

**TABLE 1
GLOBAL DEVELOPMENT 1980's**

TRADE BLOC	X1	Level	X2	Level	X3	Level	X4	Level	RGD	LEVEL	RIS	LEVEL
EU	0.75	D	0.7	D	0.68	D	0.65	D	0.48	Initial	0.7	D
NAFTA	0.55	d	0.45	d	0.75	D	0.65	D	0.38	Initial	0.6	d
ASEAN	0.25	UD	0.2	UD	0.3	UD	0.2	UD	0.06	Initial	0.24	UD
MERCOSUR	0.18	UD	0.25	UD	0.35	d	0.3	d	0.08	Initial	0.28	UD
CACM	0.07	UD	0.1	UD	0.07	UD	0.1	UD	0.01	Initial	0.11	UD
ANDEAN GROUP	0.11	UD	0.15	UD	0.15	UD	0.05	UD	0.01	Initial	0.12	UD
GLOBAL DEVELOPMENT 1990's												
TRADE BLOC	X1	Level	X2	Level	X3	Level	X4	Level	IGD	LEVEL	RIS	LEVEL
EU	0.9	D	0.8	D	0.8	D	0.85	D	0.72	Expan	0.85	D
NAFTA	0.67	D	0.6	d	0.85	D	0.75	D	0.51	Expan	0.64	D
ASEAN	0.35	d	0.25	UD	0.25	d	0.35	d	0.11	Expan	0.21	UD
MERCOSUR	0.35	d	0.27	UD	0.5	d	0.3	d	0.15	Expan	0.39	d
CACM	0.3	UD	0.21	UD	0.27	UD	0.3	UD	0.09	Expan	0.28	UD
ANDEAN GROUP	0.35	d	0.2	UD	0.3	d	0.2	UD	0.1	Expan	0.31	UD

EU: EUROPEAN UNION

NAFTA: NORTH AMERICA FREE TRADE AREA

ASEAN: ASSOCIATION OF SOUTHEAST ASIAN NATIONS

CACM: CENTAL AMERICA COMMON MARKET

X1: REGIONAL GLOBAL POLITICS DEVELOPMENT

X2: REGIONAL GLOBAL SOCIAL DEVELOPMENT

X3: REGIONAL GLOBAL ECONOMIC DEVELOPMENT

X4: REGIONAL GLOBAL TECHNOLOGY DEVELOPMENT

RGD: REGIONAL GLOBAL DEVELOPMENT

RIS: REGIONAL INTEGRATION LEVEL

D: DEVELOPED STAGE

d: DEVELOPING STAGE

UD: UNDER-DEVELOPED STAGE

TABLE 2
MULTI-INPUT DATABASE TABLE: POLITICAL DEVELOPMENT AREA OF THE TRADE BLOC "XYZ"

CODE	TRADE BLOC NAME					COUNTRY					Result	
	POLITICAL FACTORS LIST					C1	C2	C3	C4CN	AS	TPR
P.1.	External factors											
P.1.1.	Colonization (country)	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ1	5	
P.1.2.	Group negotiation power	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ2	5	
P.1.3.	External political influence	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ3	5	
P.1.4.	Domestic foreign policy influences											
P.1.4.1.	Regional	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ4	5	
P.1.4.2.	Global	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ5	5	
P.1.5.	Negotiation style	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ6	5	
P.2.	Internal factors											
P.2.1.	International organizations support	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ7	5	
P.2.2.	Regional integration model	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ8	5	
P.2.3.	Regional institutions role	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ9	5	
P.2.4.	Political regime	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ10	5	
P.2.5.	Legislative background	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ11	5	
P.2.6.	Internal security	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ12	5	
P.2.7.	Human rights	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ13	5	
P.2.8.	Border problems	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ14	5	
P.2.9.	Political stability	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ15	5	
P.2.10.	Official political party in the gov.	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ16	5	
P.2.11.	Political structure and public administr	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ17	5	
P.2.12.	Type of government	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ18	5	
P.2.13.	Army size	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ19	5	
P.2.14.	Bureaucracy level	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	1 or 0	Σ20	5	
TOTAL										ΣAS	ΣTPR	
TOTAL (%)										AP	100%	

AS= ACTUAL SITUATION
TPR = TOTAL OF POSSIBLE RESULTS
ΣI= GLOBAL DEVELOPMENT

MEASURES:
Σ1.....N = The total sum of all country at the same region
ΣAS = The sum of actual situation
ΣTPR= Total of possible results
Xi = ΣAS x 100 / Σ TPR

TABLE 3
THE INTRA-REGIONAL POLITICAL PARAMETERS

CODE	POLITICAL FACTORS LIST		PARAMETERS	
	VARIABLES		Description	
P.1.	External factors		Limit	
P.1.1.	Colonization (country)	1= Exist or 0= NE	Short colonization period less than 50 years	
P.1.2.	Group negotiation power	1= 0 or 0= S	No. of activities per year under regional level	
P.1.3.	External forces into national politics	1= L or 0= H	Number of intervention cases from overseas	
P.1.4.	Foreign policy orientation in each member			
P.1.4.1.	Regional	1= H or 0= L	Foreign affairs policy attention focus	
P.1.4.2.	Global	1= H or 0= L	Foreign affairs policy attention focus	
P.1.5.	Negotiation style	1= F or 0= I	Procedures of style negotiations	
P.2.	Internal factors		Limit	
P.2.1.	International organizations support	1= H or 0= L	Number of international organizations	
P.2.2.	Regional integration model	1= NR or 0= TR	Regional integration model focus	
P.2.3.	Intra-Regional institutions number	1= S or 0= L	Number of institutions and activities	
P.2.4.	Political regime	1= D or 0= ND	If exist democracy at the last 15 years	
P.2.5.	Legislative background	1= E or 0= NE	Law system exist	
P.2.6.	Internal security	1= H or 0= L	Most safe 50 countries around the world	
P.2.7.	Human rights	1= H or 0= L	Human rights first 50 countries around the world	
P.2.8.	Border problems	1= Ne or 0= E	Border problems at the last 30 years	
P.2.9.	Political stability	1= H or 0= L	Exist democratic elections at the last 20 years	
P.2.10.	Official political party in the gov.	1= S or 0= L	Number of political parties in this country	
P.2.11.	Public administration	1= F or 0= U	Based on taxation system structure	
P.2.12.	Type of government	1= P or 0= Par	Government system at the last 30 years	
P.2.13.	Army size	1= L or H= 0	Less of the 10% of all population in this country	
P.2.14.	Bureaucratic level	1= L or H= 0	Less than 15% of all population is working at the gov.	

OR= Old Regionalism
NR= New Regionalism
FTA= Free Trade Area
CU= Custom Union
D= Democratic
ND= Non Democratic
NE= Non Exist
E= Exist
R= Right
L= Left
U= Unitary
F= Federalism
P= Presidential
Par= Parliamentary

Note: *We are using in all QT measure, the average variation rate by decade
(e.g. Variation rate between 1960's and 1970's to analyzing decade of 1970 s)

TABLE 4
MULTI-INPUT DATABASE TABLE: SOCIAL DEVELOPMENT AREA OF THE TRADE BLOC "XYZ"
TRADE BLOC NAME

CODE	SOCIAL FACTORS LIST		COUNTRY					RESULT		
	VARIABLES		C1	C2	C3	C4	C4	.....CN	AS	TPR
S.1.	Literacy		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ1	5
S.2.	Society structure		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ2	5
S.3.	Religions		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ4	5
S.4.	Society values		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ5	5
S.5.	Minorities		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ6	5
S.6.	Society adaptability		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ7	5
S.7.	Social problems (crime & drugs)		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ8	5
S.8.	Health and medical programs		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ9	5
S.9.	External culture influence		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ10	5
S.10.	Language		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ12	5
S.11.	Food security		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ13	5
S.12.	Public education		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ14	5
S.13.	Low cost housing projects		1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	1.0.0	Σ15	5
TOTAL									ΣAS	ΣTPR
TOTAL (%)									AP	100%

AS= ACTUAL SITUATION
TPR = TOTAL OF POSSIBLE RESULTS
X= GLOBAL DEVELOPMENT

MEASURES:

Σ1.....N = The total sum of all country at the same region
ΣAS = The sum of actual situation
ΣTPR = Total of possible results
X = ΣAS x 100 / Σ TPR

TABLE 5
THE INTRA-REGIONAL SOCIAL PARAMETERS

CODE	SOCIAL FACTORS LIST		LIMIT	PARAMETERS
	VARIABLES			
S.1.	Literacy		1= high or 0 = low	> 70% of total population has education
S.2.	Society structure		1= H or 0 = M	Number of races or ethnical groups
S.3.	Religions		1 = mono or 0 = poli.	Exist any religion such as society values
S.4.	Society behavior		1 = C or 0 = I	Grouping work behaviour
S.5.	Minorities		1 = low or 0 = high	Number of minorities
S.6.	Society adaptability		1= M or 0 = T	Behavior parameters under observation
S.7.	Social problems (crime & drugs)		1= low or 0= high	Out of the country list with higher crime and drugs
S.8.	Health and medical programs		1= high or 0 = low	> 45% total of population has health care
S.9.	External culture influence		1= high or 0 = low	T.V. international programs and local programs
S.10.	Language		1= One L or 0= Many	> 25% English or common language
S.11.	Food security		1= Exist or 0 = NE	Programs in food security
S.12.	Public education		1=high or 0 = low	Number of public schools and universities
S.13.	Low cost housing projects		1=high or 0 = low	Number of public housing projects

H= Homogeneous
M=Multiculture
W= West
E= East
I= Individual
C= Collective
M= Modern
T= Traditional
NE= Non exist

Note: * We are using in all QT measure, the average variation rate by decade
(e.g. Variation rate between 1960's and 1970's to analyzing decade of 1970's)

TABLE 6: MULTINPUT DATABASE TABLE: ECONOMIC AREA OF THE TRADE BLOC 'XYZ'

CODE	ECONOMICS FACTORS LIST	TRADE BLOC NAME										RESULT		
		C1	C2	C3	C4	.....CN	AS	TPR						
E.1.	Production													
E.1.1.	GDP structure by sector	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.1.1.	Agriculture	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.1.2.	Industry	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.1.3.	Services	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.2.	GDP (%)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.3.	Natural resources	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.4.	Market location	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.5.	Economic development stage	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.6.	Subsidies level	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.7.	Environmental protection	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.8.	Industrial concentration in large cities	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.9.	Export Gross	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.10.	Oil production and energy resources	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.1.11.	Copyright regulations.	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.2.	Consumption													
E.2.1.	Income Per-capita	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.2.2.	Buyer purchase	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.2.3.	Market size	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.2.4.	Poverty level	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.2.5.	Inflation rate	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.2.6.	Wealth distribution	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.2.7.	Saving rate level	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.2.8.	Customers services	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.3.	Trade													
E.3.1.	Intra-regional trade volume	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.3.2.	Extra-regional trade volume	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.3.3.	Intra-regional tariff application	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.3.4.1.	Tariff barriers level	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.3.5.1.	Non tariff barriers level	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.3.6.	Opening Economy to the world	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.3.7.	Monopoly controls	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.4.	Labor													
E.4.1.	International social division	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.4.2.	Labor concentration	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.4.2.1.	Urban	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.4.2.2.	Rural	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.4.3.	Immigration level	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.4.4.	Emigration level	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.4.5.	Population growth	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.4.6.	Labor qualification	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.4.7.	Labor productivity	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.5.	Investment													
E.5.1.	Domestic Direct Investment -DDI-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.5.2.	Intra-regional Direct Investment -IDI-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.5.3.	Foreign Direct Investment -FDI-	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.5.4.	Privatization process	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.5.5.	Interest rate	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.5.6.	Exchange rate stability	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.5.7.	Stock market activity	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TABLE 7: INTRA-REGIONAL ECONOMICS PARAMETERS

CODE	ECONOMICS FACTORS LIST	PARAMETERS	Limit	Source
E.1.	Production			
E.1.1.	GDP structure by sector			
E.1.1.1.	Agriculture		= high or 0= low	Rate variation between two periods
E.1.1.2.	Industry		= high or 0= low	Rate variation between two periods
E.1.1.3.	Services		= high or 0= low	Rate variation between two periods
E.1.2.	GDP (%)		= high or 0= low	GDP real > 2%
E.1.3.	Natural resources		= high or 0= low	Agriculture line < 50%
E.1.4.	Market location		= high or 0= low	Gravity model results
E.1.5.	Economic development stage		= C or 0= Fsr	World Bank Classification based on income
E.1.6.	Subsidies level		= Developed or 0= devel.	Free of subsidies or < 10% of production has subs.
E.1.7.	Environmental protection		= low or 0= high	Exist a legal framework can protect environmental
E.1.8.	Industrial concentration in large cities		= low or 0= high	< 45% of the industry is concentrated at capital city
E.1.9.	Export Gross		= HAV or 0= LAV	Rate variation between two periods
E.1.10.	Oil production and energy resources		= high or 0= low	Country can generate 40% of the total energy
E.1.11.	Copyright regulations.		= high or 0= low	Exist a legal framework can protect copyright issues
E.2.	Consumption			
E.2.1.	Income Per-capita		= high or 0= low	Amount of income > US\$ 1,500 per year
E.2.2.	Buyer purchase		= high or 0= low	Table of buyer purchase by country based on a list
E.2.3.	Market size		= large or 0= small	> 5 millions Population level
E.2.4.	Poverty level		= low or 0= high	< 25% in the poverty line
E.2.5.	Inflation rate		= low or 0= high	rate of inflation < 5% annual
E.2.6.	Wealth distribution		= low or 0= high	Gini coefficient by country and region
E.2.7.	Saving rate level		= high or 0= low	Amount of private deposits, variation rate
E.2.8.	Customers services		= high or 0= low	Exist a legal framework that protect customer
E.3.	Trade			
E.3.1.	Intra-regional trade volume		= high or 0= low	Variation rate of trade volume (export and import)
E.3.2.	Extra-regional trade volume		= high or 0= low	Variation rate of trade volume (export and import)
E.3.3.	Intra-regional tariff application			
E.3.4.1.	Tariff barriers level		= high or 0= low	Percentage of tariff barriers average variation rate
E.3.5.1.	Non tariff barriers level		= high or 0= low	Number of cases apply Non-trade barriers
E.3.6.	Opening Economy to the world		= high or 0= low	Index of freedom market between the first 50 countries
E.3.7.	Monopoly controls		= high or 0= low	Index of Anti-trust law report (the first 50 countries)
E.4.	Labor			
E.4.1.	International social division		= high or 0= low	Industrial and Services sector < 60%
E.4.2.	Labor concentration			
E.4.2.1.	Urban		= high or 0= low	Variation rate of the urban labor concentration
E.4.2.2.	Rural		= low or 0= high	Variation rate of the rural labor concentration
E.4.3.	Immigration level		= low or 0= high	Variation rate of the number of immigrants per year
E.4.4.	Emigration level		= high or 0= low	Variation rate of the number of emigrants per year
E.4.5.	Population growth		= low or 0= high	Percentage of population growth < 2%
E.4.6.	Labor qualification		= low or 0= high	Rate variation of students was graduated (Universities)
E.4.7.	Labor productivity		= high or 0= low	Index of productivity first 50 countries around the world
E.5.	Investment			
E.5.1.	Domestic Direct Investment -DDI-		= high or 0= low	Rate variation between two periods
E.5.2.	Intra-regional Direct Investment -IDI-		= high or 0= low	Rate variation between two periods
E.5.3.	Foreign Direct Investment -FDI-		= high or 0= low	Rate variation between two periods
E.5.4.	Privatization process		= high or 0= low	Number of privatizations projects
E.5.5.	Interest rate		= low or 0= high	Rate variation between two periods
E.5.6.	Exchange rate stability		= high or 0= low	Rate variation between two periods
E.5.7.	Stock market activity		= high or 0= low	Rate variation between two periods

TABLE 6: MULTINPUT DATABASE TABLE: ECONOMIC AREA OF THE TRADE BLOC "XYZ"

CODE	ECONOMICS FACTORS LIST	TRADE BLOC NAME										RESULT			
		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	AS	TPR		
E.6	Infrastructure	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.6.1	Domestic physical infrastructure	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.6.2	Transportation system	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.6.3	Intra-regional physical projects	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.6.4	Tourism facilities	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.6.5	Telecommunications	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.6.6	Electricity production	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.7	Government	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.7.1	Taxation	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.7.1.1	Indirect	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.7.1.2	Direct	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.7.2	Domestic debt	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.7.3	Foreign debt	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.7.4	Government expenditures	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.7.4.1	Operational and administrative	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.7.4.2	Investment	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.7.5	Trade promotion expenditures	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.7.6	Corruption level	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.7.7	Planning economy (medium run)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.8	International cooperation	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.8.1	Financial	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E.8.2	Technical	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
TOTAL															
TOTAL (%)															

AS= ACTUAL SITUATION
 TPR = TOTAL OF POSSIBLE RESULTS
 XI= GLOBAL DEVELOPMENT

MEASURES:
 ZAS= The total sum of all country at the same region
 ZAS= The sum of actual situation
 ZTPR= Total of possible results
 XI= ZAS x 100 / ZTPR

TABLE 7: INTRA-REGIONAL ECONOMICS PARAMETERS

CODE	ECONOMICS FACTORS LIST	PARAMETERS
E.6	Infrastructure	
E.6.1	Domestic physical infrastructure	1= high or 0= low
E.6.2	Transportation system	1= cheap or 0=exp.
E.6.3	Intra-regional physical projects	1= high or 0= low
E.6.4	Tourism facilities	1= high or 0= low
E.6.5	Telecommunications	1= high or 0= low
E.6.6	Electricity production	1= high or 0= low
E.7	Government	
E.7.1	Taxation	
E.7.1.1	Indirect	1= high or 0= low
E.7.1.2	Direct	1= high or 0= low
E.7.2	Domestic debt	1= high or 0= low
E.7.3	Foreign debt	1= high or 0= low
E.7.4	Government expenditures	
E.7.4.1	Operational and administrative	1= high or 0= low
E.7.4.2	Investment	1= high or 0= low
E.7.5	Trade&Tourism promotion expenditures	1= high or 0= low
E.7.6	Corruption level	1= high or 0= low
E.7.7	Planning economy (medium run)	1= high or 0= low
E.8	International cooperation	
E.8.1	Financial	1= high or 0= low
E.8.2	Technical	1= high or 0= low

QL= Qualitative Variable
 QT= Quantitative Variable
 %= Percentage
 S= Strategic
 NS= Non Strategic
 D= Developed Country
 DIngr= Developing Country
 LDC= Less Developed Country
 E= Exist
 NE= Non exist

Note: *We are using in all QT measure, the average variation rate by decade (eg. Variation rate between 1960's and 1970's to analyzing decade of 1970's)

TABLE 8
MULTI-INPUT DATABASE TABLE: TECHNOLOGY DEVELOPMENT AREA (PARAMETERS)

CODE	TRADE BLOC NAME										RESULT	
	COUNTRY										AS	TPR
TECHNOLOGY FACTORS LIST	C1	C2	C3	C4	.....	CN	AS	TPR			
T.1. Technology (R&D) level	1.00	1.00	1.00	1.00	1.00	1.00	Σ1	5				
T.2. Internet hosts	1.00	1.00	1.00	1.00	1.00	1.00	Σ2	5				
T.3. Software production	1.00	1.00	1.00	1.00	1.00	1.00	Σ3	5				
T.4. Internet access	1.00	1.00	1.00	1.00	1.00	1.00	Σ4	5				
T.5. Telecommunications (mobile phones)	1.00	1.00	1.00	1.00	1.00	1.00	Σ5	5				
T.6. Research institutes	1.00	1.00	1.00	1.00	1.00	1.00	Σ6	5				
T.7. Biotechnology advances	1.00	1.00	1.00	1.00	1.00	1.00	Σ7	5				
T.8. Import of new technologies	1.00	1.00	1.00	1.00	1.00	1.00	Σ8	5				
T.9. R&D public investment	1.00	1.00	1.00	1.00	1.00	1.00	Σ9	5				
T.10. Technology information development	1.00	1.00	1.00	1.00	1.00	1.00	Σ10	5				
TOTAL							ΣAS	ΣTPR				
TOTAL (%)							AP	100%				

AS= ACTUAL SITUATION
TPR = TOTAL OF POSSIBLE RESULTS
XI= GLOBAL DEVELOPMENT

MEASURES:
Σ1.....N = The total sum of all country at the same region
ΣAS = The sum of actual situation
ΣTPR= Total of possible results
XI = ΣAS x 100 / Σ TPR

TABLE 9
THE INTRA-REGIONAL TECHNOLOGY PARAMETERS

CODE	TECHNOLOGY FACTORS LIS		PARAMETERS
	VARIABLES	DESCRIPTION	
T.1.	Technology (R&D) level	1 = High or 0 = low	Number of technological parks and Institutes
T.2.	Internet hosts	1 = High or 0 = low	Number of WEB's
T.3.	Software production	1 = High or 0 = low	Number of software companies
T.4.	Internet access	1 = High or 0 = low	Internet access per habitant
T.5.	Telecommunications (mobile phones)	1 = High or 0 = low	Percentage of population using hand phone
T.6.	Research institutes	1 = High or 0 = low	Number of Universities and research inst.
T.7.	Biotechnology advances	1 = High or 0 = low	Number of Universities and research inst.
T.8.	Import of new technologies	1 = High or 0 = low	Percentage of capital goods import
T.9.	R&D public investment	1 = High or 0 = low	Number of Public Universities and Research inst.
T.10.	Technology information development	1 = High or 0 = low	Number of technology information companies

Note: * We are using in all QT measure, the average variation rate by decade
(e.g. Variation rate between 1960's and 1970's to analyzing decade of 1970's)