	2.14955	2.9555
8.	2.10	0.65730	0.0857	0.09731	0.22054	2.5734
9.	5.30	0.12630	0.0926	0.33329	0.23104	2.4950
10.	5.90	0.18971	0.1559	0.43539	0.37749	2.4214
11.	5.50	0.09143	0.0633	0.28775	0.14441	2.2814
12.	4.00	0.00411	0.0163	0.00330	0.03689	2.2632
13.	0.60	0.16478	0.4651	0.97666	0.97244	2.0048
14.	5.80	1.12694	0.4456	2.31469	0.86738	1.9465
15.	5.40	0.43852	0.1665	1.14848	0.31539	1.8942
16.	2.60	0.93776	0.6459	0.81203	1.21328	1.8784
17.	0.50	0.35914	1.2499	0.79761	2.28603	1.8320
18.	0.	0.00739	0.3932	0.01292	0.71173	1.8101
19.	8.78	0.05562	0.3007	2.19316	0.50578	1.6820
20.	0.30	1.56710	1.4404	2.71628	2.23130	1.5494
21.	6.90	3.21420	0.8939	6.37171	1.30582	1.4608
22.	0.80	0.01705	0.0196	0.03328	0.02729	1.3923
23.	2.30	0.00042	0.0245	0.00206	0.03347	1.3661
24.	7.39	4.32206	0.5566	4.21424	0.74189	1.3329
25.	8.50	3.25418	4.9099	2.86354	6.47270	1.3183
26.	8.40	7.05740	1.4612	7.28949	1.89052	1.2870
27.	0.20	0.00307	0.6072	0.95157	0.77709	1.2798
28.	0.50	16.62274	1.0991	11.39145	1.28115	1.1667
29.	7.15	7.29020	0.5009	9.12924	0.53812	1.0743
30.	6.20	2.52441	1.5523	1.60146	1.66664	1.0733
31.	7.07	9.77764	1.1662	9.27406	1.22530	1.0507
32.	6.70	9.73849	2.8091	10.33010	2.74161	0.9760
33.	8.10	5.63267	0.9012	7.49007	0.84445	0.9370
34.	2.20	0.01480	0.8445	0.00891	0.78322	0.9274
35.	0.40	4.29156	1.8059	5.47066	1.44915	0.8025
36.	0.60	3.09007	2.7742	3.02234	2.19389	0.7908
37.	5.10	1.61412	0.9539	0.85641	0.74931	0.7854
38.	8.30	0.25057	1.1064	0.15070	0.91473	0.7752
39.	2.90	0.27368	0.9689	0.22150	0.47669	0.7126
40.	0.90	0.03693	0.2520	0.00648	0.17314	0.6871
41.	6.80	5.85111	1.0552	2.69611	0.73394	0.5767
42.	2.70	0.45076	1.3219	0.33388	0.75150	0.5685
43.	2.50	0.27079	0.3392	0.20310	0.17096	0.5193
44.	8.20	0.94372	3.2615	0.46979	1.54654	0.4803
45.	8.90	8.88583	2.4910	5.11315	0.95138	0.3819
46.	2.80	0.00361	0.2476	0.10831	0.07848	0.3170
47.	5.70	0.17622	1.8245	0.02797	0.55092	0.3011
48.	0.70	0.09149	0.9047	0.16975	0.18085	0.1999
49.	2.40	1.48213	13.9904	1.33603	1.59022	0.1137
50.	0.20	0.01799	12.3343	0.59416	0.44452	0.0766
51.	4.60	0.06748	22.7211	0.12985	0.32552	0.0143

Appendix 4.d. 1969-1979 absolute growth of relative export-import-ratio for for SUBSYSTEM: COMECON.

RANKS of (7) (1)	SITC (2)	EXPORT SHARE in total exports 1969 in % (3)	relative EXPORT IMPORT-RATIO 1969 (4)	EXPORT SHARE in total exports 1979 in % (5)	relative EXPORT-IMPORT-RATIO 1979 (6)	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 (7)=(6)/(4) (7)
1.0	5.20	0.0013	0.0004	1.8181	3.4337	399.267
2.0	0.40	0.3289	0.1165	1.6974	7.6082	65.306
3.0	0.60	0.0015	0.0032	0.0794	0.1833	57.281
4.0	4.00	0.0047	0.0013	0.0946	0.0527	40.538
5.0	0.10	0.0236	0.0094	0.2208	0.1104	20.444
6.0	0.90	0.0659	0.2142	0.4024	56.6246	9.112
7.0	0.50	0.0139	0.0032	0.0463	0.0163	5.094
8.0	1.10	0.0572	0.3450	0.2274	1.2916	3.744
9.0	0.	0.5297	1.4991	0.4461	5.2031	3.471
10.0	2.70	0.0026	0.1973	0.5801	0.6293	3.190
11.0	2.50	0.1024	0.1494	0.5827	0.4458	2.994
12.0	2.90	0.0532	0.0523	0.0638	0.1248	2.386
13.0	8.50	0.8764	7.9334	1.4984	17.7110	2.232
14.0	5.50	0.2414	5.8614	0.4692	12.5295	2.138
15.0	6.70	19.6349	3.5701	21.9663	7.4003	2.073
16.0	6.60	1.7269	0.9325	2.3263	1.6941	1.817
17.0	7.39	2.3094	0.7840	7.4871	1.3370	1.769
18.0	7.15	17.1105	6.5724	19.4603	11.2206	1.707
19.0	6.40	6.4679	7.5354	4.5608	12.3299	1.625
20.0	6.60	3.5021	3.0367	3.5202	4.0602	1.337
21.0	6.20	0.8039	16.5303	1.0904	21.7766	1.317
22.0	6.10	0.4667	1.9292	0.3166	2.4456	1.268
23.0	6.70	0.7160	3.0958	0.9655	3.7822	1.222
24.0	5.40	0.3443	2.7364	0.4392	3.2875	1.201
25.0	5.10	7.5236	1.2605	3.9750	1.3753	1.091
26.0	0.70	0.3766	1.1561	0.1796	1.1204	0.969
27.0	5.30	2.7074	33.5782	1.8593	31.3687	0.934
28.0	1.20	0.1523	0.2017	0.0462	0.1874	0.929
29.0	7.67	7.3529	8.5624	4.1839	7.1749	0.838
30.0	2.40	0.4731	0.1193	0.6201	0.0903	0.756
31.0	5.70	0.0477	2.2011	0.0120	1.6002	0.727
32.0	2.20	0.0682	0.1346	0.0301	0.1323	0.698
33.0	6.40	0.3704	1.2011	0.6928	0.8608	0.672
34.0	6.10	0.1703	4.7531	0.1743	3.0113	0.633
35.0	6.90	2.9109	3.6413	1.6751	2.1702	0.596
36.0	6.80	4.5444	3.1303	3.1200	1.8377	0.585
37.0	2.00	0.0503	0.0149	0.0359	0.0076	0.510
38.0	6.90	3.8624	11.2302	4.1019	5.3052	0.473
39.0	5.90	1.5836	14.3460	1.4234	6.6754	0.465
40.0	6.30	0.9715	1.1504	0.0447	0.4799	0.417
41.0	0.20	0.1452	0.0837	0.0261	0.0341	0.407
42.0	6.30	1.0035	9.0662	0.6469	3.6713	0.405
43.0	2.30	0.0013	0.0052	0.0008	0.0019	0.346
44.0	6.00	2.7524	3.0681	1.1252	0.9225	0.330
45.0	2.60	2.8009	3.2384	1.2290	1.0443	0.322
46.0	6.20	0.2602	1.0740	0.2199	0.2932	0.273
47.0	0.30	0.0418	0.3259	0.0108	0.0838	0.257
48.0	9.00	4.8280	15.2016	4.0440	3.0557	0.201
49.0	9.00	0.0023	0.3498	0.0031	0.0049	0.014
50.0	8.10	0.0044	0.0578	0.	0.	0.
50.0	9.00	0.1169	0.3941	0.	0.	0.

Appendix 4.e. 1969-1979 absolute growth of relative export-import-ratio for for SUBSYSTEM: Federal Republic of Germany.

RANKS of (7)	SITC	EXPORT SHARE in total exports 1969 in %	relative EXPORT IMPORT-RATIO 1969	EXPORT SHARE in total exports 1979 in %	relative EXPORT-IMPORT-RATIO 1979	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 (7)=(6)/(4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	0.40	0.0571	0.2056	0.49355	1.4572	7.08824
2.	5.40	0.2017	0.1219	1.46660	0.6447	5.92716
3.	2.30	0.0080	0.0213	0.02574	0.1223	5.74719
4.	0.20	0.2086	0.1688	1.52296	0.6641	4.12869
5.	2.50	0.7594	0.6876	0.99167	2.7884	4.05550
6.	0.10	0.3112	0.5201	0.15767	36.5937	3.84062
7.	8.76	0.5956	0.2444	2.51076	0.9762	3.53496
8.	5.10	0.0321	0.2050	1.16589	0.5802	2.83038
9.	1.10	0.1904	1.2104	0.78925	3.3635	2.77883
10.	0.50	0.4624	1.5277	2.63398	4.3994	2.70292
11.	0.60	0.0138	0.1235	0.03467	0.2749	2.38689
12.	5.30	0.0274	0.2165	1.93573	0.5109	2.35927
13.	7.39	2.3336	0.1996	6.05365	0.4483	2.24633
14.	5.50	0.0466	0.0728	0.12413	0.1455	1.99973
15.	8.30	0.0435	0.2035	0.09970	0.4017	1.92680
16.	4.00	0.0667	0.1357	0.19081	0.3506	1.88769
17.	7.67	6.0151	0.6173	10.79697	1.0979	1.77870
18.	8.30	0.5269	1.6062	1.97019	2.7783	1.72979
19.	5.30	0.1013	0.0904	0.15305	0.1529	1.69118
20.	7.15	8.9710	0.4734	12.99626	0.7742	1.63544
21.	8.10	0.7305	0.9493	0.79331	1.4379	1.51476
22.	1.20	0.0514	0.1220	0.01579	0.1764	1.44602
23.	6.90	3.3293	0.7393	4.85377	0.9562	1.29340
24.	8.50	8.7100	0.0925	5.89374	1.1488	1.28711
25.	0.30	0.0287	0.0513	0.01521	0.0656	1.26592
26.	2.10	0.8834	2.6644	0.32536	3.0046	1.12769
27.	2.50	0.5453	2.4401	0.23635	2.4741	1.01392
28.	8.20	1.7153	1.8857	1.83098	1.8145	0.96926
29.	3.10	0.5862	1.1701	0.68454	1.0931	0.92562
30.	2.20	0.0166	1.1200	0.01193	0.9359	0.83562
31.	0.70	0.0540	0.3303	0.09112	0.2731	0.82690
32.	0.	0.4323	12.3725	0.50207	15.5398	0.80216
33.	9.00	0.0335	2.4745	0.15397	1.9692	0.79580
34.	8.90	5.8807	1.0299	5.23113	0.8097	0.78628
35.	8.90	0.3709	0.2974	0.27473	0.2264	0.76170
36.	2.40	0.4715	1.0409	0.22035	0.7790	0.74838
37.	0.90	0.0267	0.2700	0.03867	0.1836	0.68010
38.	6.60	4.9317	2.2276	3.03416	1.3983	0.62793
39.	2.70	1.7810	3.7910	0.71468	2.3249	0.61327
40.	6.80	4.4279	1.5057	2.35674	0.9222	0.61246
41.	6.40	6.7969	5.5156	5.12136	3.9292	0.60304
42.	0.50	0.8046	3.1426	0.39364	1.8895	0.60125
43.	2.30	0.8493	1.9063	0.62727	1.0530	0.55239
44.	6.40	4.1334	2.3265	4.56346	1.2850	0.55234
45.	5.00	7.7500	1.7372	3.37917	0.9431	0.52771
46.	6.70	10.2767	4.9714	9.02491	2.6117	0.52535
47.	5.20	0.0246	1.9962	0.03026	0.8324	0.41699
48.	5.70	0.0648	0.6740	0.00554	0.2032	0.31753
49.	2.40	5.6415	18.3330	3.07104	5.7413	0.29697
50.	0.00	0.0053	0.0095	0.02217	0.0211	0.24392
51.	0.20	0.3623	2.3255	0.07907	0.3099	0.13326

Appendix 4.f. 1969-1979 absolute growth of relative export-import-ratio for for SUBSYSTEM: "CM-FRG".

RANKS of (7)	SITC	EXPORT SHARE in total exports 1969 in %	relative EXPORT IMPORT-RATIO 1969	EXPORT SHARE in total exports 1979 in %	relative EXPORT-IMPORT-RATIO 1979	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 (7)=(6)/(4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	2.30	0.0002	0.0003	0.0135	0.0232	77.3333
2.	2.10	0.0252	0.0795	0.1365	1.7483	21.9912
3.	2.60	0.3630	1.1916	1.6891	2.3623	14.9399
4.	0.60	0.0190	0.1437	0.1702	1.6654	11.5894
5.	0.90	0.0206	0.3035	0.2626	2.9182	7.6094
6.	5.10	0.3067	0.1792	1.9513	1.2067	6.7333
7.	0.40	0.1262	0.0689	0.3764	0.5694	6.5524
8.	6.30	0.2373	0.6252	1.7299	3.1393	5.0221
9.	5.30	0.0439	0.0919	0.3136	0.4206	4.6220
10.	5.00	0.5027	0.1743	2.3296	0.6426	3.6867
11.	5.40	0.2136	0.2372	1.0915	0.8292	3.4959
12.	9.00	0.0050	0.3701	0.1598	1.2062	3.2591
13.	1.10	0.1403	0.1656	0.2682	0.4971	3.0018
14.	2.80	0.6907	0.2695	1.3519	0.7753	2.8763
15.	7.67	5.4077	0.5531	10.2429	1.5029	2.7172
16.	6.50	2.3403	0.2532	4.1637	0.6519	2.5746
17.	3.00	0.3330	0.0704	0.7063	0.1428	2.0284
18.	5.30	0.0406	0.1260	0.1497	0.2524	2.0032
19.	0.50	0.1590	0.0929	0.7334	0.1950	1.9717
20.	6.40	3.5079	3.5661	3.3118	6.2369	1.7480
21.	5.20	0.0096	0.3896	1.0694	0.6629	1.7015
22.	6.60	1.7524	0.9023	2.3672	1.5318	1.6977
23.	1.20	0.0035	0.0731	0.0092	0.1222	1.6717
24.	5.30	0.0125	0.0750	0.0385	0.0582	1.6629
25.	6.80	0.0171	0.0504	0.0296	0.0815	1.6107
26.	6.78	0.7417	0.5522	1.7113	0.8743	1.5842
27.	6.10	0.2103	0.1369	0.4703	0.2847	1.5071
28.	5.10	1.0677	3.1345	1.7341	4.7105	1.5026
29.	6.20	0.1006	0.1753	0.4284	0.2569	1.4649
30.	6.70	8.0376	2.2304	10.1037	3.0541	1.3693
31.	4.00	0.1140	0.2468	0.0746	0.3281	1.3294
32.	6.20	0.6639	0.8154	1.4046	1.0708	1.3132
33.	7.15	7.2857	8.6496	9.1509	8.3530	1.3131
34.	6.20	2.2728	3.0717	1.4735	3.6410	1.1853
35.	6.70	0.0461	0.0331	0.0467	0.0367	1.0433
36.	2.90	0.1700	0.0361	0.1414	0.0387	1.0302
37.	6.90	2.0465	1.1077	3.5796	1.0141	0.9155
38.	0.50	0.3219	0.0735	0.2399	0.0709	0.9032
39.	6.80	5.6247	1.6240	4.5568	1.2355	0.7603
40.	8.10	0.2994	1.6050	0.5490	1.1211	0.6985
41.	0.	9.5314	176.1311	2.1232	122.5074	0.6955
42.	2.70	1.0508	2.0066	0.5486	1.1029	0.5496
43.	7.69	2.6266	0.2447	1.8184	0.1338	0.5358
44.	8.40	1.1535	0.5647	2.0063	0.2360	0.5065
45.	2.40	25.6675	132.0006	18.2367	66.4474	0.5034
46.	5.90	0.5150	0.4634	0.1856	0.1849	0.3325
47.	8.90	10.0090	3.1053	3.6200	0.9712	0.3128
48.	2.50	2.9109	93.9803	2.0003	20.0612	0.2136
49.	5.70	0.0035	1.2512	0.0120	0.0026	0.1649
50.	0.80	0.0216	0.4119	0.0023	0.0232	0.0673
51.	2.20	0.1151	2.4112	0.0026	0.1103	0.0457

Appendix 4.g. 1969-1979 absolute growth of relative export-import-ratio for for SUBSYSTEM: Rest of the World.

RANKS of (7)	SITC	EXPORT SHARE in total exports 1969 in %	relative EXPORT-IMPORT-RATIO 1969	EXPORT SHARE in total exports 1979 in %	relative EXPORT-IMPORT-RATIO 1979	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 (7)=(6)/(4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	0.80	0.1007	0.0032	0.0094	0.0102	51.0000
2.	0.	0.2617	0.2207	0.7315	145.3442	43.7691
3.	2.30	0.0074	0.0033	0.1013	0.1049	31.7979
4.	1.10	0.1043	0.2477	0.7154	4.5324	18.2979
5.	0.40	0.0762	0.0474	0.1519	0.7091	14.9599
6.	1.20	0.0172	0.0102	0.0878	0.1055	10.3431
7.	0.20	1.0412	2.7959	2.1698	28.1971	10.0852
8.	0.10	0.0297	0.0342	0.0914	0.1800	5.2865
9.	0.20	0.1729	0.4260	0.3765	1.5403	3.6157
10.	4.00	0.0097	0.0100	0.0112	0.0353	3.5300
11.	2.60	2.2137	0.2995	1.4716	0.9055	3.2905
12.	5.10	2.4064	0.7466	1.2573	2.3041	3.0861
13.	3.10	0.5160	3.1240	0.8525	0.4985	3.0405
14.	0.70	0.0434	0.0053	0.0840	0.0152	2.8679
15.	0.50	0.0345	0.0250	0.3695	0.0656	2.6240
16.	0.60	2.4878	0.3327	1.4604	0.8978	2.3469
17.	2.40	3.2915	1.6939	4.0903	3.4930	2.0621
18.	5.00	1.4936	1.9242	3.0349	3.7786	1.9637
19.	5.90	0.3371	0.8975	0.6611	1.7547	1.9551
20.	0.70	0.3761	7.8479	0.2039	12.8497	1.6373
21.	2.50	0.6993	0.5816	0.7399	0.9455	1.6257
22.	2.80	0.0479	0.0045	0.0510	0.0072	1.6000
23.	0.70	0.7079	5.0144	9.0719	6.5996	1.3161
24.	5.30	0.7066	5.8434	0.5677	7.6801	1.3142
25.	7.15	20.8212	3.9344	21.1592	4.9605	1.2608
26.	6.60	4.2469	5.0177	4.0633	7.5870	1.2608
27.	8.50	1.3585	2.3423	1.1203	2.8740	1.2270
28.	2.70	0.2648	0.0711	0.1711	0.0861	1.2110
29.	5.50	0.2602	1.2313	0.1522	1.4566	1.1358
30.	2.10	0.0213	0.0175	0.0072	0.0189	1.0800
31.	6.50	7.8719	1.9085	5.6477	1.8388	0.9635
32.	2.90	0.1014	0.0612	0.0468	0.0574	0.9379
33.	0.10	0.4867	0.6156	0.4603	0.5671	0.9212
34.	0.40	5.0815	6.6312	5.2475	5.5428	0.8359
35.	0.30	0.4075	1.3739	0.5085	1.1413	0.8307
36.	0.90	5.4048	7.6004	6.5559	6.0073	0.7982
37.	6.20	1.5010	5.6596	1.4694	4.0992	0.7230
38.	0.70	1.4567	1.0315	2.5376	0.6873	0.6668
39.	3.40	0.9510	1.9794	1.3954	1.3119	0.6628
40.	7.60	0.6136	2.4159	0.4348	1.2580	0.5207
41.	0.30	0.0015	0.0007	0.0001	0.0003	0.4286
42.	0.60	0.2348	2.3411	0.0911	0.9470	0.4045
43.	3.90	3.0696	3.8775	3.6404	1.5512	0.4001
44.	7.80	4.2611	2.7615	5.5005	1.1644	0.3996
45.	0.90	0.1763	1.9010	0.0934	1.9346	0.2303
46.	3.40	2.9511	1.4939	0.8729	0.2643	0.1769
47.	3.00	0.8227	0.1740	0.5222	0.0178	0.1023
48.	3.30	0.1423	1.9152	0.0205	0.0796	0.0423
49.	9.00	0.5347	23.4234	0.0257	0.1333	0.0078
*	2.20	0.	0.	0.0021	0.0184	*
*	5.20	0.	0.	0.6041	0.6975	*

Appendix 5.a. Prediction of future RCA-development:
"Balassa Growth Index" for TOTAL SYSTEM OF AUSTRIAN FOREIGN TRADE.

RANKS of (3)	SITC	BALASSA growth Index *)	relative EXPORT-IMPORT-RATIO 1969	relative EXPORT-IMPORT-RATIO 1979	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 **)	RANKS of (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	00.	26.7057	27.7839	27.0583	0.97390	34.
2.	04.	10.0744	0.1159	1.4713	12.69456	2.
3.	11.	5.7670	0.3732	1.8965	5.08173	3.
4.	67.	3.7083	3.5949	3.6700	1.02089	31.
5.	04.	3.4714	4.3096	3.7243	0.86419	39.
6.	24.	3.4364	8.2100	4.4552	0.54266	44.
7.	02.	3.3779	2.0886	2.8545	1.36671	18.
8.	26.	3.2091	0.6007	1.6860	2.80673	5.
9.	63.	2.9685	1.6987	2.4380	1.43522	17.
10.	01.	2.3918	0.5017	1.3185	2.62806	6.
11.	57.	2.3849	2.0070	2.2492	1.12068	28.
12.	62.	1.7332	1.7202	1.7322	1.00698	32.
13.	66.	1.6620	2.2904	1.8422	0.80431	41.
14.	69.	1.5748	1.1949	1.4324	1.19876	26.
15.	85.	1.4256	2.2522	1.6469	0.73124	42.
16.	25.	1.4234	1.7266	1.5159	0.87797	38.
17.	81.	1.4145	1.2015	1.3383	1.11386	29.
18.	71.	1.4102	0.3956	1.2034	1.34368	19.
19.	72.	1.3605	0.9347	1.1945	1.27795	24.
20.	51.	1.3277	0.5933	0.9963	1.66522	13.
21.	65.	1.3206	1.0124	1.2056	1.19083	27.
22.	52.	1.2735	0.4964	0.9033	1.81970	10.
23.	54.	1.2596	0.3106	0.7423	2.39150	7.
24.	58.	1.1790	0.5678	0.9075	1.59827	14.
25.	06.	1.1439	0.4973	0.8469	1.70129	12.
26.	09.	1.0953	0.7249	0.9488	1.30887	22.
27.	61.	1.0891	0.6948	0.9309	1.33981	20.
28.	21.	1.0468	0.3938	0.7322	1.85932	9.
29.	86.	1.0291	0.4454	0.7603	1.70700	11.
30.	68.	1.0216	0.9420	0.9941	1.05531	30.
31.	53.	0.6839	0.7248	0.6972	0.96192	35.
32.	89.	0.6700	1.9085	0.9080	0.47577	46.
33.	82.	0.6659	0.3274	0.5166	1.57789	15.
34.	27.	0.6346	0.7178	0.6608	0.92059	37.
35.	84.	0.6331	1.5546	0.8266	0.53171	45.
36.	59.	0.5655	0.5677	0.5662	0.99736	33.
37.	73.	0.5545	0.3961	0.4937	1.24640	25.
38.	23.	0.5528	0.0060	0.0785	13.08333	1.
39.	55.	0.4029	0.1996	0.3135	1.57064	16.
40.	-4.	0.3573	0.0525	0.1692	3.22286	4.
41.	-9.	0.2892	11.5308	0.5519	0.04786	51.
42.	12.	0.2686	0.0727	0.1646	2.26410	8.
43.	05.	0.2160	0.1411	0.1862	1.31903	21.
44.	28.	0.2118	0.1430	0.1848	1.29231	23.
45.	29.	0.2069	0.2611	0.2231	0.85446	40.
46.	83.	0.1700	0.5658	0.2390	0.42241	48.
47.	22.	0.1472	0.3505	0.1907	0.54408	43.
48.	-3.	0.0799	0.3454	0.1189	0.34424	50.
49.	07.	0.0542	0.1829	0.0764	0.41771	49.
50.	03.	0.0353	0.0394	0.0366	0.92893	36.
51.	08.	0.0270	0.0743	0.0369	0.46241	47.

*) (3) = 1/2 x (5) + 1/2 x (5) x (6)
**) equal to Appendix 4, column (1)

Appendix 5.b. Prediction of future RCA-development:
"Balassa Growth Index" for SUBSYSTEM: COMMON MARKET.

RANKS of (3)	SITC	BALASSA growth Index *)	relative EXPORT-IMPORT-RATIO 1969	relative EXPORT-IMPORT-RATIO 1979	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 **)	RANKS of (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	00.	25.7876	129.4809	39.5156	0.30518	49.
2.	24.	13.0204	52.5276	19.0975	0.36357	48.
3.	26.	11.0457	0.4511	2.9393	6.51585	3.
4.	25.	9.1988	8.9011	9.0981	1.02213	30.
5.	01.	6.9255	5.4223	6.3693	1.17465	27.
6.	63.	4.8712	1.1895	2.8610	2.40521	13.
7.	11.	4.2798	0.4953	1.8262	3.68706	7.
8.	04.	4.1588	0.1447	1.0271	7.09813	1.
9.	64.	3.7416	5.2884	4.1797	0.79035	36.
10.	21.	3.5409	1.4909	2.5883	1.73607	17.
11.	54.	2.8166	0.1423	0.8270	5.81167	4.
12.	67.	2.3752	3.8355	2.7618	0.72006	37.
13.	06.	2.1539	0.1362	0.7009	5.14611	5.
14.	85.	1.9417	0.5263	1.1905	2.26202	14.
15.	51.	1.8706	0.1989	0.7689	3.86576	6.
16.	72.	1.7887	0.5919	1.1890	2.00879	16.
17.	-9.	1.6713	1.5939	1.6467	1.02990	29.
18.	86.	1.6294	0.3062	0.8575	2.80046	11.
19.	02.	1.5093	3.6900	1.9635	0.53347	45.
20.	62.	1.4519	1.3154	1.4044	1.06766	28.
21.	27.	1.4191	3.0518	1.7892	0.58628	41.
22.	82.	1.2284	0.1435	0.5343	3.59798	8.
23.	65.	1.2192	0.6133	0.9541	1.55568	21.
24.	09.	1.2099	0.2786	0.6935	2.48923	12.
25.	66.	1.1346	2.0474	1.3625	0.66548	39.
26.	69.	1.0925	0.7378	0.9533	1.29208	24.
27.	58.	1.0758	0.1940	0.5563	2.86753	10.
28.	81.	1.0590	1.1208	1.0791	0.96279	32.
29.	28.	1.0474	0.7700	0.9421	1.22351	26.
30.	71.	0.9920	0.4894	0.7706	1.57458	20.
31.	68.	0.9702	1.2411	1.0508	0.84667	34.
32.	61.	0.8673	0.5931	0.7602	1.28174	25.
33.	52.	0.6419	1.1747	0.7739	0.65881	40.
34.	89.	0.6350	1.5324	0.8254	0.53863	44.
35.	84.	0.5909	1.5696	0.7871	0.50147	46.
36.	55.	0.4829	0.0761	0.2357	3.09724	9.
37.	-3.	0.4718	1.0514	0.6006	0.57124	42.
38.	73.	0.4237	0.2157	0.3331	1.54427	22.
39.	-4.	0.4111	0.2236	0.3313	1.48166	23.
40.	22.	0.3212	2.4205	0.5274	0.21789	51.
41.	53.	0.2656	0.0839	0.1733	2.06555	15.
42.	83.	0.2592	0.1233	0.1936	1.61071	18.
43.	23.	0.2553	0.0097	0.0657	6.77320	2.
44.	05.	0.2522	0.3563	0.2317	0.79063	35.
45.	29.	0.2428	0.4020	0.2844	0.70746	38.
46.	12.	0.2052	0.0931	0.1575	1.60550	19.
47.	07.	0.1838	0.1894	0.1890	0.99789	31.
48.	59.	0.1653	0.3702	0.2107	0.56915	43.
49.	57.	0.1355	0.7381	0.2133	0.27065	50.
50.	03.	0.0541	0.0618	0.0565	0.91424	33.
51.	08.	0.0209	0.0713	0.0296	0.41515	47.

*) (3) = 1/2 x (5) + 1/2 x (5) x (6)
**) equal to Appendix 4. column (1)

Appendix 5.c. Prediction of future RCA-development:
"Balassa Growth Index" for SUBSYSTEM: EFTA.

RANKS of (3)	SITC	BALASSA growth Index *)	relative EXPORT-IMPORT-RATIO 1969	relative EXPORT-IMPORT-RATIO 1979	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 **)	RANKS of (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	12.	14.87278	0.0217	0.79264	36.5272	1.
2.	01.	9.84990	0.6806	3.33713	4.9032	3.
3.	85.	7.50282	4.9099	6.47270	1.3183	25.
4.	04.	7.43537	0.1077	1.21283	11.2612	2.
5.	61.	4.25129	0.7273	2.14955	2.9555	7.
6.	06.	4.14153	0.5391	1.86072	3.4515	4.
7.	05.	3.23989	1.2489	2.28803	1.3320	17.
8.	63.	2.84491	1.4404	2.23130	1.5494	20.
9.	67.	2.70868	2.8091	2.74161	0.9760	32.
10.	11.	2.27412	0.3154	1.05035	3.3302	6.
11.	84.	2.15035	1.4612	1.88052	1.2870	26.
12.	66.	1.96442	2.7742	2.19388	0.7908	36.
13.	26.	1.74617	0.6459	1.21328	1.8734	16.
14.	62.	1.72773	1.5528	1.66664	1.0733	30.
15.	69.	1.60669	0.8939	1.30582	1.4608	21.
16.	08.	1.40091	0.4651	0.93244	2.0048	13.
17.	65.	1.38793	1.0981	1.28115	1.1667	28.
18.	64.	1.30601	1.8059	1.44915	0.3025	35.
19.	58.	1.27789	0.4456	0.86738	1.9465	14.
20.	72.	1.25635	1.1662	1.22530	1.0507	31.
21.	02.	1.15948	3.2615	1.56654	0.4803	44.
22.	-3.	1.12934	0.1484	0.50949	3.4332	5.
23.	00.	1.00002	0.3932	0.71173	1.8101	18.
24.	82.	0.88580	0.6072	0.77709	1.2798	27.
25.	24.	0.88549	13.9904	1.59022	0.1137	49.
26.	73.	0.86538	0.5566	0.74189	1.3329	24.
27.	81.	0.81786	0.9012	0.84445	0.9370	33.
28.	83.	0.81637	1.1864	0.91973	0.7752	38.
29.	86.	0.67825	0.3007	0.50578	1.6820	19.
30.	22.	0.67129	0.8445	0.72322	0.8564	34.
31.	51.	0.66742	0.9589	0.74931	0.7814	37.
32.	89.	0.65737	2.4910	0.95138	0.3819	45.
33.	59.	0.64576	0.1559	0.37749	2.4214	10.
34.	27.	0.58936	1.3219	0.75150	0.5685	42.
35.	68.	0.57063	1.2552	0.72384	0.5767	41.
36.	71.	0.55311	0.5009	0.53812	1.0743	29.
37.	52.	0.50342	12.3343	0.94452	0.0766	50.
38.	54.	0.45641	0.1665	0.31539	1.8942	15.
39.	29.	0.40820	0.6689	0.47669	0.7126	39.
40.	53.	0.40375	0.0926	0.23104	2.4950	9.
41.	21.	0.39404	0.0857	0.22054	2.5734	8.
42.	57.	0.35841	1.8295	0.55092	0.3011	47.
43.	55.	0.23693	0.0633	0.14441	2.2814	11.
44.	-9.	0.16509	22.7218	0.32552	0.0143	51.
45.	09.	0.14605	0.2520	0.17314	0.6871	40.
46.	25.	0.12987	0.3292	0.17096	0.5193	43.
47.	07.	0.10850	0.9047	0.18085	0.1999	48.
48.	-4.	0.06019	0.0163	0.03689	2.2632	12.
49.	28.	0.05168	0.2476	0.07848	0.3170	46.
50.	23.	0.03960	0.0245	0.03347	1.3661	23.
51.	03.	0.03264	0.0196	0.02729	1.3923	22.

*) (3) = 1/2 x (5) + 1/2 x (5) x (6)
**) equal to Appendix 4, column (1)

Appendix 5.d. Prediction of future RCA-development:
"Balassa Growth Index" for SUBSYSTEM: "COMECON".

RANKS of (3)	SITC	BALASSA growth Index *)	relative EXPORT-IMPORT-RATIO 1969	relative EXPORT-IMPORT-RATIO 1979	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 **)	RANKS of (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.0	52.	687.199	0.0086	3.4337	399.267	1.0
2.0	09.	286.298	0.2142	56.6246	9.112	6.0
3.0	04.	252.256	0.1165	7.6032	65.306	2.0
4.0	53.	30.337	33.5782	31.3687	0.934	27.0
5.0	85.	28.625	7.9334	17.7110	2.232	13.0
6.0	62.	25.232	16.5308	21.7766	1.317	21.0
7.0	55.	19.656	5.8614	12.5295	2.138	14.0
8.0	64.	16.186	7.5854	12.3299	1.625	19.0
9.0	71.	15.188	6.5724	11.2206	1.707	18.0
10.0	00.	11.631	1.4991	5.2031	3.471	9.0
11.0	67.	11.371	3.5701	7.4008	2.073	15.0
12.0	72.	6.594	8.5624	7.1749	0.838	29.0
13.0	06.	5.341	0.0032	0.1833	57.281	3.0
14.0	59.	4.891	14.3480	6.6754	0.465	39.0
15.0	66.	4.744	3.0367	4.0602	1.337	20.0
16.0	86.	4.202	3.0952	3.7822	1.222	23.0
17.0	69.	3.909	11.2302	5.3082	0.473	38.0
18.0	54.	3.618	2.7369	3.2875	1.201	24.0
19.0	11.	3.064	0.3450	1.2916	3.744	8.0
20.0	61.	2.773	1.9292	2.4456	1.268	22.0
21.0	63.	2.579	9.0662	3.6718	0.405	42.0
22.0	81.	2.459	4.7581	3.0113	0.633	34.0
23.0	68.	2.386	0.9325	1.6941	1.817	16.0
24.0	73.	1.920	0.7840	1.3870	1.769	17.0
25.0	58.	1.834	15.2315	3.0557	0.201	48.0
26.0	89.	1.741	3.6413	2.1782	0.598	35.0
27.0	65.	1.457	3.1338	1.8377	0.585	36.0
28.0	51.	1.438	1.2605	1.3753	1.091	25.0
29.0	57.	1.382	2.2011	1.6002	0.727	31.0
30.0	27.	1.318	0.1973	0.6293	3.190	10.0
31.0	01.	1.184	0.0054	0.1104	20.444	5.0
32.0	07.	1.103	1.1561	1.1204	0.969	26.0
33.0	-4.	1.095	0.0013	0.0527	40.538	4.0
34.0	25.	0.888	0.1494	0.4458	2.984	11.0
35.0	84.	0.720	1.2311	0.8608	0.672	33.0
36.0	26.	0.691	3.2384	1.0443	0.322	45.0
37.0	83.	0.340	1.1509	0.4799	0.417	40.0
38.0	29.	0.211	0.0523	0.1248	2.386	12.0
39.0	82.	0.187	1.0740	0.2932	0.273	46.0
40.0	12.	0.131	0.2017	0.1874	0.929	28.0
41.0	22.	0.112	0.1896	0.1323	0.693	32.0
42.0	24.	0.080	0.1198	0.0908	0.758	30.0
43.0	03.	0.053	0.3259	0.0838	0.257	47.0
44.0	05.	0.050	0.0032	0.0163	5.094	7.0
45.0	02.	0.024	0.0837	0.0341	0.407	41.0
46.0	-3.	0.015	0.0681	0.0225	0.330	44.0
47.0	28.	0.006	0.0149	0.0076	0.510	37.0
48.0	-9.	0.002	0.3493	0.0049	0.014	49.0
49.0	23.	0.001	0.0052	0.0018	0.346	43.0
50.5	21.	0.	0.0579	0.	0.	50.5
50.5	08.	0.	0.3841	0.	0.	50.5

*) (3) = 1/2 x (5) + 1/2 x (5) x (6)
**) equal to Appendix 4, column (1)

Appendix 5.e. Prediction of future RCA-development:
"Balassa Growth Index" for SUBSYSTEM: Federal Republic of Germany.

RANKS of (3) (1)	SITC (2)	BALASSA growth Index *) (3)	relative EXPORT-IMPORT-RATIO 1969 (4)	relative EXPORT-IMPORT-RATIO 1979 (5)	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 **) (6)	RANKS of (6) (7)
1.	01.	88.5680	9.5281	36.5937	3.84062	6.
2.	00.	14.0026	19.3725	15.5393	0.80216	32.
3.	85.	8.1453	1.6277	4.3994	2.70292	10.
4.	26.	7.0484	0.6876	2.7884	4.05550	5.
5.	11.	6.3551	1.2104	3.3635	2.77883	9.
6.	04.	5.8931	0.2056	1.4572	7.08824	1.
7.	63.	3.7921	1.6062	2.7783	1.72979	18.
8.	24.	3.7231	19.3330	5.7413	0.29697	49.
9.	54.	3.3480	0.1219	0.8447	6.92718	2.
10.	21.	3.1964	2.6644	3.0046	1.12769	26.
11.	64.	3.1493	6.5156	3.9292	0.60304	41.
12.	25.	2.4913	2.4401	2.4741	1.01392	27.
13.	86.	2.0087	0.2444	0.8762	3.58496	7.
14.	67.	1.9919	4.9714	2.6117	0.52535	46.
15.	27.	1.8753	3.7910	2.3249	0.61327	39.
16.	61.	1.8080	0.9493	1.4379	1.51476	21.
17.	-9.	1.7681	2.4745	1.9692	0.79580	33.
18.	82.	1.7030	0.1609	0.6641	4.12869	4.
19.	62.	1.5397	1.6657	1.6145	0.96926	28.
20.	72.	1.5254	0.6173	1.0979	1.77870	17.
21.	05.	1.5128	3.1426	1.8895	0.60125	42.
22.	65.	1.3137	0.8925	1.1488	1.28711	24.
23.	66.	1.1386	2.2276	1.3938	0.62793	38.
24.	51.	1.1112	0.2050	0.5802	2.83038	8.
25.	69.	1.0965	0.7393	0.9562	1.29340	23.
26.	81.	1.0428	1.1701	1.0831	0.92562	29.
27.	71.	1.0202	0.4734	0.7742	1.63544	20.
28.	84.	0.9974	2.3265	1.2850	0.55234	44.
29.	22.	0.8590	1.1200	0.9359	0.83562	30.
30.	58.	0.8531	0.2165	0.5109	2.35927	12.
31.	28.	0.8173	1.9063	1.0530	0.55239	43.
32.	68.	0.7435	1.5057	0.9222	0.61246	40.
33.	73.	0.7277	0.1996	0.4483	2.24633	13.
34.	89.	0.7232	1.0298	0.8097	0.78628	34.
35.	-3.	0.7204	1.7872	0.9431	0.52771	45.
36.	29.	0.6810	1.0409	0.7790	0.74838	36.
37.	52.	0.5897	1.9962	0.8324	0.41699	47.
38.	83.	0.5878	0.2085	0.4017	1.92690	15.
39.	-4.	0.5062	0.1857	0.3506	1.88769	16.
40.	06.	0.4994	0.1235	0.2949	2.38689	11.
41.	23.	0.4126	0.0213	0.1223	5.74718	3.
42.	07.	0.2495	0.3303	0.2731	0.82690	31.
43.	55.	0.2132	0.0728	0.1455	1.99973	14.
44.	12.	0.2157	0.1220	0.1764	1.44602	22.
45.	53.	0.2057	0.0904	0.1529	1.69113	19.
46.	59.	0.1994	0.2972	0.2264	0.76170	35.
47.	02.	0.1756	2.3255	0.3099	0.13326	51.
48.	09.	0.1542	0.2700	0.1836	0.68010	37.
49.	57.	0.1339	0.6393	0.2032	0.31758	48.
50.	03.	0.0743	0.0518	0.0656	1.26592	25.
51.	08.	0.0131	0.0865	0.0211	0.24382	50.

*) (3) = 1/2 x (5) + 1/2 x (5) x (6)
**) equal to Appendix 4, column (1)

Appendix 5.f. Prediction of future RCA-development:
"Balassa Growth Index" for SUBSYSTEM: "CM-FRG".

RANKS of (3) (1)	SITC (2)	BALASSA growth Index *) (3)	relative EXPORT-IMPORT-RATIO 1969 (4)	relative EXPORT-IMPORT-RATIO 1979 (5)	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 **) (6)	RANKS of (6) (7)
1.	00.	103.3585	176.1311	122.5074	0.6955	41.
2.	24.	49.9471	132.0086	66.4474	0.5034	45.
3.	26.	22.8110	0.1916	2.3623	14.9389	3.
4.	21.	20.0973	0.0795	1.7483	21.9912	2.
5.	09.	12.5620	0.3835	2.9182	7.6094	5.
6.	25.	12.1731	93.9206	20.0612	0.2136	48.
7.	06.	10.4832	0.1437	1.6654	11.5894	4.
8.	63.	9.4541	0.6252	3.1393	5.0221	8.
9.	64.	8.5694	3.5681	6.2369	1.7480	20.
10.	01.	5.8947	3.1345	4.7105	1.5028	28.
11.	51.	4.6662	0.1792	1.2067	6.7338	6.
12.	02.	3.9784	3.0717	3.6410	1.1853	34.
13.	67.	3.6180	2.2304	3.0541	1.3693	30.
14.	72.	2.7933	0.5531	1.5029	2.7172	15.
15.	-9.	2.5687	0.3701	1.2062	3.2591	12.
16.	04.	2.1502	0.0869	0.5694	6.5524	7.
17.	68.	2.0661	0.9023	1.5318	1.6977	22.
18.	54.	1.2640	0.2372	0.8292	3.4958	11.
19.	58.	1.5059	0.1743	0.6426	3.6867	10.
20.	28.	1.5028	0.2695	0.7753	2.8768	14.
21.	62.	1.2385	0.8154	1.0708	1.3132	32.
22.	55.	1.1823	0.0910	0.4206	4.6220	9.
23.	65.	1.1652	0.2532	0.6519	2.5746	16.
24.	86.	1.1303	0.5522	0.8748	1.5842	26.
25.	66.	1.0877	1.6240	1.2355	0.7608	39.
26.	11.	0.9947	0.1656	0.4971	3.0018	13.
27.	71.	0.9865	0.6496	0.8530	1.3131	33.
28.	69.	0.9713	1.1077	1.0141	0.9155	37.
29.	81.	0.9521	1.6050	1.1211	0.6985	40.
30.	23.	0.9037	0.0003	0.0232	77.3333	1.
31.	52.	0.8954	0.3896	0.6629	1.7015	21.
32.	27.	0.8545	2.0066	1.1029	0.5496	42.
33.	89.	0.6375	3.1053	0.9712	0.3128	47.
34.	-4.	0.3821	0.2468	0.3281	1.3294	31.
35.	53.	0.3790	0.1260	0.2524	2.0032	18.
36.	61.	0.3569	0.1889	0.2847	1.5071	27.
37.	82.	0.3165	0.1753	0.2568	1.4649	29.
38.	85.	0.2897	0.0989	0.1950	1.9717	19.
39.	-3.	0.2162	0.0704	0.1428	2.0284	17.
40.	84.	0.2154	0.5647	0.2860	0.5065	44.
41.	12.	0.1632	0.0731	0.1222	1.6717	23.
42.	59.	0.1278	0.4834	0.1849	0.3825	46.
43.	57.	0.1180	1.2312	0.2026	0.1646	49.
44.	08.	0.1064	0.0506	0.0815	1.6107	25.
45.	73.	0.1027	0.2497	0.1338	0.5358	43.
46.	29.	0.0900	0.0861	0.0887	1.0302	36.
47.	07.	0.0836	0.0831	0.0867	1.0433	35.
48.	83.	0.0775	0.0350	0.0582	1.6629	24.
49.	05.	0.0675	0.0785	0.0709	0.9032	38.
50.	22.	0.0577	2.4112	0.1103	0.0457	51.
51.	03.	0.0150	0.4189	0.0282	0.0673	50.

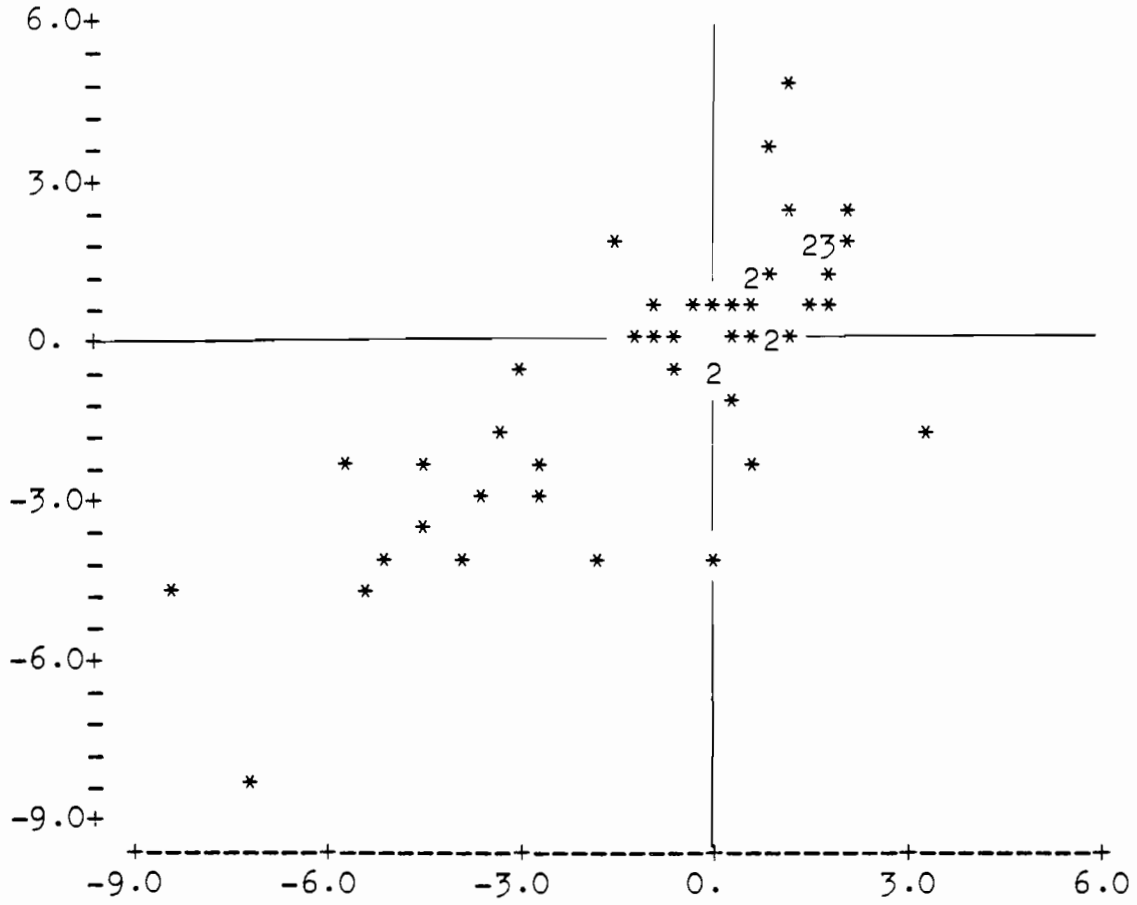
*) (3) = 1/2 x (5) + 1/2 x (5) x (6)
**) equal to Appendix 4, column (1)

Appendix 5.g. Prediction of future RCA-development:
"Balassa Growth Index" for SUBSYSTEM: Rest of the World.

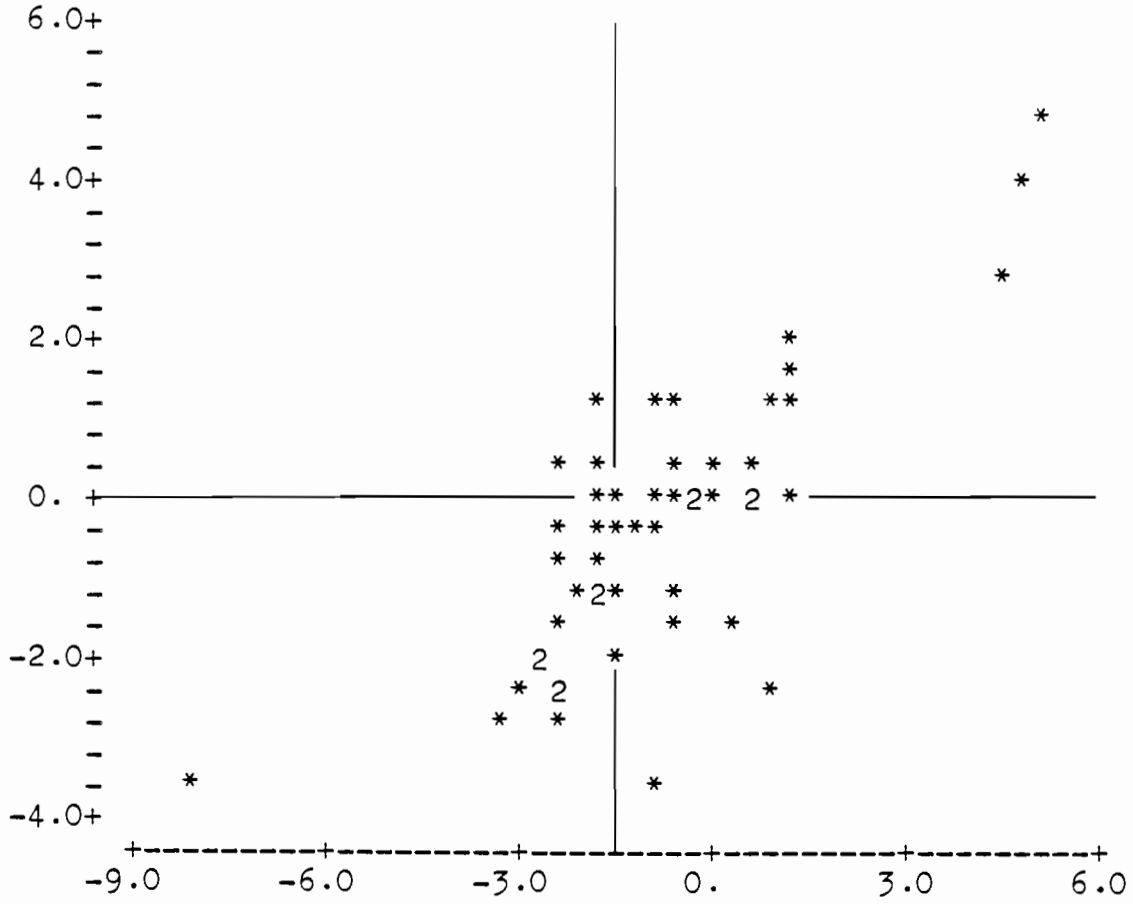
RANKS of (3)	SITC	BALASSA growth Index *)	relative EXPORT-IMPORT-RATIO 1969	relative EXPORT-IMPORT-RATIO 1979	GROWTH-INDEX of relative EXPORT-IMPORT-RATIO 1969 to 1979 **)	RANKS of (6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	00.	3253.47	3.3207	145.3442	43.7691	2.
2.	02.	156.28	2.7959	28.1971	10.0852	7.
3.	11.	43.73	0.2477	4.5324	18.2979	4.
4.	81.	19.19	3.1240	9.4985	3.0405	13.
5.	57.	16.94	7.8479	12.8497	1.6373	20.
6.	53.	8.89	5.8439	7.6801	1.3142	24.
7.	66.	8.58	6.0177	7.5870	1.2608	26.
8.	67.	7.64	5.0144	6.5996	1.3161	23.
9.	69.	5.84	8.6009	6.6073	0.7682	36.
10.	04.	5.66	0.0474	0.7091	14.9599	5.
11.	71.	5.61	3.9344	4.9605	1.2608	25.
12.	58.	5.60	1.9242	3.7786	1.9637	18.
13.	24.	5.35	1.6939	3.4930	2.0621	17.
14.	64.	5.09	6.6312	5.5428	0.8359	34.
15.	51.	4.71	0.7466	2.3041	3.0861	12.
16.	82.	3.55	0.4260	1.5403	3.6157	9.
17.	62.	3.53	5.6696	4.0992	0.7230	37.
18.	85.	3.20	2.3423	2.8740	1.2270	27.
19.	59.	2.59	0.8975	1.7547	1.9551	19.
20.	26.	2.11	0.2995	0.9855	3.2905	11.
21.	65.	1.81	1.9085	1.8338	0.9635	31.
22.	23.	1.72	0.0033	0.1049	31.7879	3.
23.	55.	1.56	1.2813	1.4506	1.1368	29.
24.	68.	1.50	0.3827	0.8978	2.3460	16.
25.	25.	1.24	0.5816	0.9455	1.6257	21.
26.	09.	1.24	6.9010	1.9346	0.2803	45.
27.	54.	1.09	1.9794	1.3119	0.6628	39.
28.	89.	1.09	3.8775	1.5512	0.4001	43.
29.	63.	1.04	1.3739	1.1413	0.8307	35.
30.	72.	0.96	2.4153	1.2580	0.5207	40.
31.	73.	0.76	3.7615	1.1644	0.3096	44.
32.	06.	0.67	2.3411	0.9470	0.4045	42.
33.	12.	0.60	0.0102	0.1055	10.3431	6.
34.	86.	0.57	1.0315	0.6372	0.6668	38.
35.	01.	0.57	0.0342	0.1808	5.2865	8.
36.	61.	0.54	0.6156	0.5671	0.9212	33.
37.	08.	0.27	0.0002	0.0102	51.0000	1.
38.	84.	0.16	1.4939	0.2643	0.1769	46.
39.	05.	0.12	0.0250	0.0656	2.6240	15.
40.	27.	0.10	0.0711	0.0861	1.2110	28.
41.	-9.	0.09	23.6234	0.1833	0.0078	49.
42.	-4.	0.08	0.0100	0.0353	3.5300	10.
43.	29.	0.06	0.0612	0.0574	0.9379	32.
44.	83.	0.04	1.8852	0.0798	0.0423	48.
45.	07.	0.03	0.0053	0.0152	2.8679	14.
46.	21.	0.02	0.0175	0.0189	1.0800	30.
47.	-3.	0.01	0.1740	0.0178	0.1023	47.
48.	28.	0.01	0.0045	0.0072	1.6000	22.
49.	03.	0.00	0.0007	0.0003	0.4286	41.
*	22.	*	0.	0.0184	*	*
*	52.	*	0.	0.6975	*	*

*) (3) = 1/2 x (5) + 1/2 x (5) x (6)
**) equal to Appendix 4, column (1)

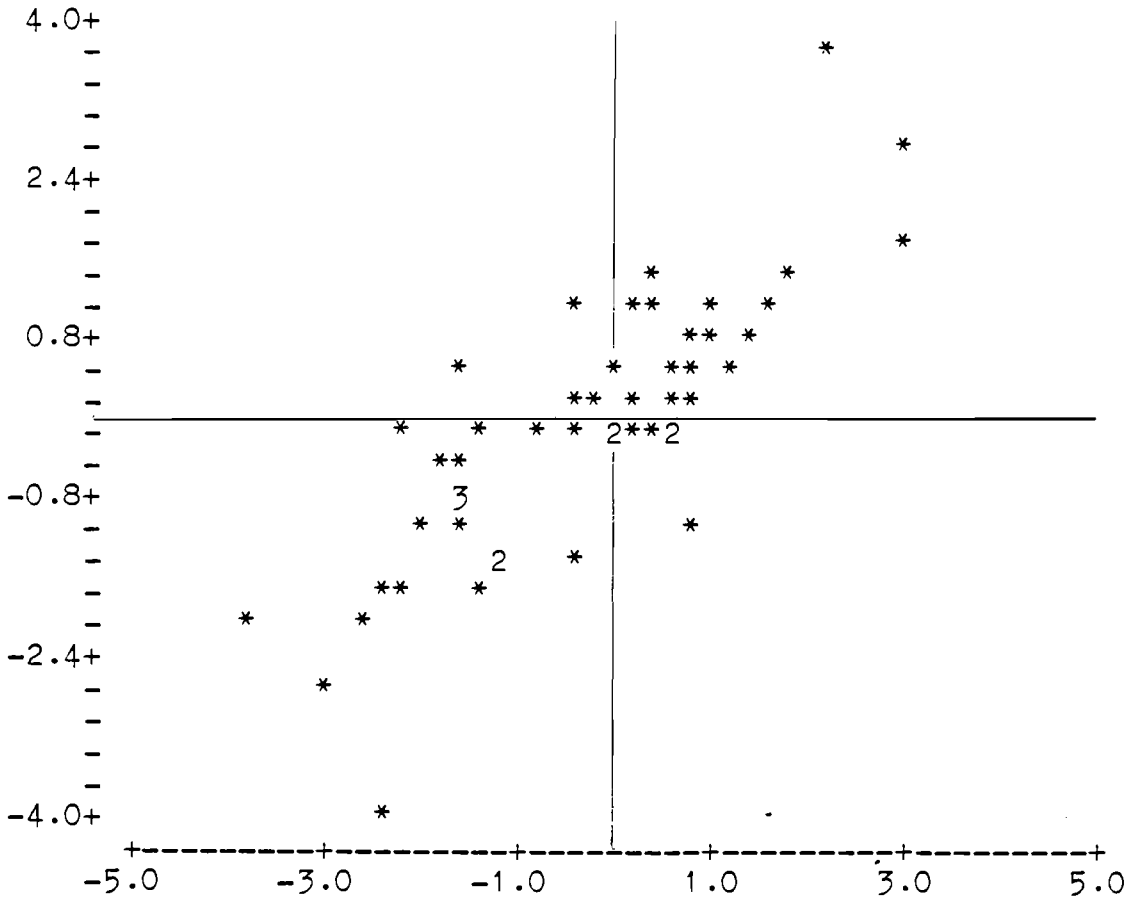
Appendix 6.a. Plot of 1979 RCA-values over 1969 RCA-values for TOTAL SYSTEM OF AUSTRIAN FOREIGN TRADE.



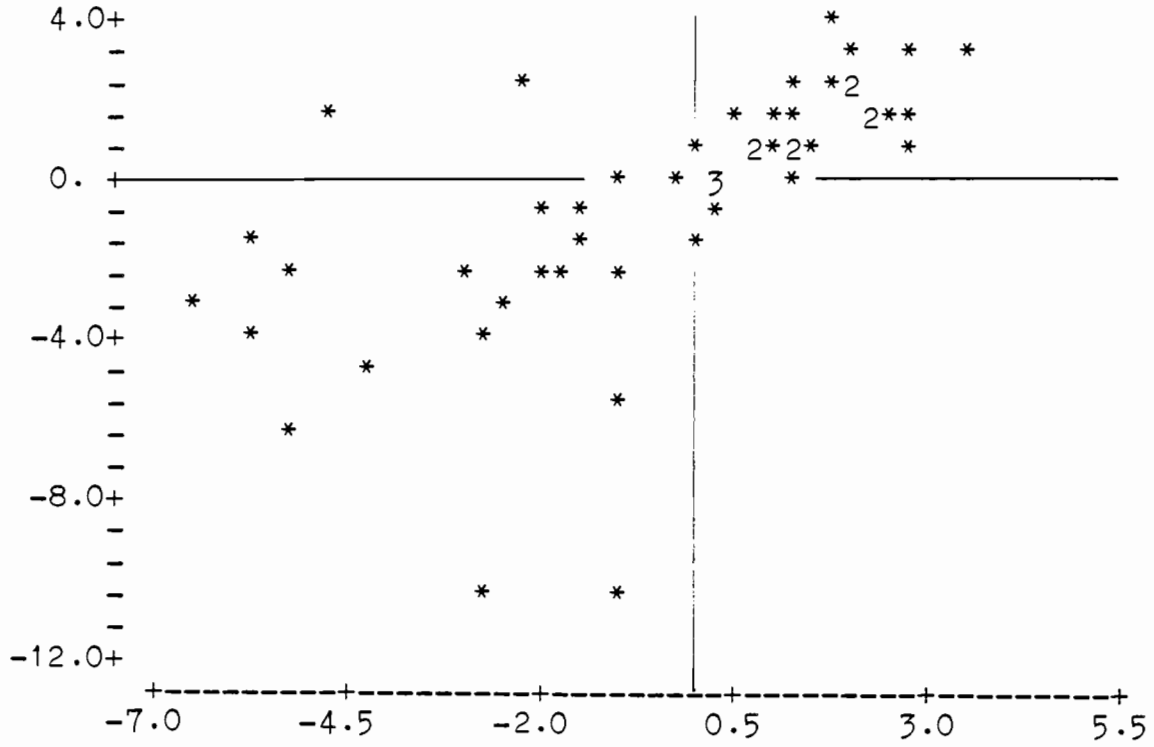
Appendix 6.b. Plot of 1979 RCA-values over 1969 RCA-values for SUBSYSTEM: COMMON MARKET.



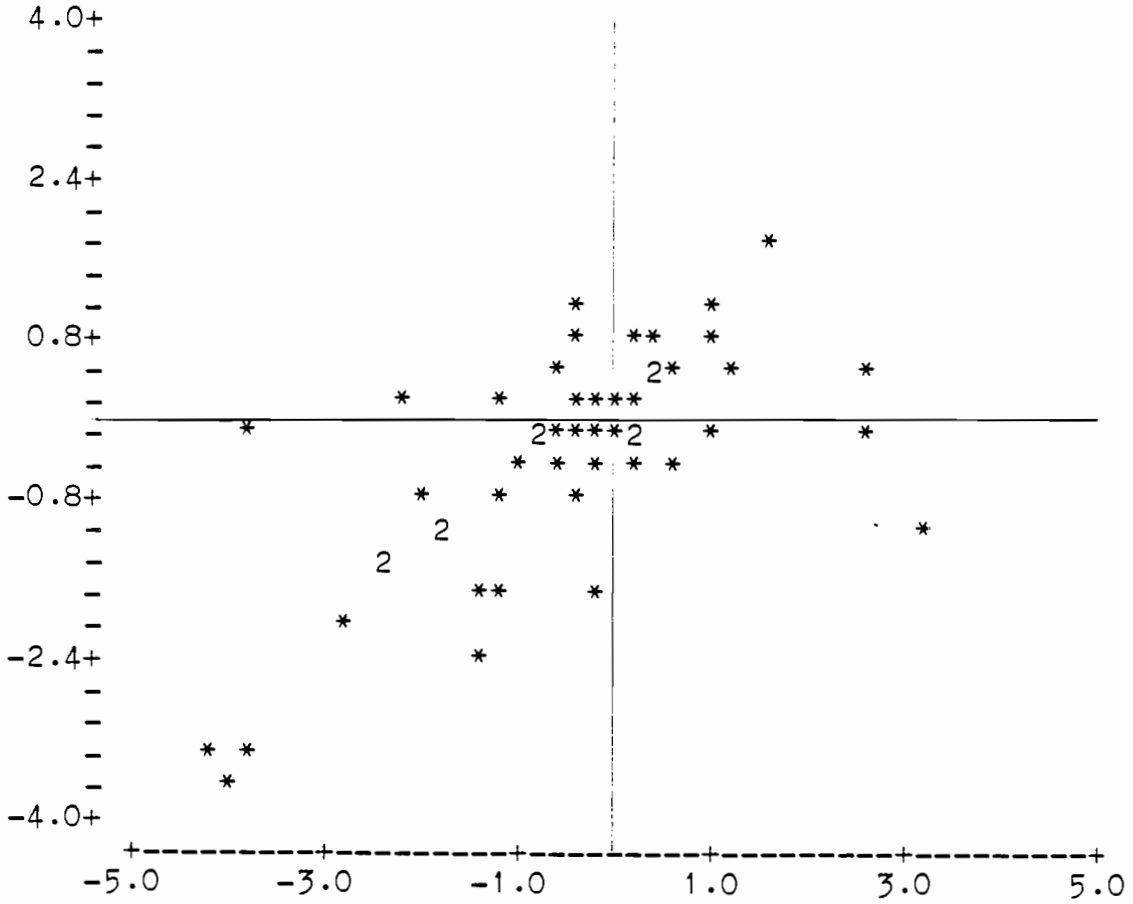
Appendix 6.c. Plot of 1979 RCA-values over 1969 RCA-values for SUBSYSTEM: EFTA.



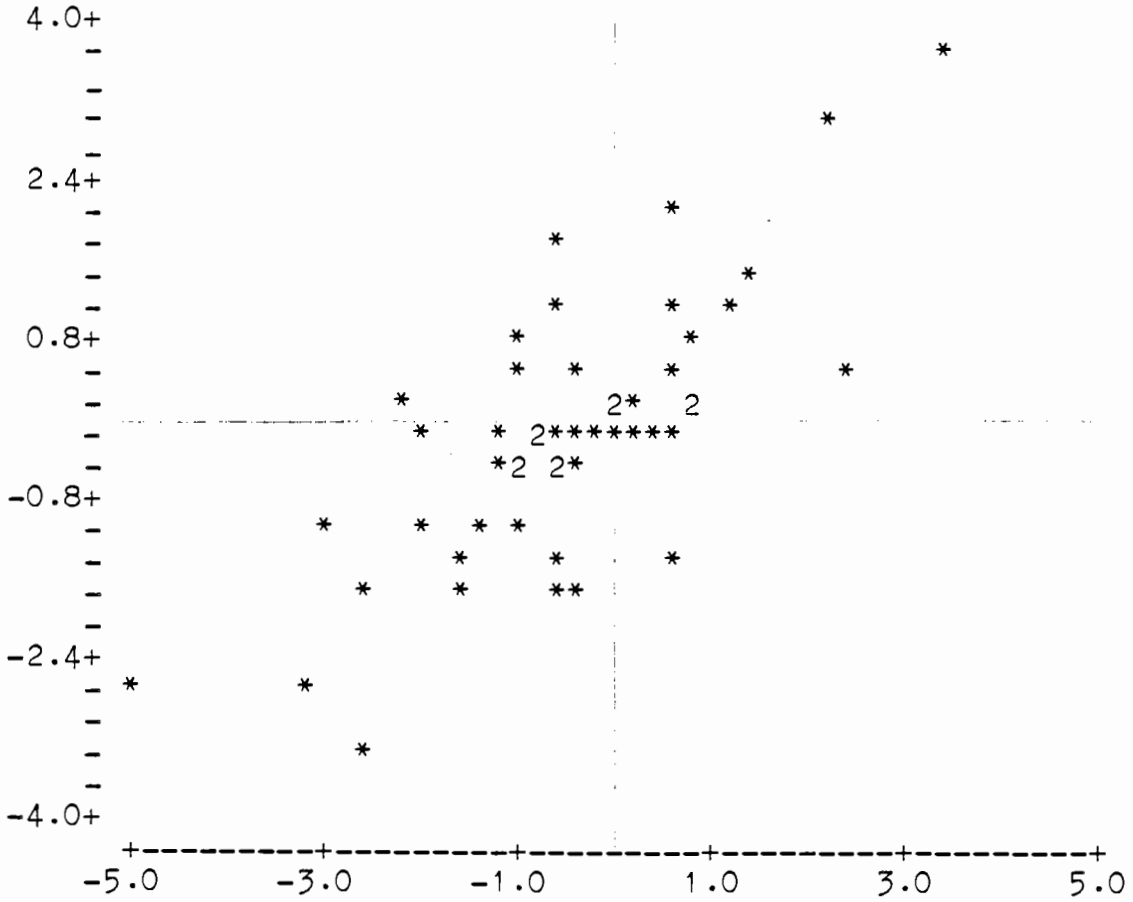
Appendix 6.d. Plot of 1979 RCA-values over 1969 RCA-values for SUBSYSTEM: COMECON.



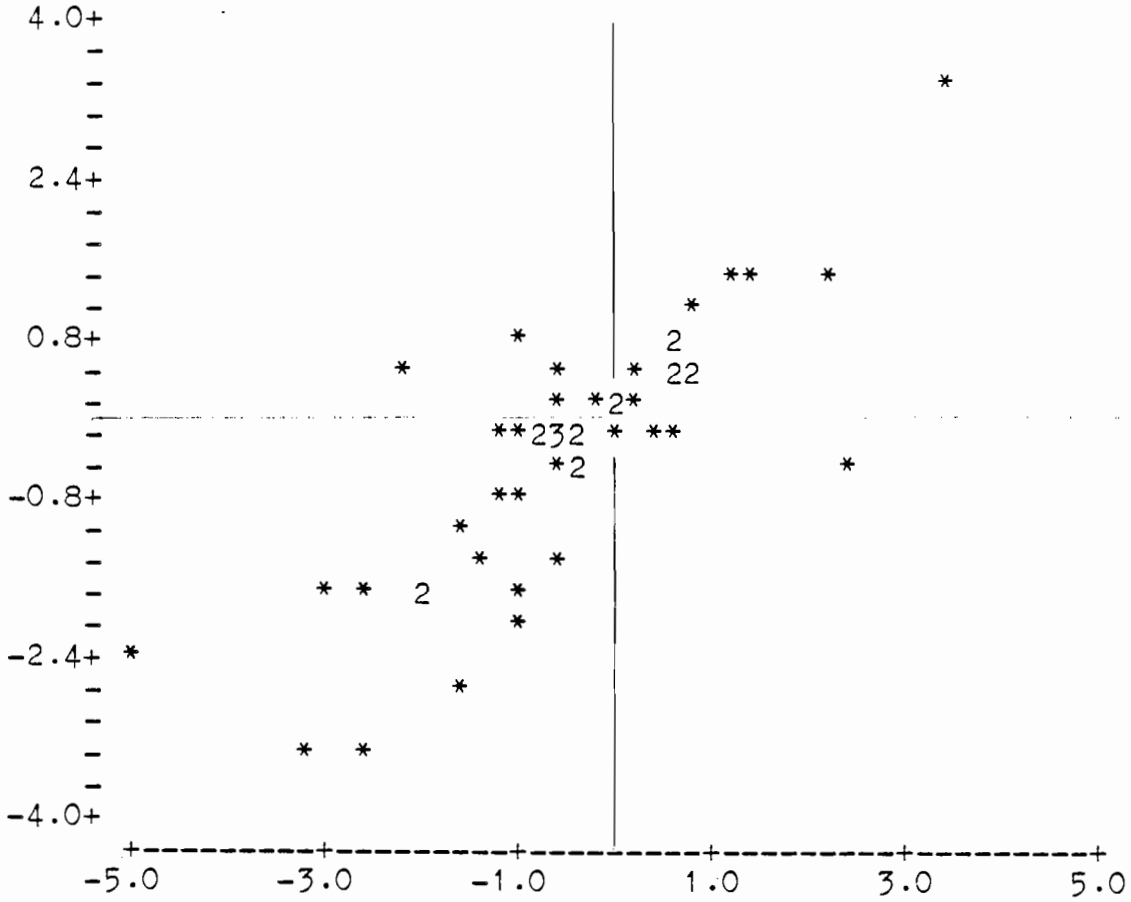
Appendix 6.e. Plot of 1979 RCA-values over 1969 RCA-values for SUBSYSTEM: Federal Republic of Germany.



Appendix 6.f. Plot of 1979 RCA-values over 1969 RCA-values for SUBSYSTEM: "CM-FRG".



Appendix 6.g. Plot of 1979 RCA-values over 1969 RCA-values for SUBSYSTEM: Rest of the World.



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