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The Influence of Governance Mechanisms on the Banking Performance: Comparison between the Model Franco-Italian and the Model Germano-Nippon

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8 Abstract

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The goal of this research is to treat the influence of governance mechanisms on the banking 9 performance in two systems of governance universal. There are three models of governance 10 virtually universal. We are going to put the light on the model germano-Nippon and the 11 model Franco-Italian and on the measures of the performance. Then, we will analyze the 12 effects that exercise internal governance mechanisms on the social performance of banks 13 belong to the context germano-Nippon and the context Franco-Italian. To estimate the 14 performance, we retained three performance measures that are ROA, ROE and MTB, and to 15 apprehend the governance we retained the council of administration, its size, its independence 16 and the concentration of capital. In order to study the impact of the internal governance on 17 the banking performance in the context germano-Nippon and the context Franco-Italian. In 18 this framework, we have produced mixed results, which differ from one context to another. 19

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Index terms — governance, performance, the system of governance germano-Nippon, the system of governance
 Franco-Italian.

23 1 Introduction

he banking sector plays an important role dans financial stability. Given the vital role that it plays and its
specificities by report to the ordinary firm, the Bank has specific governance mechanisms. Also, each country
adapts a governance system adapts to its policies.

Practically, there are three models of the governance system; who are the Anglo-Saxon model, model germano-Nippon and the model Franco-Italian. The laws that guide the functions of the Bank vary from one country to another which causes a difference between the influence of governance mechanisms on the performance of banking. Our research work, we will analyze and compare the influence of the mechanisms of internal governance

on the social performance of banks in the context Germano Nippon and the context Franco-Italian.

32 **2 II.**

³³ 3 Review of the Literature a) The performance

The performance is defined by Machesnay (1991) by the degree of achievement of the goal sought. The performance of the Bank is one of the privileges all stakeholders leaders, investors or employees. It is a goal to arrive. Therefore, several researchers have studied the performance of the bank and they find that it is attached to the effective governance mechanisms to achieve good profitability and improve it.

7 C) FEW EMPIRICAL STUDIES CONCERNING THE IMPACT OF GOVERNANCE ON THE BANKING PERFORMANCE

³⁸ 4 The performance measures

According Amblard ??2006), "the measure of performance is an essential dimension in any organization whose existence depends on the efficiency. The concept is however far from one-dimensional". Therefore, the performance may be economic, financial, social, environmental, etc., ... Therefore, the increase in the number of dimensions generates an increase of the indicators to measure these dimensions.

The bank or any organization seeks to improve their performance, but it must measure the performance to be able to measure the differences between performance through time.

The performance can be measured quantitatively or qualitatively since it has several dimensions. Therefore, the assessment of the performance can be at various levels as social, environmental, economic, scholar and financial. Also, the effectiveness and efficiency of the Bank can be measured through reports. To measure the effectiveness, we use the report between the result obtained and the objective. To measure the efficiency, we report the result obtained to the means applied.

⁵⁰ 5 b) The Governance

For Charreaux (1997), the governance is expressed by a set of "organizational mechanisms having for effect to 51 delineate the powers and to influence the decision of the leaders.". In another way, governance it is a power born 52 between the hands of the mechanisms to manage the actions of the leaders in favor the organization. Therefore, 53 in order to maximize the performance, the board of directors is required to confine the powers of leader and 54 guide its strategies in the interest of the firm. More, Zingales (2000) has announced that governance refers to 55 "a set of laws and rules which govern the operation of the firm." In this framework, for having a good operation 56 of the firm, he must have good laws and rules. Therefore, a good governance creates a good operation of the 57 Bank. Therefore, the governance mechanisms are responsible for the operation of the Bank. The main universal 58 59 systems of governance

60 ? The system oriented market (the Model Anglo-Saxon)

The system oriented market is characterized by a developed financial market which presents the dynamo of funding systems, discipline of the behaviors of leaders and of the monitoring. This system is applied in the United States and Great Britain. In this context, the banks have a low detention of actions in the firms. Therefore, the

banks in a context anglo-saxon play their ordinary roles. In this model, the shareholders have a great importance
 in the firm.

66 ? The system network oriented (the Model germano-Nippon)

The system network oriented SE differs from the system oriented market by the term universal bank. The system oriented market has of commercial banks and investment banks. Moerland (1995) stipulates that Germany, Japan and a few Latin countries are the paramount countries which practice the system oriented-network which

is also named the model germano-Nippon. In this context, these countries promote a banking sector powerful
 and important to finance the economic agents.

⁷² 6 ? The intermediate system (the Model Franco-Italian)

73 The intermediate system is also named the model Franco-Italian is strongly practiced within France and Italy.
74 The hybrid system is characterized by the presence of the State in shaping the governance. Then, the system
75 Franco-Italian is located between the systems markets and network systems. This median system is characterized
76 by the intervention of the State.

77 C) Few empirical studies concerning the impact of governance 78 on the banking performance

The influence of internal mechanisms of governance on the banking performance remains little study. Moreover,
we will deal with the impact of the Council of Administration and of the ownership structure on the performance.
? The impact of the Board of Directors on the Bank performance Moreover, we will deal with the impact of
size of the Council on the performance and the impact of the Duality on the performance.

The impact of the size of the Board of Directors on the Bank performance ??asndres and Vallelado (2008) find that the function between the size of the Board of Directors and the banking performance is not linear and its curve takes the form of a U overthrown. Adams and Mehran (2003) postulate that the banks that have boards of directors of large size have performance more raised that banks with advice from smalls sizes.

87 It is a good idea to check the conclusions of these studies by the following hypothesis: H11: The size of 88 the board of directors has a positive impact on the performance of the banks in a context germano-Nippon. 89 H12: The size of the board of directors has a negative impact on the performance of the banks in a context 90 Franco-Italian. The impact of the presence of institutional investors to the Council on the banking performance Similarly, Agrawal and Knoeber (1996) find that the institutional investors looking to stay in the board of 91 directors in order to monitor the more possible the affairs of the manager. Subsequently, their presence in the 92 Council of Administration allows you to vote dans the decisions of recruitment, remuneration and revocations of 93 managers and the policy of the dividends. Without forgetting, its privilege access to internal information of the 94

⁹⁵ bank and its power to have clarification about the banking actions.

Carleton et al. (1998) and the tip (2000) see that the representatives of institutional investors to the Council, sometimes, affect the decisions of leaders in order to optimize the benefits of their holdings and thus advance the performance of the Bank.

Nevertheless, the arguments presented above concerning their efficiencies in the control and their positive roles in the improvement of the performance incentive to install the following hypothesis: H21: There is a positive impact of the presence of institutional investors to the Council on the banking performance in a context germano-Nippon. H22: There is a positive impact of the presence of institutional investors to the Council on the banking performance in a context Franco-Italian. The impact of the Duality of direction on the banking performance

The Duality of directions also called the cumulation of C posts is to say one man has two positions that are of 104 general director and president of the Council. For a rooting strategy, the function CEO of a bank would be able to 105 benefit from its privileges. Then, the leadership team can take root when there is a poor monitoring. Boyd (1995) 106 has concluded that the duality of functions positively affects the performance. On the ground American, Pi and 107 Timme (1993) noted that the cumulation of steering functions and monitoring within the banks generates a low 108 profitability of assets (ROA). This conclusion is consolidated by Rechner and Dalton (1991). These researchers 109 are interested in the banks and found that the duality affects weakly, positively and significantly the performance. 110 Therefore, we note that the duality positively influences the economic performance of the Bank. The hypothesis 111 that arises: H31: There is a positive impact of the Duality on the banking performance in the context Germano 112 Nippon. H32: There is a negative impact of the Duality on the banking performance in the context Franco-Italian. 113 114 ? The impact of the ownership structure on the banking performance Moreover, we will deal with the impact 115 of the Mechanism ownership structure on the performance.

¹¹⁶ 8 The impact of the concentration of capital on the banking ¹¹⁷ performance

The concentration of capital and the nature of the shareholders (as institutional investors, foreign shareholders and the State,?) swaying between be positively or negatively correlated with the banking performance. Spong et al. (1996) inspire, with 143 U.S. banks from 1990 to 1994, that the concentration of capital positively affects the banking performance. Therefore, according to these results we can point out that there is a positive correlation between the concentration of capital and the performance of banking.

Crespí et al. (??004) stipulate that the increase in the participation of the majority shareholders causes 123 an increase in the measured performance by ROA for some Spanish banks during the period 1989-2000. This 124 researcher confirms the idea of the existence of a positive relationship between the concentration of capital and 125 the performance of banking. Caprio et al. (2006) show, at the base of its study on 244 banks from 44 countries, 126 that the concentration of ownership positively affects the banking performance such that, at the international 127 scale, most banks have a structure of concentrated ownership and that the majority shareholder is a family or 128 the State. In this framework, we note that at the international level the performance of banking is positively 129 affected by the concentration of capital. 130

On the ground in Argentina, Pinteris (2002) find a negative report but not statistically significant between the concentration of ownership and the performance of banking.

¹³³ 9 The hypothesis that arises is:

H41: There is a positive impact of the concentration of capital in the hands of five majority shareholders on the banking performance in a context germano-Nippon. H42: There is a negative impact of the concentration of capital in the hands of five majority shareholders on the banking performance in a context Franco-Italian. The impact of the share ownership of institutional investors on the banking performance Berger and Bonaccorsi di Patti (2003) stipulate, at the base of his study concerning 695 U.S. commercial banks between 1990-1995, that the large institutional investors generate consequences of monitoring that decrease the agency costs and increase the performance.

Empirically, McConnel and Servaes (1990) prove that there is a positive relationship between the share ownership of institutional investors and the stock market performance. Therefore, there is a positive correlation between the stock market performance and the shareholding of the institutional investors.

By contrast, Barclay and Holderness (1991) and Shleifer & Vishny (1997) postulate that the performance 144 and the efficiency of the firms depend on the behavior of institutional investors and of the activity of their 145 integration within the governance. These researchers found that the behavior of institutional investors depends on 146 purpose of their integration. Subsequently, this mechanism of governance can negatively affect the performance. 147 Paquerot (1997) think that the increase of the amounts invested by the institutional investors make these latter 148 in dependence of the leaders. This dependence is certified by the event, in this situation, the risks of loss of 149 150 annuities and of the quasi-rents may compel them to the support. Therefore, the purpose here is to achieve a 151 minimum yield authorizing to prepare their risks. The hypothesis that arises is: H51: There is a positive impact of the capital held by institutional investors on the banking performance in a context germano-Nippon. H52: 152 There is a negative impact of capital held by institutional investors on the banking performance in a context 153 Franco-Italian. 154

155 **10 III.**

156 11 The Methodology

157 In this work we have studied the impact of governance mechanisms on economic performance, financial, Fellow

of thirty banks belong to the German system-Nippon and thirty banks belong to the system Franco-Italian.

The collection of data was performed via the annual publications (the balance sheet, the stock data, the result state) between 2004 and 2013. To measure the governance, we used the council of administration, its size and

161 its independence, and the concentration of capital. For the performance, we will

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163 Volume XVI Issue VI Version I Year () use the measures that have been used in previous studies.

In order to study the impact of the internal governance on the financial performance, economic in the ten

years between 2004 and 2013. The models below are inspired to the article of EYA Noubbigh (2010). The report

166 between the governance and the performance measures will be measured via the following models:

¹⁶⁷ 13 a) Analysis and interpretation of results

In what follows, we will deal with the results of the effect of governance on the performance on the two systems. The impact of governance on the performance in the banks of the system Franco-Italian In what follows, we will interpret and analyze the regression results derived from the output of the Eviews.

171 14 The model estimates

¹⁷² In a first step, we proceeded to a regression in the block of our samples in applying the method of ordinary least ¹⁷³ squares OLS.

The According to the calculation of the test of Hausman, we note that Qh is greater than the fractile of the Act

of KHI-two in the ROA model and therefore we find the estimate to a fixed effect, therefore reject the hypothesis
H0. The estimation of the model ROA by the panel set. The significance of the variables of the model ROA The

177 size of the Bank has a negative impact on the economic performance. In another way, the increase in the size of 178 the Bank generates a decrease of the economic performance of the Bank of hybrid model.

The capital held by institutional investors and the number of institutional investors within the Council have a positive influence on the economic performance of the banks of our sample. This is confirmed by Whidbee (1997).

According to the table, the number of institutional investors in the Council has a positive influence on economic 182 183 performance Roa. Similarly, Agrawal and Knoeber (1996) find that the institutional investors looking to stay in the board of directors in order to monitor the more possible the affairs of the manager. The explanatory power 184 of the model R 2 We observe that F is calculated at less than F tabulated so the model is homogeneous and 185 subsequently we will choose the model estimated by the OLS method. Therefore, our interpretations will be 186 based on the model estimated by the OLS method without individual effect. The significance of the variables of 187 the model ROA The variable size of the board of directors is negative and statistically significant at threshold 188 10%, which implies that a Council of small size generates an increase in the financial performance of the banks 189

190 of the hybrid model of governance.

The duality of functions The functions positively affects the financial performance. That is confirmed by Dedman and Lin (2002).

¹⁹³ 15 The explanatory power

194 We note that R2 is low, then this model is not too persistent. ? Analysis of the stock market performance

The following table shows the effect of the internal governance on the stock market performance during ten years. We note that Qh is greater than the fractile of the Act KHI-two at the threshold of 5 per cent, so we reject the null hypothesis (H0). Then the model to individual effect fixed. The significance of the variables The size of the Council of the Council of Administration and the stock market performance are positively correlated. Therefore, the increase in the size of the Board of Directors improves the stock market performance of banks saw that the increase in the number of members of the board of directors creates a diversification and a multiplicity

of knowledge and experiences. This result is confirmed by ??aniffa and Hudaib (2006).

The variable the number of institutional boards of directors has a negative impact on the stock market performance of banks. This result is confirmed by ??arclay and Holderness (1989).

The size of the Bank and the stock market performance are negatively correlated. Therefore, the Bank would be more creative value when it is small in size.

²⁰⁶ 16 The explanatory power of the model

We note that the coefficient of determination is strong (71.33%). This implies that our model is persistent.

208 ? The impact of governance on the performance in the banks of the system germano-Nippon Moreover, we 209 are going to interpret and analyze the regression results derived from the output E-views.

? Analysis of the financial profitability ROE 17 210

The test of homogeneity Test effects Statistics Prob. 211

Cross-section F 1.564046 0.1300 Calculated F = 1.56 F0.05 tabulated = 3.112 We observe that F is calculated 212 at less than F tabulated, then we accept the hypothesis H0. Therefore, our model is homogeneous and therefore 213 we choose the model estimated by the OLS method. The significance of the variables of the model ROE The 214 evolution of the return on the assets (as a percentage of the asset) and its potential determinants is represented 215 as follows. 216

The variable duality of functions has a positive and statistically significant coefficient on the threshold 5%. 217 This result is explained that an accumulation of position control with the position of decision causes an increase 218 in the performance of the banks. That is confirmed by Dedman and Lin (2002) emphasized that the separation 219 of the functions does not generate a progress of the performance. Therefore, the hypothesis H21 is accepted. 220

In addition, the variable size of the board of directors is correlated negatively and significantly (the threshold 221 222 10%) with financial performance. Therefore, we can see that the increase in the size of the Board of Directors

will result in a deterioration of the performance. 223

The variable "capital held by the majority shareholders" is positively and significantly related with the financial 224 performance (ROE). Therefore, the presence of the majority shareholders within the Council of Administration 225 positively affects the financial performance of banking. This is confirmed by Joh (2003) and Holderness ??2003). 226 Therefore, the hypothesis H41 is accepted.

The explanatory power 18 228

227

We note that R 2 (R-Squared = 0.14) is low, then this model is not too persistent. ? Analysis of the economic 229 profitability ROA The test of homogeneity Test effects Statistics D.f. Prob. 230

Cross-section F 2.579506 (10.92) 0.0084 Calculated F = 2.579506, F 0.05 tabulated = 3.112 231

We observe that F is calculated at less than F tabulated, then we accept the hypothesis H0. Therefore, our 232 model is homogeneous and therefore we choose the model estimated by the OLS method. 233

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Volume XVI Issue VI Version I Year () The significance of the variables of the model ROA According to this 235 model, the two variables the size of the Board of Directors and the number of institutional investors present to 236 the board of directors have a significant effect and negative impact on the economic performance of the banks of 237 our sample. 238

We note that the variable size of the Board of Directors recognizes a significant negative coefficient. This result 239 is explained that the increase in the size of the Board of Directors creates conflicts in the taking of decisions, and 240 subsequently a decrease in economic performance. 241

The variable duality is negatively related and significantly with the economic performance (ROA). Therefore, 242 the separation of the functions of control and direction positively affects the economic performance of banks. Same 243 case concerning the variable "institutional investors", it is negatively and significantly related to the economic 244 performance. That is to say the presence of institutional investors within the Council of Administration negatively 245

affects the economic performance. 246

The variable INSSIZ reflects the presence of institutional investors to the boards of administration and 247 monitoring. According to the table, this variable has a negative influence and significant work on the economic 248 performance Roa. 249

$\mathbf{20}$ The explanatory power 250

We note that R 2 (R-Squared = 0.30) is low, then this model is not too persistent. ? Analysis of the stock 251 market performance MTB 252

We are going to do the test of homogeneity / heterogeneity of Fischer. 253

Test effects 21254

Statistics Prob. 255

Cross-section F 9.004337 0.0000 256

The calculation of the test of specification Fischer leads that F calculated is higher than F tabulated, where 257 the model is heterogeneous and therefore perform the test of Hausman. We note that Qh is greater than at 258 fractile of the Act KHI-two at the threshold of 5 per cent, so we reject the null hypothesis (H0). Then the model 259 to individual effect fixed. 260

261 The stock market performance estimated by the method of least-squares to individual effect fixed. The 262 significance of the variables of the MTB The variable size of the board of directors is positively correlated with 263 the stock market performance. Therefore, the hypothesis H11 is accepted.

The variable duality presents a positive coefficient. This is confirmed by Dedman and Lin (2002). Therefore, 264 the hypothesis H21 is accepted. 265

The variable that contains the number of institutional advice has a negative impact on the stock market 266 performance of banks. This result is confirmed by Weinstein and Yafeh (1998). In another way, an increase in the 267

number of institutional investors on the boards of directors will cause a decrease in the stock market performance since these investors are going to vote for the decisions that promote their own interest by discriminating against the stock market profitability of the Bank. The presence of institutional investors to the board of directors has a negative relationship with the performance of the Bank.

The explanatory variable Top 5 presents a negative and significant coefficient. Then, the concentration of capital has a negative impact on the stock market performance, therefore the stock market performance and the concentration of capital are negatively correlated.

²⁷⁵ 22 The explanatory power

276 In our case, R2 is strong this leads us to conclude that our model is persistent.

277 23 ? A comparison between the results

Moreover, we will compare the effects of governance on the performance on the two models of governance (hybrid model and model network oriented). According to this table, we note that the concentration of capital in the hands of the five majority shareholders has no impact on the financial performance, economic and trading of banks of the governance model hybrid. By contrast, in the banks of the model network oriented, this variable has a positive impact on the financial performance and a negative impact on the stock market performance.

Also, the percentage of the capital held by institutional investors has no impact on the economic performance on the two models. But, this variable has a negative impact on the economic performance and a Fellow of the banks of the model network-oriented. By contrast, this variable has a positive impact on the economic performance of banks of the hybrid model.

For the variable size of the bank, it is not correlated with the stock market performance, financial and economic of the banks of the model networkoriented. But, this variable is negatively correlated with the stock market performance and economic development of the banks of the hybrid model.

In the banks of the model network oriented, the duality of functions has a positive effect on the financial performance and stock market and a negative impact on the economic performance. In against part, the duality of functions has a positive impact only on financial performance.

The size of the board of directors has a negative impact and significant impact on the financial performance of the banks of two models. In addition, the size of the board of directors has a significant and positive impact on the stock market performance of banks of the two models. But the impact of the size of the Board of Directors on the economic performance is balance between negative on the banks of the model network oriented and neutral on the banks of the hybrid model.

²⁹⁸ 24 IV.

²⁹⁹ 25 Conclusion

The aim of our study is to treat the influence of internal mechanisms of governance on the banking performance in the context Franco-Italian and the context germano-Nippon. In this framework, we can emphasize that the mechanisms of governance have a significant impact on the performance, although the meaning of this impact remains undetermined. Since, the empirical results show mixed results, which differ according to the extent of the performance restraint and the context.

The dimensions of the financial performance, economic and stock market are affected by the mechanisms of governance in a different way in most of the results, in addition to its influences can be in the opposite direction of a context germano-Nippon to a context Franco-Italian.

The model Franco-Italian is characterized by the intervention of the State to shape the governance by against the model germano-Nippon is characterized by a banking system powerful and a financial market tightened.

The differences between the two systems are explained by the cultural differences, the institutional infrastructure, the financial development and the policies of the country, etc.

312 26 Bibliographies

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Figure 1: Global

Equation 1 Equation 2 Equation	1					
The depen- dent	Formula of	The in- de- pen- dent		MeaFiongula of		
variables ROA	measurement Profits/Total	variables of assets	The size of the	measurement	The logarithm of the	
			Council	total number of directors within the Council.		
ROE	Net result/ov	wn funds	The duality	1: Separation 0: duality		
MTB	Capitalizatio	nof	The percentage of		The per-	
	capital/own capital		the capital held by		contrage	
			the five majority shareholders			
			The	numbfer	Logarithm of the	
			institutional investors members to the Council	investors members to the Council.	number institutional	of l
			The percentage of		The per- centage	
			the capital held by institutional investors		0	
			The size of the bank	logarithm of the total of the assets of the Bank.	The	natura

Figure 2:

We observe that The test of specification Hausman				
Summary Test	Chi-Sq.	Chi-Sq.	Prob.	
	Statistics	D.F.		
Cross-section	47.02	7	0.0	
random				
2016				
Year				
20				
Volume XVI Issue VI Version I	LNBOASIZ DUA TOP 5 INSSIZ			
Global Journal of Management and Business Research	? Analysis of the economic profitability ROA INS S			
The test of homogeneity				
Test effects	Statistics		D.f. Prob.	
Cross-section F		16.04	(13.10).00	
Cross-section Chi-square		141.76	13 0.00	
Calculated $F = 16.04$, F0.05 tabulated = 3.112				
$\ensuremath{\mathbb{C}}$ 2016 Global Journals Inc. (US) 1				

Figure 3: C

3

	Variable	Coefficient	Prob.
Constant		0.381234	0.0447
Size of the Council		0.000519	0.9857
Duality		0.046850	0.2693
The	majorityha	are0.063205	0.6068
holders			
Number of Institutional		0.100156	0.0002
Investors			
Capital held by the Inv.		9.54 E-05	0.0061
Ins.			
Size of the bank		-0.025049	0.0075
R-squared		0.718456	

Figure 4: Table 3 :

	? Analysis of the financial profitability ROE		
The test of homogeneity / heterogeneity			
Test effects	Statistic	D.f.	Prob.
Cross-section F	2.101	(13, 118)	3)0.0187
Cross-section Chi-	28.947	13	0.0067
square			
Calculated $F = 2.101$ tabulated $F = 3.112$			

Figure 5:

 $\mathbf{5}$

		Year Volume XVI Issue VI Version I				
		()				
		Global Journal of Manag	ement and Business			
		Research				
Variable	Coefficient	Prob.				
Constant	0.066554	0.6916				
Size of the Coun- cil	-0.016911	0.0858				
Duality	0.092208	0.0079				
	F	igure 6: Table 5 :				
Equation 3						
Test effects		Statistics	D f Prob			
Cross-section F		13 71	$(13\ 1190\ 0$			
Cross-section Chi-		165.93	13 0.0			
square		100.00	10 0.0			
Calculated $F = 16.8$ is	greater than th	tabulated $F = 3.112$				
The calculation of the	test of specifica	tion tabulated	, where the model is heterogene	ous and		
Fischer leads that F ca	alculated is high	er than F therefore	we are going to perform the test	t of Hau		
The test Hausman	0					
Summary Test		Chi-Sq.	Chi- Prob.			
,		-	Sq.			
		Statistics	D.F.			
Cross-section		22.74	7 0.0019			
random						
		Figure 7:				
0						
8						
Variable		Coefficient	Prob.			
Constant		4.446715	0.0000			
Size of the Council		0.380315	0.0055			
Duality		0.169767	0.5698			
The majority share	cholders	0.706853	0.3015			
Number of Institut	ional	-0.488284	0.0004			
Investors						
Capital held by the	e Inv. Ins.	4.28E-05	0.7115			
Size of the bank		-0.214286	0.0000			
Correlation Coeffic	ient	0.713362				

Figure 8: Table 8 :

10

Variable	Coefficient	Prob.
Constant	0.054956	0.1033
Size of the Council	-0.016911	0.0858
Duality	0.092208	0.0079
The majority shareholders	0.106100	0.0013
Number of Institutional Investors	0.046280	0.6749
Capital held by the Inv. Ins.	-0.041961	0.5598
Size of the bank	0.000611	0.9449
Correlation Coefficient	0.129906	

Figure 9: Table 10 :

12

Variable	Coefficient	Prob.
Constant	0.053532	0.0096
Size of the Council	-0.002325	0.0284
Duality	-0.911149	0.0002
The majority shareholders	-0.002097	0.2626
Number of Institutional Investors	-0.020217	0.0014
Capital held by the Inv. Ins.	-0.003364	0.6627
Size of the bank	-0.000422	0.7272
Correlation Coefficient	0.305761	

Figure 10: Table 12 :

15

Variable	Coefficient	Prob.
Constant	0.047411	0.0001
Size of the Council	0.000516	0.0055
Duality	0.003281	0.0657
The majority shareholders	-0.009246	0.0197
Number of Institutional Investors	-0.011622	0.0004
Capital held by the Inv. Ins.	-0.003979	0.1791
Size of the bank	-0.00298	0.4760
Correlation Coefficient	0.692699	

Figure 11: Table 15 :

 $\mathbf{16}$

	The model network oriented			The Hybrid Model		
	ROE	RO A	MTB	ROE	ROA	MTB
Size of the	-	-	+	-		+
Council						
Dual	+	-	+	+		
Top 5	+		-			
Inssiz		-	-		+	
Ins					+	-
Siz					-	-

Figure 12: Table 16 :

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