

ECONOMIC COMPETITIVENESS IN THE REGIONAL AND GLOBAL CONTEXT

Ion PĂRȚACHI¹
Eugeniu GÂRLĂ²

Abstract

In present time Global Competitiveness Index (GCI) includes factors of both macro and micro level and, since 2005 World Economic Forum uses this index to measure competitiveness. However, each country or economic system has particularities of their economic development, so different countries differ in their set of indicators. In making decisions, the most important is the composition of competitiveness rankings, often countries are being ranked as compared to a certain standard. In this study, the authors come up with a new approach embodied in the unique concept of evaluation of competitiveness and economic convergence. They also propose a new formula of calculation, where traditional indicators of competitiveness are taken into account simultaneously with parameters related to convergence, expressed by the distance of the development parameters of the entity from the given standard.

Keywords: competitiveness, security, financial stability, econometric models, stochastic models, optimization models.

Rezumat

Global Competitiveness Index (GCI), ICG - Indicele Competitivității Globale include acum factori atât la nivel micro precum și macro și, începând cu anul 2005 World Economic Forum utilizează acest indice la măsurarea competitivității. Dar fiecare țară sau sistem economic are anumite particularități privind dezvoltarea economică, deci, diferite țări se deosebesc prin setul de indicatorii caracterizanți. De menționat, că în procesul de luare a deciziilor, în primul rând de alcătuire a clasamentului competitivității, cel mai des partajarea țărilor se face prin compararea cu un anumit etalon. În prezentul studiu autorii vin cu o abordare nouă concretizată în concept unic de evaluare a competitivității și convergenței economice, se propune, de asemenea, o nouă formulă de calcul, în care alături de indicatorii tradiționali ai competitivității figurează concomitent și parametrii legați de convergență, exprimați prin distanța parametrilor de dezvoltare ai entității de la etalonul dat.

Cuvinte-cheie: Competitivitate, securitate, Stabilitate financiara, modele econometrice, modele stohastice, modele de optimizare.

JEL: C02,C63,E27,E32

¹ Ph.D. ASEM, Chisinau, Republic of Moldova, ipartachi@ase.md.

² Ph.D. ASEM, Chisinau, Republic of Moldova, stiinta@ase.md.

1. Introduction

The modern economies of the highest level, primarily the knowledge-based ones, the development strategies that accompany them presuppose the existence of a nucleus which constitutes, for instance, the "engine of convergence" in the EU, "innovation" in China, etc. For the Republic of Moldova, the authors propose to use as a nucleus the *Optimal Economic Growth Model (Optimal Economic Growth Model - PG)*, composed of five main blocks: *Human Development Index, Inflationary Phenomenon Prediction, Competitiveness Assessment, Development through Convergence, and Economic Security*, adding the genuine reform and the economic mechanisms specific to the completion of the transition phase. The development strategy of an entity in the globalization era is inextricably linked to the evaluation of its effectiveness, most often carried out by means of competitiveness. However, each country or economic system is particular through its economic development, so the various countries are distinguished by the relevant economic indicators. Based on these considerations, we argue the necessity to elaborate and describe an appropriate competitiveness evaluation methodology, as well as the need for new methods and models for competitiveness assessment. Presently, there is not a univocal position on this topic, even if some methodologies, methods and models are supported by the best known international financial structures, while others remain only formulated on the pages of scientific journals.

On indicators. The indicator is a quantitative characterization of the properties of an object as well as the socioeconomic process, a measure qualitatively defined as a result of the measuring or performing calculations. The indicator represents a measure with a single quantitative value, but with multiple qualitative characteristics. The economic category, which is composed of one or more indicators, reflects one of the basic components of the economic relations. Along with defining the structures, the economic categories establish links among themselves as well as with other simple indicators. Thus, a set of categories (the institutional system, the infrastructure, the macroeconomic stability, health and primary education, the higher education, the goods market, the efficiency, the labor market, the financial market, the level of technological readiness, the market size, and the conditions for business innovation) determines the structure of competitiveness. Moreover, the structure represents an invariant of the economic system and the characterizing indicators constitute a subset of all the possible logically interrelated indicators.

The set of indicators by Sala-i-Martin. In the field of competitiveness, firstly Porter, and later Sala-i-Martin proposed a set of indicators which are very well fitted together, well-structured and hierarchically organized, with a detailed description of the links between them. The Global Competitiveness Index (GCI) includes factors both at micro and macro and is used to measure the competitiveness.

The aggregation of indicators. In the process of calculations it is often proceeded from aggregation. It is desirable however, that the indicators, whatever they are, to be subjected only to mathematical operations, without having to perform any stage of aggregation. Or, it is known that any aggregation approximates the original data and never, even theoretically, expresses their primary essence and only provides an approximate description of the economic situation, furthermore the substantial decrease in the number of the admissible variables and restrictions diminishes much the essence of the base indicators.

The existing methods solve this methodological difficulty only partially, thus in order to avoid slipping too much into the field of the permissible values in the aggregation process, the restrictive formulas which use the weighted average of the economic indicators have been proposed, for example the formulas by R. Yager are most commonly used when analyzing the competitiveness (General Competitiveness Index - GCI). This score is calculated separately based on three factors: essential, of efficiency, innovational, each group being limited by the above factors as a share in the stage of the economic development of the country, respectively being based mainly on production as such, production efficiency or innovation. The Republic of Moldova, for example, has an importance of the determinant factors of competitiveness given by the limit-coefficients (in⁰%):

$$60_{\text{production}} + 35_{\text{efficiency}} + 5_{\text{innovation}} = 100_{\text{total}}.$$

Thus: $\text{GCI}_{\text{moldova}}$, divided by 100 shows:

$$\text{GCI}_{\text{moldova}} = 0.6 * \text{Basic}_{\text{moldova}} + 0.35 * \text{Efficiency}_{\text{moldova}} + 0.05 * \text{Innovation}_{\text{moldova}},$$

Basic, Efficiency, Innovation meaning the numeric value for the weighted average of the groups of production, efficiency and innovation indicators at the level of national economy. The formulas for the 12 pillars of competitiveness are analogically deducted. Specifically, for each series of the above factors, it is calculated as follows: production (25% + 25% + 25% + 25% = 100%); efficiency (17% + 17% + 17% + 17% + 17% + 17% ≈ 100%); innovation (50% + 50% = 100%). In the process of establishing these coefficients, initially the influence of the pillars on the economy is investigated, then the percentage of economic sectors in the national GDP is calculated, and for the evaluation of the final GCI: the GDP, GDP per capita, population, and market size are taken into account. This methodology generates much subjectivity, the procedure of determining the robustness of indicators being regarded as a difficult problem.

2. A new approach based on the distance from the standard

In the field of the comparative analysis of the economic research, most often the comparison with a benchmark is made, after which the homogeneity, the degree of closeness / removal from the standard, etc. is calculated. In terms of mathematics, the comparison with the standard is carried out through the use of the norm. There are various definitions of the norm $\|x\|$ of a vector x , of these the norm defined as the sum of the squares of the components $x_1, \dots, x_n$ is the most appropriate to the problem addressed by the survey, due to the continuity of the respective function together with its derivatives, as well as various methods and models, however, the model proposed by Krugman is closest to the approach proposed by the authors.

3. The Solving Model (PG)

1) The mathematical formula (C) for competitiveness rankings:

$$C = \frac{\sum_{l=1}^L k_l * \left(\frac{x_l}{x_{l0}} - 1 \right)^2 * 100\%}{L},$$

here L is the number of indicators, however in the above mentioned studies a country with a lower C will be placed. Using the described formula, the national competitiveness for the years of 2012-2013 was calculated (NC), the initial data is taken from WEF sources. We used as the benchmark the indicators of value of the best placed country (Switzerland) according to the World Economic Forum.

2) The PG Model [Gârlă, 2012, p. 71] itself is an optimization one, with the objective function $\min f(x)$, called Sustainable Competitiveness Index – SCI

$$\min f(x) = \|x - x^0\|^2.$$

In the optimization process, the indicators of the vector x , or some of them will be connected by linear and nonlinear dependencies g_k , which in their general form show: the restrictions in the form of equality

$$g_k(x) = 0, \quad k = \overline{1, m},$$

are equivalent to the dependencies related to the relationship between different indicators;

the restrictions in the form of inequality are of the type

$$0 \leq x_i \leq a_i, \quad i = \overline{1, n},$$

here a_i is the up / down limit of the indicator i , and it is equivalent to the introduction of its variation intervals.

Table 1 (**Anex 1**) shows how, by using the method described for each country, the optimal vector of Sustainable Competitiveness Index – SCI can be calculated for the 12 pillars for the years of 2012-2013; it is marked with green and compared with the real index of the same period marked with red. These calculations are based on the assumption that the value SCI does not change rapidly over time, i.e. the sustainable competitiveness of the entity coincides with the real one, taken from the WEF sources [Report, 2013, pp. 70-89], however, the value of the pillars can be optimized, in a particular sense, by measuring the minimum distance from the preset standard, which actually corresponds to a better distribution of the weight of pillars to the evaluation of the economic performance of the given entity. Moreover, given that the medium to long term sustainable competitiveness is always constrained by the social and environmental limitations, and that in its evolution, SCI reflects more the economic potential of the entity than the situation at the moment, this method can be used in predicting the economic developments in countries in the near or more distant perspective, ranging the numerical value of SCI and thus obtaining different development scenarios.

Bibliographic references:

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Anex 1 - Table 1 Optimality

□ - real, ■ -optimal

: Country:	Ind.1 :	Ind.2 :	Ind.3 :	Ind.4 :	Ind.5 :	Ind.6 :	Ind.7 :	Ind.8 :	Ind.9 :	Ind.10 :	Ind.11 :	Ind.12:
<i>Switzerland</i>	5,75	6,22	6,38	6,54	5,9	5,26	5,9	5,3	6,02	4,52	5,79	5,78
	5,6675	6,0975	6,2575	6,3275	5,7775	5,1975	5,3975	5,4475	5,8875	6,5275	5,3975	5,3775
<i>Netherlands</i>	5,72	6,18	5,2	6,6	5,79	5,29	4,99	4,96	5,98	5,11	5,63	5,31
	5,450833	5,880833	6,040833	6,110833	5,560833	833	5,180833	5,230833	5,670833	6,310833	5,180833	5,160833
<i>Singapore</i>	6,07	6,5	6,06	6,73	5,93	5,6	5,8	5,85	6,1	4,61	5,14	5,39
	5,7025	6,1325	6,2925	6,3625	5,8125	5	5,4325	5,4825	5,9225	6,5625	5,4325	5,4125
<i>Sweden</i>	5,73	5,69	6,16	6,46	5,75	5,14	4,81	5,29	6,29	4,62	5,56	5,56
	5,475833	5,905833	6,065833	6,135833	5,585833	833	5,205833	5,255833	5,695833	6,335833	5,205833	5,185833
<i>Finland</i>	6,03	5,58	5,7	6,82	6,18	5,05	5	5,5	5,92	4,18	5	4,91
	5,376667	5,806667	5,966667	6,036667	5,486667	667	5,106667	5,156667	5,596667	6,236667	5,106667	5,086667
<i>Austria</i>	5,04	5,8	5,35	6,32	5,48	4,91	4,69	4,65	5,7	4,62	5,52	5,07
	5,15	5,58	5,74	5,81	5,26	4,68	4,88	4,93	5,37	6,01	4,88	4,86
<i>Taiwan</i>	5	5,72	5,51	6,45	6,68	5,26	4,84	4,98	5,44	5,24	5,18	4,99
	5,335	5,765	5,925	5,995	5,445	4,865	5,065	5,115	5,555	6,195	5,065	5,045
<i>Zealand</i>	6,06	5,18	4,75	6,63	5,66	5,35	5,19	5,48	5,47	3,82	5,78	4,43
	5,204167	5,634167	5,794167	5,864167	5,314167	67	4,934167	4,984167	5,424167	6,064167	4,934167	4,914167
<i>Norway</i>	5,66	5,19	6,6	6,34	5,61	4,79	4,98	5,42	5,78	4,31	5,05	4,96
	5,278333	5,708333	5,868333	5,938333	5,388333	333	5,008333	5,058333	5,498333	6,138333	5,008333	4,988333
<i>Britain</i>	5,41	6,22	4,01	6,39	5,57	5,09	5,42	5,16	6	5,78	5,48	5,17
	5,3625	5,7925	5,9525	6,0225	5,4725	5	5,0925	5,1425	5,5825	6,2225	5,0925	5,0725
<i>Australia</i>	5,27	5,7	5,57	6,46	5,64	4,87	4,6	5,35	5,61	5,1	4,61	4,51
	5,161667	5,591667	5,751667	5,821667	5,271667	67	4,891667	4,941667	5,381667	6,021667	4,891667	4,871667
<i>Katar</i>	5,77	5,12	6,66	6,29	4,94	5,24	5,01	5,12	5,28	4,01	5,33	4,71
	5,1775	5,6075	5,7675	5,8375	5,2875	5	4,9075	4,9575	5,3975	6,0375	4,9075	4,8875
<i>Eau</i>	5,5	6,12	6,41	6,08	4,9	5,31	5,24	4,74	5,05	4,41	5,1	4,18
	5,140833	5,570833	5,730833	5,800833	5,250833	833	4,870833	4,920833	5,360833	6,000833	4,870833	4,850833
<i>Luxembourg</i>	5,6	5,84	6,18	6,2	4,74	5,32	4,65	5,21	6,21	3,07	4,96	4,82
	5,120833	5,550833	5,710833	5,780833	5,230833	833	4,850833	4,900833	5,340833	5,980833	4,850833	4,830833
<i>Malaysia</i>	4,94	5,09	5,34	6,16	4,83	5,16	4,82	5,44	4,31	4,78	5,02	4,38
	4,91	5,34	5,5	5,57	5,02	4,44	4,64	4,69	5,13	5,77	4,64	4,62
<i>Ireland</i>	5,22	5,34	3,44	6,46	5,3	5,24	5	3,6	5,82	4,13	5,1	5,57
	4,905833	5,335833	5,495833	5,565833	5,015833	833	4,635833	4,685833	5,125833	5,765833	4,635833	4,615833

<i>Hong Kong</i>	5,53	6,72	6,07	6,24	5,26	5,44	5,65	5,89	6,16	4,82	3,74	3,61
	5,315	5,745	5,905	5,975	5,425	4,845	5,045	5,095	5,535	6,175	5,045	5,025
<i>Saudi Arabia</i>	5,35	5,23	6,55	5,82	4,79	5,12	4,47	4,88	4,91	4,85	4,91	4,03
	4,963333	5,393333	5,553333	5,623333	5,073333	4,493333	4,693333	4,743333	5,183333	5,823333	4,693333	4,673333
<i>Israel</i>	4,75	4,89	4,72	6,04	5,07	4,51	4,61	5,03	5,23	4,3	4,75	3,73
	4,69	5,12	5,28	5,35	4,8	4,22	4,42	4,47	4,91	5,55	4,42	4,4
<i>Czech</i>	3,67	4,81	5,19	5,87	4,87	4,53	4,32	4,25	5,06	4,51	5,41	5,08
	4,685	5,115	5,275	5,345	4,795	4,215	4,415	4,465	4,905	5,545	4,415	4,395
<i>US</i>	4,59	5,81	3,97	6,11	5,72	4,88	5,37	5,07	5,84	6,93	5,34	5,5
	5,315	5,745	5,905	5,975	5,425	4,845	5,045	5,095	5,535	6,175	5,045	5,025
<i>Tajikistan</i>	3,96	2,66	3,82	5,43	3,86	4,04	4,55	3,35	2,97	2,57	3,71	3,22
	3,565833	3,995833	4,155833	4,225833	3,675833	3,833333	3,295833	3,345833	3,785833	4,425833	3,295833	3,275833
<i>Puerto Rico</i>	4,61	4,18	5,04	5,61	5,19	4,86	4,6	4,69	4,7	3,6	4,92	4,35
	4,583333	5,013333	5,173333	5,243333	4,693333	4,113333	4,313333	4,363333	4,803333	5,443333	4,313333	4,293333
<i>Denmark</i>	5,4	5,74	5,4	6,19	5,59	5,03	5,22	4,69	6,19	4,22	3,8	2,69
	4,900833	5,330833	5,490833	5,560833	5,010833	4,430833	4,630833	4,680833	5,120833	5,760833	4,630833	4,610833
<i>Chile</i>	4,97	4,62	6,15	5,64	4,72	4,74	4,68	4,73	4,48	4,44	4,25	3,85
	4,66	5,09	5,25	5,32	4,77	4,19	4,39	4,44	4,88	5,52	4,39	4,37
<i>Canada</i>	5,52	5,84	4,9	6,58	5,57	5,12	5,45	5,28	5,6	5,45	3,34	2,68
	4,998333	5,428333	5,588333	5,658333	5,108333	4,528333	4,728333	4,778333	5,218333	5,858333	4,728333	4,708333
<i>Belgium</i>	5	5,68	4,66	6,75	5,81	5,12	4,54	4,68	5,57	4,81	3,23	3,01
	4,7925	5,2225	5,3825	5,4525	4,9025	4,3225	4,5225	4,5725	5,0125	5,6525	4,5225	4,5025
<i>Japan</i>	5,13	5,92	3,67	6,6	5,28	4,98	4,89	4,63	5,7	6,13	4,16	3,32
	4,921667	5,351667	5,511667	5,581667	5,031667	4,451667	4,651667	4,701667	5,141667	5,781667	4,651667	4,631667
<i>Bahrain</i>	5,13	5,19	5,5	6,07	4,93	5,1	4,89	4,99	4,72	2,86	4,34	3,13
	4,625	5,055	5,215	5,285	4,735	4,155	4,355	4,405	4,845	5,485	4,355	4,335
<i>Germany</i>	5,31	6,36	5,48	6,3	5,8	4,92	4,51	4,66	5,71	6,02	3,57	2,96
	5,020833	5,450833	5,610833	5,680833	5,130833	4,550833	4,750833	4,800833	5,240833	5,880833	4,750833	4,730833
<i>Spain</i>	4,25	5,92	4,17	6,09	5,02	4,37	3,98	3,9	5,29	5,45	4,51	3,77
	4,614167	5,044167	5,204167	5,274167	4,724167	4,144167	4,344167	4,394167	4,834167	5,474167	4,344167	4,324167
<i>Oman</i>	5,29	5,04	6,56	5,88	4,33	4,86	4,66	4,74	4,26	3,55	4,38	3,44
	4,636667	5,066667	5,226667	5,296667	4,746667	4,166667	4,366667	4,416667	4,856667	5,496667	4,366667	4,346667
<i>Portugal</i>	4,28	5,5	3,87	6,19	5,98	4,31	3,8	3,71	5,27	4,34	4,17	3,86
	4,494167	4,924167	5,084167	5,154167	4,604167	4,024167	4,224167	4,274167	4,714167	5,354167	4,224167	4,204167
<i>Cyprus</i>	4,59	4,8	3,86	6,5	4,98	4,68	4,57	4,56	4,85	2,81	4,45	3,81
	4,425833	4,855833	5,015833	5,085833	4,535833	3,955833	4,155833	4,205833	4,645833	5,285833	4,155833	4,135833

<i>Lithuania</i>	4,01	4,74	4,57	6,05	5,15	4,36 3,863	4,41	3,86	5	3,53	4,16	3,51
	4,333333	4,763333	4,923333	4,993333	4,443333	333	4,063333	4,113333	4,553333	5,193333	4,063333	4,043333
<i>Korea</i>	3,98	5,92	6,25	6,49	5,52	4,75 4,362	4,35	4,06	5,7	5,6	3,88	2,84
	4,8325	5,2625	5,4225	5,4925	4,9425	5	4,5625	4,6125	5,0525	5,6925	4,5625	4,5425
<i>Slovenia</i>	4,05	4,91	4,94	6,29	5,2	4,42 3,892	4,15	3,29	4,96	3,46	4,18	3,85
	4,3625	4,7925	4,9525	5,0225	4,4725	5	4,0925	4,1425	4,5825	5,2225	4,0925	4,0725
<i>Island</i>	5,09	5,39	3,73	6,58	5,6	4,47 4,077	5,1	3,74	5,99	2,36	4,31	3,56
	4,5475	4,9775	5,1375	5,2075	4,6575	5	4,2775	4,3275	4,7675	5,4075	4,2775	4,2575
<i>Panama</i>	3,92	4,82	4,88	5,7	4,22	4,59 3,845	4,17	4,88	4,87	3,42	4,21	3,46
	4,315833	4,745833	4,905833	4,975833	4,425833	833	4,045833	4,095833	4,535833	5,175833	4,045833	4,025833
<i>Hungary</i>	3,7	3,39	5,15	5,89	4,67	4,28 3,873	4,27	4,05	4,43	4,25	4,71	4,68
	4,343333	4,773333	4,933333	5,003333	4,453333	333	4,073333	4,123333	4,563333	5,203333	4,073333	4,053333
<i>Malta</i>	4,61	4,91	4,6	6,34	4,93	4,62	4,14	5,11	5,59	2,38	4,27	3,43
	4,465	4,895	5,055	5,125	4,575	3,995	4,195	4,245	4,685	5,325	4,195	4,175
<i>Poland</i>	4,11	3,89	4,6	6,03	4,92	4,39 3,925	4,48	4,59	4,66	5,12	4,06	3,25
	4,395833	4,825833	4,985833	5,055833	4,505833	833	4,125833	4,175833	4,615833	5,255833	4,125833	4,105833
<i>Estonia</i>	4,94	4,72	6,01	6,21	5,17	4,73 4,0491	5,11	4,51	5,29	2,98	3,18	2,73
	4,519167	4,949167	5,109167	5,179167	4,629167	67	4,249167	4,299167	4,739167	5,379167	4,249167	4,229167
<i>Georgia</i>	4	4,35	4,4	5,79	3,82	4,18	4,67	3,79	3,71	2,87	5,71	5,42
	4,28	4,71	4,87	4,94	4,39	3,81	4,01	4,06	4,5	5,14	4,01	3,99
<i>Barbados</i>	5,06	5,58	3,32	6,41	5,38	4,29	4,75	4,66	5,14	1,97	4,39	3,56
	4,43	4,86	5,02	5,09	4,54	3,96	4,16	4,21	4,65	5,29	4,16	4,14
<i>Turkey</i>	3,98	4,38	4,86	5,78	4,15	4,55 3,842	3,79	4,46	4,29	5,28	4,25	3,33
	4,3125	4,7425	4,9025	4,9725	4,4225	5	4,0425	4,0925	4,5325	5,1725	4,0425	4,0225
<i>France</i>	4,83	6,28	4,64	6,31	5,14	4,47	4,41	4,73	5,72	5,76	2,93	2,35
	4,685	5,115	5,275	5,345	4,795	4,215	4,415	4,465	4,905	5,545	4,415	4,395
<i>Thailand</i>	3,82	4,62	5,55	5,56	4,35	4,56 3,857	4,32	4,46	3,56	5,04	4,25	3,19
	4,3275	4,7575	4,9175	4,9875	4,4375	5	4,0575	4,1075	4,5475	5,1875	4,0575	4,0375
<i>Latvia</i>	4,01	4,11	5,06	5,99	4,78	4,42 3,768	4,78	4,4	4,73	3,11	4,14	2,68
	4,238333	4,668333	4,828333	4,898333	4,348333	333	3,968333	4,018333	4,458333	5,098333	3,968333	3,948333
<i>South Africa</i>	4,42	4,13	4,67	3,93	3,98	4,68 3,772	3,94	5,72	4,01	4,85	4,38	3,55
	4,2425	4,6725	4,8325	4,9025	4,3525	5	3,9725	4,0225	4,4625	5,1025	3,9725	3,9525
<i>Mauritius</i>	4,59	4,32	4,41	5,85	4,29	4,8 3,6891	4,38	4,65	3,98	2,74	4,3	2,95
	4,159167	4,589167	4,749167	4,819167	4,269167	67	3,889167	3,939167	4,379167	5,019167	3,889167	3,869167
<i>Brazil</i>	3,78	4	4,73	5,43	4,27	3,94 3,778	4,39	4,45	4,43	5,63	3,97	3,31
	4,248333	4,678333	4,838333	4,908333	4,358333	333	3,978333	4,028333	4,468333	5,108333	3,978333	3,958333

<i>Croatia</i>	3,52	4,65	4,75	5,81	4,47	3,85	4	3,79	4,36	3,57	4,18	3,36
	4,08	4,51	4,67	4,74	4,19	3,61	3,81	3,86	4,3	4,94	3,81	3,79
<i>Kazakhstan</i>	3,96	4,05	6,07	5,37	4,37	4,24	4,18	3,49	4,2	4,14	3,96	3,41
	4,174167	4,604167	4,764167	4,834167	4,284167	3,704167	3,904167	3,954167	4,394167	5,034167	3,904167	3,884167
<i>Uruguay</i>	4,63	4,4	4,72	5,9	4,67	4,38	3,49	3,81	4,44	3,21	3,73	3,18
	4,100833	4,530833	4,690833	4,760833	4,210833	3,630833	3,830833	3,880833	4,320833	4,960833	3,830833	3,810833
<i>Jamaica</i>	3,62	3,59	3,89	5,19	4,12	4,19	4,32	4,3	3,8	2,86	5,8	5,54
	4,155833	4,585833	4,745833	4,815833	4,265833	3,685833	3,885833	3,935833	4,375833	5,015833	3,885833	3,865833
<i>Ukraine</i>	3,13	4,1	4,4	5,78	4,7	3,82	4,44	4,52	4,6	4,6	3,7	3,16
	4,133333	4,563333	4,723333	4,793333	4,243333	3,663333	3,863333	3,913333	4,353333	4,993333	3,863333	3,843333
<i>Italia</i>	3,56	5,19	4,23	6,27	4,73	4,29	3,72	3,57	4,71	5,63	3,82	3
	4,280833	4,710833	4,870833	4,940833	4,390833	3,810833	4,010833	4,060833	4,500833	5,140833	4,010833	3,990833
<i>Mexico</i>	3,59	4,03	5,21	5,71	4,11	4,2	4,01	4,15	3,8	5,58	4,26	3,33
	4,219167	4,649167	4,809167	4,879167	4,329167	3,749167	3,949167	3,999167	4,439167	5,079167	3,949167	3,929167
<i>Slovakia</i>	3,44	3,23	4,87	6,03	4,5	4,37	4,2	4,45	4,46	4	4,02	2,98
	4,1	4,53	4,69	4,76	4,21	3,63	3,83	3,88	4,32	4,96	3,83	3,81
<i>Colombia</i>	3,38	3,44	5,34	5,45	4,37	3,98	4,17	4,1	3,62	4,65	4,46	3,61
	4,101667	4,531667	4,691667	4,761667	4,211667	3,631667	3,831667	3,881667	4,321667	4,961667	3,831667	3,811667
<i>Sri Lanka</i>	4,24	4,13	3,66	5,99	4,06	4,33	3,66	4,46	3,45	3,79	4,6	3,32
	4,028333	4,458333	4,618333	4,688333	4,138333	3,558333	3,758333	3,808333	4,248333	4,888333	3,758333	3,738333
<i>Inm</i>	3,93	4,03	4,83	5,97	4,1	4	3,18	3,35	3,08	5,16	5,09	4,66
	4,169167	4,599167	4,759167	4,829167	4,279167	3,699167	3,899167	3,949167	4,389167	5,029167	3,899167	3,879167
<i>Azerbaijan</i>	3,98	3,94	6,05	5,08	3,91	4,31	4,08	3,73	4,04	3,51	3,91	3,45
	4,053333	4,483333	4,643333	4,713333	4,163333	3,583333	3,783333	3,833333	4,273333	4,913333	3,783333	3,763333
<i>Jordan</i>	4,5	4,17	3,94	5,84	4,49	4,5	4,02	4,11	3,82	3,23	3,58	2,92
	3,980833	4,410833	4,570833	4,640833	4,090833	3,510833	3,710833	3,760833	4,200833	4,840833	3,710833	3,690833
<i>Costa Rica</i>	4,13	3,8	4,68	5,82	4,78	4,3	4,51	3,67	4,45	3,35	3,28	2,71
	4,010833	4,440833	4,600833	4,670833	4,120833	3,540833	3,740833	3,790833	4,230833	4,870833	3,740833	3,720833
<i>China</i>	4,22	4,46	6,22	6,11	4,32	4,31	4,6	4,31	3,5	6,82	3,98	3,17
	4,555833	4,985833	5,145833	5,215833	4,665833	4,085833	4,285833	4,335833	4,775833	5,415833	4,285833	4,265833
<i>Indonesia</i>	3,86	3,75	5,68	5,69	4,17	4,29	3,87	4,07	3,56	5,27	3,68	3,25
	4,149167	4,579167	4,739167	4,809167	4,259167	3,679167	3,879167	3,929167	4,369167	5,009167	3,879167	3,859167
<i>Brunei</i>	4,86	4,2	7	6,16	4,4	4,22	5,07	4,27	3,95	2,39	3,62	2,98
	4,314167	4,744167	4,904167	4,974167	4,424167	3,844167	4,044167	4,094167	4,534167	5,174167	4,044167	4,024167
<i>Morocco</i>	4,12	4,14	4,62	5,53	3,58	4,27	3,84	4,12	3,71	4,11	3,8	2,95

						3,483							
	3,953333	4,383333	4,543333	4,613333	4,063333	333	3,683333	3,733333	4,173333	4,813333	3,683333	3,663333	
<i>Philippines</i>	3,57	3,19	5,33	5,31	4,3	4,17	4,01	4,25	3,65	4,26	4,23	2,97	
						3,520							
	3,990833	4,420833	4,580833	4,650833	4,100833	833	3,720833	3,770833	4,210833	4,850833	3,720833	3,700833	
<i>Botswana</i>	4,82	3,58	4,52	4,6	3,74	4,2	4,46	4,39	3,17	2,94	4,51	3,42	
						3,446							
	3,916667	4,346667	4,506667	4,576667	4,026667	667	3,646667	3,696667	4,136667	4,776667	3,646667	3,626667	
<i>Montenegro</i>	4,38	4,06	3,85	5,65	4,63	4,42	4,14	4,49	4,15	2,08	3,83	3,31	
	3,97	4,4	4,56	4,63	4,08	3,5	3,7	3,75	4,19	4,83	3,7	3,68	
<i>India</i>	3,91	3,6	4,25	5,27	3,97	4,21	4,24	4,9	3,36	6,36	4,3	3,61	
						3,7491							
	4,219167	4,649167	4,809167	4,879167	4,329167	67	3,949167	3,999167	4,439167	5,079167	3,949167	3,929167	
<i>Peru</i>	3,44	3,51	5,95	5,38	4,05	4,37	4,56	4,46	3,57	4,4	3,94	2,69	
						3,6108							
	4,080833	4,510833	4,670833	4,740833	4,190833	33	3,810833	3,860833	4,300833	4,940833	3,810833	3,790833	
<i>Bulgaria</i>	3,39	3,79	5,42	5,92	4,31	4,17	4,54	3,97	4,3	3,82	3,01	2,87	
						3,543							
	4,013333	4,443333	4,603333	4,673333	4,123333	333	3,743333	3,793333	4,233333	4,873333	3,743333	3,723333	
<i>Vietnam</i>	6,31	3,34	4,16	5,77	3,69	4,13	4,51	3,85	3,33	4,63	3,57	3,07	
						3,6141							
	4,084167	4,514167	4,674167	4,744167	4,194167	67	3,814167	3,864167	4,304167	4,944167	3,814167	3,794167	
<i>Trinidad</i>	3,59	4,3	6,09	5,85	4,2	3,92	3,97	4,17	4,06	2,8	3,76	2,9	
						3,5516							
	4,021667	4,451667	4,611667	4,681667	4,131667	67	3,751667	3,801667	4,241667	4,881667	3,751667	3,731667	
<i>Kenya</i>	3,43	3,09	3,39	4,58	3,59	4,1	4,62	4,74	3,27	3,52	4,99	4,94	
						3,4391							
	3,909167	4,339167	4,499167	4,569167	4,019167	67	3,639167	3,689167	4,129167	4,769167	3,639167	3,619167	
<i>Russia</i>	3,09	5,52	5,8	5,75	4,59	3,62	4,23	3,19	4,13	5,76	3,31	3,01	
						3,750							
	4,220833	4,650833	4,810833	4,880833	4,330833	833	3,950833	4,000833	4,440833	5,080833	3,950833	3,930833	
<i>Romania</i>	3,33	3,22	4,83	5,51	4,36	3,86	4,01	3,98	4,09	4,41	3,47	2,92	
						3,4166							
	3,886667	4,316667	4,476667	4,546667	3,996667	67	3,616667	3,666667	4,106667	4,746667	3,616667	3,596667	
<i>Honduras</i>	3,32	3,12	4,53	5,34	3,43	4,1	3,52	4,43	3,34	3,16	5,09	4,37	
						3,396							
	3,866667	4,296667	4,456667	4,526667	3,976667	667	3,596667	3,646667	4,086667	4,726667	3,596667	3,576667	
<i>Armenia</i>	3,9	3,71	4,5	5,53	4,22	4,22	4,72	3,97	3,4	2,62	3,7	2,89	
						3,365							
	3,835833	4,265833	4,425833	4,495833	3,945833	833	3,565833	3,615833	4,055833	4,695833	3,565833	3,545833	
<i>Macedonia</i>	3,8	3,65	5,04	5,59	4,04	4,28	4,13	3,97	3,81	2,85	3,44	2,83	
	3,84	4,27	4,43	4,5	3,95	3,37	3,57	3,62	4,06	4,7	3,57	3,55	
<i>Kuwait</i>	4,2	4,38	6,58	5,66	4,01	4,14	4,08	4	3,77	3,88	3,18	2,08	
						3,580							
	4,050833	4,480833	4,640833	4,710833	4,160833	833	3,780833	3,830833	4,270833	4,910833	3,780833	3,760833	
<i>Salvador</i>	3,02	3,93	4,18	5,38	3,45	4,21	3,86	3,95	3,26	3,23	4,2	3,93	
						3,300							
	3,770833	4,200833	4,360833	4,430833	3,880833	833	3,500833	3,550833	3,990833	4,630833	3,500833	3,480833	
<i>Seychelles</i>	4,25	4,71	4,55	5,95	4,98	4,27	4,54	3,79	3,88	1,38	3,74	2,98	
						3,502							
	3,9725	4,4025	4,5625	4,6325	4,0825	5	3,7025	3,7525	4,1925	4,8325	3,7025	3,6825	

<i>Bosnia</i>	3,64	3,44	4,31	5,93	4,18	3,92 3,3016	4,08	3,41	3,84	3,07	3,66	3,13
	3,771667	4,201667	4,361667	4,431667	3,881667	67	3,501667	3,551667	3,991667	4,631667	3,501667	3,481667
<i>Ruanda</i>	5,2	3,22	4,56	5,27	3,21	4,54 3,4316	5,1	4,44	3,04	2,28	3,91	3,4
	3,901667	4,331667	4,491667	4,561667	4,011667	67	3,631667	3,681667	4,121667	4,761667	3,631667	3,611667
<i>Greece</i>	3,37	4,7	2,42	6,04	4,74	3,92 3,4116	3,56	3,13	4,54	4,38	4,15	2,98
	3,881667	4,311667	4,471667	4,541667	3,991667	67	3,611667	3,661667	4,101667	4,741667	3,611667	3,591667
<i>Ecuador</i>	3,16	3,51	5,3	5,73	3,84	3,7	3,49	3,58	3,59	3,9	3,77	2,84
	3,755	4,185	4,345	4,415	3,865	3,285	3,485	3,535	3,975	4,615	3,485	3,465
<i>Guatemala</i>	3,25	3,79	4,56	5,34	3,52	4,29 3,2591	4,16	4,48	3,52	3,54	3,03	2,62
	3,729167	4,159167	4,319167	4,389167	3,839167	67	3,459167	3,509167	3,949167	4,589167	3,459167	3,439167
<i>Namibia</i>	4,19	4,18	4,5	4,44	3,14	4,16 3,2241	4,33	4,44	3,23	2,57	3,57	2,93
	3,694167	4,124167	4,284167	4,354167	3,804167	67	3,424167	3,474167	3,914167	4,554167	3,424167	3,404167
<i>Serbia</i>	3,16	3,78	3,91	5,73	3,97	3,57 3,2091	4,04	3,68	4,1	3,64	3,11	2,81
	3,679167	4,109167	4,269167	4,339167	3,789167	67	3,409167	3,459167	3,899167	4,539167	3,409167	3,389167
<i>Cameroon</i>	3,4	2,51	4,79	4,49	3,25	4,15 3,2591	4,48	3,64	2,73	3,18	4,84	4,64
	3,729167	4,159167	4,319167	4,389167	3,839167	67	3,459167	3,509167	3,949167	4,589167	3,459167	3,439167
<i>albania</i>	3,65	3,48	4,27	5,56	4,11	4,33 3,2491	4,4	3,38	3,69	2,89	3,59	2,63
	3,719167	4,149167	4,309167	4,379167	3,829167	67	3,449167	3,499167	3,939167	4,579167	3,449167	3,429167
<i>Dominican Republic</i>	3,21	3,02	4,17	5,13	3,69	3,97 3,1558	4	3,74	3,64	3,66	3,67	2,96
	3,625833	4,055833	4,215833	4,285833	3,735833	33	3,355833	3,405833	3,845833	4,485833	3,355833	3,335833
<i>Mongolia</i>	3,34	2,83	4,89	5,6	3,99	4,97	4,69	3,33	3,82	2,6	3,3	2,93
	3,745	4,175	4,335	4,405	3,855	3,275	3,475	3,525	3,965	4,605	3,475	3,455
<i>Ghana</i>	3,82	2,87	4,07	4,65	3,4	4,2 3,1458	4,08	4,21	3,13	3,57	3,74	3
	3,615833	4,045833	4,205833	4,275833	3,725833	33	3,345833	3,395833	3,835833	4,475833	3,345833	3,325833
<i>Argentina</i>	2,85	3,58	4,3	5,82	4,59	3,18 3,2741	3,29	3,18	3,85	4,94	3,72	2,98
	3,744167	4,174167	4,334167	4,404167	3,854167	67	3,474167	3,524167	3,964167	4,604167	3,474167	3,454167
<i>Egypt</i>	3,56	6,61	3,12	5,35	3,32	3,76 3,332	3,06	3,67	3,43	4,77	3,79	2,54
	3,8025	4,2325	4,3925	4,4625	3,9125	5	3,5325	3,5825	4,0225	4,6625	3,5325	3,5125
<i>Ethiopia</i>	3,83	2,65	3,92	4,56	2,67	3,79 3,267	4,18	3,24	2,48	3,64	5,49	5,75
	3,7375	4,1675	4,3275	4,3975	3,8475	5	3,4675	3,5175	3,9575	4,5975	3,4675	3,4475
<i>Moldova</i>	3,38	3,46	4,35	5,44	3,96	3,98 3,1341	4,26	3,65	3,91	2,51	3,3	2,4
	3,604167	4,034167	4,194167	4,264167	3,714167	67	3,334167	3,384167	3,824167	4,464167	3,334167	3,314167
<i>Zambia</i>	4,09	2,85	4,65	4,11	3,07	4,53 3,1258	3,97	4,42	2,96	2,71	3,84	3,3
	3,595833	4,025833	4,185833	4,255833	3,705833	33	3,325833	3,375833	3,815833	4,455833	3,325833	3,305833
<i>Gabon</i>	3,94	2,71	6,25	4,11	3,05	3,73	4,43	3,62	3,53	2,74	4,09	3,38

						3,2158						
	3,685833	4,115833	4,275833	4,345833	3,795833	33	3,415833	3,465833	3,905833	4,545833	3,415833	3,395833
<i>Senegal</i>	3,6	2,51	4,37	4,23	3,23	4,2	4,27	3,89	3,37	2,83	3,89	3,39
						3,065						
	3,535833	3,965833	4,125833	4,195833	3,645833	833	3,265833	3,315833	3,755833	4,395833	3,265833	3,245833
<i>Nigeria</i>	3,33	2,28	5,25	3,2	3,31	4,16	4,5	4,07	3,08	4,63	3,96	3,1
						3,1566						
	3,626667	4,056667	4,216667	4,286667	3,736667	67	3,356667	3,406667	3,846667	4,486667	3,356667	3,336667
<i>Lebanon</i>	3,22	2,46	3,32	6,18	4,7	4,57	4	4,1	3,39	3,59	2,68	2,44
						3,1383						
	3,608333	4,038333	4,198333	4,268333	3,718333	33	3,338333	3,388333	3,828333	4,468333	3,338333	3,318333
<i>Bolivia</i>	3,31	2,95	5,02	5,32	3,83	3,4	3,58	3,33	2,73	3,25	3,48	3,09
	3,495	3,925	4,085	4,155	3,605	3,025	3,225	3,275	3,715	4,355	3,225	3,205
<i>Cambodia</i>	3,84	3,08	4,39	2,25	3,32	4,42	4,78	4,11	3,28	3,15	3,52	3,09
	3,49	3,92	4,08	4,15	3,6	3,02	3,22	3,27	3,71	4,35	3,22	3,2
<i>Paraguay</i>	3	2,54	5,19	5,03	3,32	4,17	3,92	3,89	3,15	3,11	3,51	2,43
						3,022						
	3,4925	3,9225	4,0825	4,1525	3,6025	5	3,2225	3,2725	3,7125	4,3525	3,2225	3,2025
<i>Pakistan</i>	3,34	2,73	3,06	4,52	2,99	4,02	3,65	4,04	2,9	4,67	3,82	3,11
						2,988						
	3,458333	3,888333	4,048333	4,118333	3,568333	333	3,188333	3,238333	3,678333	4,318333	3,188333	3,168333
<i>Surinam</i>	3,59	3,74	4,32	5,52	3,57	3,7	4,1	3,6	3,19	1,74	3,41	2,62
						3,0091						
	3,479167	3,909167	4,069167	4,139167	3,589167	67	3,209167	3,259167	3,699167	4,339167	3,209167	3,189167
<i>Tanzania</i>	3,62	2,27	4,12	4,6	2,71	3,89	4,55	3,87	2,77	3,5	3,51	3,12
						2,9616						
	3,431667	3,861667	4,021667	4,091667	3,541667	67	3,161667	3,211667	3,651667	4,291667	3,161667	3,141667
<i>Nicaragua</i>	3,34	2,97	4,24	5,43	3,32	3,79	3,98	3,48	2,95	2,76	3,39	2,71
						2,947						
	3,4175	3,8475	4,0075	4,0775	3,5275	5	3,1475	3,1975	3,6375	4,2775	3,1475	3,1275
<i>Liberia</i>	4,31	2,77	4,51	5,1	3,3	4,54	4,45	4,03	2,62	1,24	3,99	3,34
						3,1008						
	3,570833	4,000833	4,160833	4,230833	3,680833	33	3,300833	3,350833	3,790833	4,430833	3,300833	3,280833
<i>Gambia</i>	4,67	3,61	3,58	4,17	3,77	4,1	4,72	4,07	3,13	1,42	3,4	2,6
						3,020						
	3,490833	3,920833	4,080833	4,150833	3,600833	833	3,220833	3,270833	3,710833	4,350833	3,220833	3,200833
<i>Kyrgyzstan</i>	2,92	2,59	3,41	5,18	3,66	3,78	4,36	3,42	2,63	2,58	3,89	3,25
	3,36	3,79	3,95	4,02	3,47	2,89	3,09	3,14	3,58	4,22	3,09	3,07
<i>Benin</i>	3,51	2,56	4,57	4,68	3,07	3,66	4,4	3,55	2,75	2,45	3,55	3,01
						2,897						
	3,3675	3,7975	3,9575	4,0275	3,4775	5	3,0975	3,1475	3,5875	4,2275	3,0975	3,0775
<i>Bangladesh</i>	3,2	2,22	4,24	5,2	2,88	4,1	3,91	3,74	2,74	4,36	3,5	2,47
						2,9641						
	3,434167	3,864167	4,024167	4,094167	3,544167	67	3,164167	3,214167	3,654167	4,294167	3,164167	3,144167
<i>Uganda</i>	3,49	2,27	3,83	4,35	2,86	3,15	4,83	4,14	2,93	3,22	3,52	3,02
	3,355	3,785	3,945	4,015	3,465	2,885	3,085	3,135	3,575	4,215	3,085	3,065
<i>Libya</i>	3,69	3,56	4,6	4,4	3,56	3,45	3,46	2,68	3,11	2,86	3,35	2,5
						2,852						
	3,3225	3,7525	3,9125	3,9825	3,4325	5	3,0525	3,1025	3,5425	4,1825	3,0525	3,0325
<i>Guyana</i>	3,5	2,91	4,04	5,29	3,97	4,17	4,23	3,87	3,39	2,03	2,77	2,05

						2,935						
	3,405833	3,835833	3,995833	4,065833	3,515833	833	3,135833	3,185833	3,625833	4,265833	3,135833	3,115833
<i>Kotidinar</i>	3,16	3,1	3,48	3,4	2,11	3,78	4,38	3,65	3,32	3,05	3,66	3,12
						2,768						
	3,238333	3,668333	3,828333	3,898333	3,348333	333	2,968333	3,018333	3,458333	4,098333	2,968333	2,948333
<i>Mali</i>	3,31	2,96	4,59	3,36	2,77	3,87	3,89	3,53	2,9	2,57	3,22	2,99
						2,747						
	3,2175	3,6475	3,8075	3,8775	3,3275	5	2,9475	2,9975	3,4375	4,0775	2,9475	2,9275
<i>Cabo Verde</i>	4,07	2,8	3,8	5,66	3,65	3,93	3,73	3,37	3,43	1,25	3,04	2,74
						2,873						
	3,343333	3,773333	3,933333	4,003333	3,453333	333	3,073333	3,123333	3,563333	4,203333	3,073333	3,053333
<i>Malawi</i>	3,82	2,19	3,3	4,3	2,81	3,86	4,58	4	2,54	2,41	3,38	2,94
						2,7616						
	3,231667	3,661667	3,821667	3,891667	3,341667	67	2,961667	3,011667	3,451667	4,091667	2,961667	2,941667
<i>Venezuela</i>	2,36	2,64	3,66	5,49	4,24	2,78	2,88	3,11	3,25	4,5	3,11	2,44
						2,7891						
	3,259167	3,689167	3,849167	3,919167	3,369167	67	2,989167	3,039167	3,479167	4,119167	2,989167	2,969167
<i>Nepal</i>	3,26	1,81	4,85	4,69	2,84	3,78	3,75	3,81	2,63	2,98	3,21	2,42
						2,753						
	3,223333	3,653333	3,813333	3,883333	3,333333	333	2,953333	3,003333	3,443333	4,083333	2,953333	2,933333
<i>Swaziland</i>	3,61	3,17	3,6	3,57	2,95	3,92	3,87	3,92	2,69	2	3,26	2,33
						2,658						
	3,128333	3,558333	3,718333	3,788333	3,238333	333	2,858333	2,908333	3,348333	3,988333	2,858333	2,838333
<i>Madagascar</i>	2,94	2,13	4,33	4,68	2,67	3,84	4,5	2,88	2,54	2,66	3,28	2,88
	3,165	3,595	3,755	3,825	3,275	2,695	2,895	2,945	3,385	4,025	2,895	2,875
<i>Zimbabwe</i>	3,5	2,4	3,77	4,47	3,14	3,63	3,4	3,6	2,83	1,9	3,21	2,59
						2,620						
	3,090833	3,520833	3,680833	3,750833	3,200833	833	2,820833	2,870833	3,310833	3,950833	2,820833	2,800833
<i>Mozambique</i>	3,35	2,36	3,66	3,52	2,39	3,77	3,72	3,09	2,8	2,86	3,14	2,63
	2,995	3,425	3,585	3,655	3,105	2,525	2,725	2,775	3,215	3,855	2,725	2,705
<i>Mauritania</i>	3,29	2,82	4,4	3,88	2,23	3,58	3,6	3,04	2,75	2,07	3,35	2,68
						2,558						
	3,028333	3,458333	3,618333	3,688333	3,138333	333	2,758333	2,808333	3,248333	3,888333	2,758333	2,738333
<i>Algeria</i>	2,66	3,16	5,71	5,37	3,38	2,99	2,79	2,39	2,59	4,34	2,54	2,09
						2,7516						
	3,221667	3,651667	3,811667	3,881667	3,331667	67	2,951667	3,001667	3,441667	4,081667	2,951667	2,931667
<i>Burkina Faso</i>	3,66	2,18	4,48	3,48	2,5	3,8	4,42	3,43	2,52	2,64	2,67	2,17
	3,05	3,48	3,64	3,71	3,16	2,58	2,78	2,83	3,27	3,91	2,78	2,76
<i>Ciud</i>	2,73	1,89	5,12	2,85	2,34	3,08	4,12	3,01	2,23	2,7	4,24	3,5
						2,568						
	3,038333	3,468333	3,628333	3,698333	3,148333	333	2,768333	2,818333	3,258333	3,898333	2,768333	2,748333
<i>Lesotho</i>	3,3	2,5	3,93	3,54	2,65	3,97	3,92	3,36	2,53	1,86	3,11	2,33
						2,598						
	3,068333	3,498333	3,658333	3,728333	3,178333	333	2,798333	2,848333	3,288333	3,928333	2,798333	2,778333
<i>Guinea</i>	3,18	1,86	2,63	3,52	2,6	3,71	4,49	3,07	2,45	2,37	3,97	3,11
						2,497						
	2,9675	3,3975	3,5575	3,6275	3,0775	5	2,6975	2,7475	3,1875	3,8275	2,6975	2,6775
<i>Timore</i>	3,45	2,27	5,29	4,09	2,75	2,69	4,29	2,68	2,62	1,8	3,05	2,41
						2,533						
	3,003333	3,433333	3,593333	3,663333	3,113333	333	2,733333	2,783333	3,223333	3,863333	2,733333	2,713333

Source: *Authors*