# The Determinants of the Choice of Alternative Financing Methods of SMEs in Bank Credit Rationing: Evidence from Cameroon

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#### **Abstract**

Using a method of funding is not accidental. It is based on factors of choosing a financing method. However, these factors do not all exert the same influence to lead to a type of financing, especially in the context of Small and Medium size Enterprises (SMEs) in a situation of bank credit rationing like those of Cameroon. Thus, the results obtained from a sample of 452 SMEs in Douala Cameroon, through a logistic regression model, revealed that factors such as the cost of financing, the power dilution and the financial flexibility are at least three times more likely to guide the SMEs to short-term financing than to the long and medium-term ones.

**Keywords:** financial structure, bank credit rationing, alternative financing methods, logistic regression model, SMEs, Cameroon

#### 1. Introduction

The Small Enterprise (SE) is defined as a company with a turnover ranging from 15 to 100 million CFA francs, and employing 6 to 20 people. The ME (Medium size Enterprise) makes a turnover of 100 million to 1 billion CFA francs, and employs 21 to 100 people (Note 1). There are several reasons why one may be interested in the Small and Medium size Enterprise (SME) in Cameroon. We can first of all see the role it plays among companies in Cameroon. Indeed, 24% of companies in Cameroon are SMEs (National Institute of Statistics, 2010). We can then evoke the economic and social role played by SMEs in Cameroon: Kasereka Mbahweka (2009) estimates at 55% the share of SMEs jobs in the Cameroonian labor market. He added that SMEs in this country have created 68% of jobs in the private sector in 1998. The SME in Cameroon is therefore a real core economic fabric, and is an excellent job provider (Ndong-Ntah, 2002). The VSE (Very Small Enterprise) employed 120,533 people, the SE (Small Enterprise) 67,553 and the ME (Medium size Enterprise) 49, 977in 2009 (National Institute of Statistics, 2010).

The place of the SME in the Cameroonian economy therefore justifies all the attention put in place for several decades by the public authorities to promote this category of companies. This particular attention is evidenced by the creation of umbrella organizations for SMEs, and several actions being undertaken. Finally, we can think that the SME was able to overcome the stage of a Very Small Enterprise, the dominant group of the population of the Cameroonian companies (75% of Enterprises in Cameroon are VSE) for its ascension to a big company (only 1% of companies in Cameroon is considered as a big one, National Institute of Statistics 2010) to form a real basis for economic and social development. However, despite the political will, the SME suffers from many ills like the credit rationing, trade issues, managerial deficiencies, etc.

Foremost among the difficulties of SMEs is financing (Bekolo-EBE, 1996; Um-Ngouem 1997; Ndong Ntah, 2002). All the problems facing the SMEs in Cameroon, and to which can be added the risk which is this Enterprise segment and the lack of support structures, accentuate the bank credit rationing of this category of companies. They then use alternative financing formula, including money contribution meetings (Bekolo-Ebe 1993; Tchouassi and Ndjanyou 2002; Edding 2002; Ngongang and Wandji 2002; Wamba 2003; Assiga, 2002), which are based on some financial structure factors.

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The optimal financial structure constituting one of the major concerns of the financial theory mainly covers two aspects, namely the allocation of job resources on the one hand, and the allocation between proper funding and debts on the other. The first aspect would like that stable jobs be funded by stable resources (Hirigoyen and Jobard, 1997). However, companies live and develop themselves by financing a part of their stable jobs through short-term debts constantly renewed (Hirigoyen and Jobard, 1997). As concerns the second aspect, it favors debt in the presence of the corporate tax (Modigliani and Miller, 1963). However, this privilege is limited by the personal income tax (Miller, 1977) and bankruptcy costs that can result from excessive leverage (Albouy, 1997). Thus, the arbitration between the tax savings on corporations and bankruptcy costs leads to the optimal financial structure (Ginglinger 1997; Jensen and Meckling 1976). Therefore, at the base of these two aspects, are the determinants of the financial structure (Vernimmen 1997; Vernimmen 2010; Sulzer 1997; Belghiti, 2006) which allow making a choice between funding methods. All these determinants do not seem important in all aspects, especially for SMEs in South-Sahara, including those in Cameroon, which are characterized by the bank credit rationing, and which do not have managerial structure (Bekolo Ebe 2002; Eboué 1988; Um-Ngouem 1997; Essomba Ambassa and Um Ngouem, 2002; Joseph 2000), hence the problematic of this research on the determinants of the choice of alternative financing methods for SMEs in Cameroon in rationing bank credit situation. Therefore, the main objective of this work is to highlight the most influential determinants of the financial structure which lead to alternative financing methods for SMEs in Cameroon living in bank credit rationing. The importance of this research is twofold: firstly and theoretically speaking, this work is nothing than a continuation of the financial theory on SMEs financing, insofar as it not only gives us a clear idea on the determinants of the financial structure within the framework of SMEs, victims of the bank credit rationing and without any managerial structures, but also, it makes a typology based on the importance of each of these determinants. Secondly, this research could stand as a landmark in the orientation of SMEs on the choice of alternative financing methods, not often considered, but important in case of the bank credit rationing. Practically speaking, this work will raise awareness among SMEs on choice factors neglected by them, but which unfortunately are important. The second section of this paper presents and discusses the different works on explanatory factors on choosing a financial structure. The methodological approach used and the highlighting of some descriptive statistics are presented in the third section. The results obtained are highlighted and discussed in the fourth section, this before concluding this study.

#### 2. Literature Review

The determinants of financial structure are involved in the optimal financial structure. Studies from the US and European groups to take a financial decision proved that the tax savings related to debt as well as the fear of bankruptcy costs are not essential criteria for choosing a financial structure (Vernimmen 2010). However, there is a target level of debt without which the company would be financially dependent and lose opportunities. Generally speaking, a set of factors guide the selection of a financial structure (Baker et al. 2002; Vernimmen 1997; Ginglinger, 1997). These are, among others, the concern to maintain a financial flexibility, the economic characteristics of the enterprise sector, its level of development, the sharing fixed costs / variable costs or the nature of the asset to be financed, the position of shareholders in terms of risk aversion and the desire to control, the existence of opportunities or constraints on the finance market at a given time, the financial structure of competitors.

The financial flexibility enables the company to get at any time the financial opportunities available to it, and the use of various funding sources enhances the financial flexibility (Gamba and Triantis, 2008). However, the proliferation of funding sources complicates the financial structure of the company and therefore its management, especially in case of liquidity crisis.

The industrial adventure is financed by proper funds. It is the same thing concerning a sector with higher fixed costs. Gradually as the company takes shape, indebtedness takes place and directs proper capitals towards new emerging sectors (Vernimmen, 2010). However, the high fixed costs sectors are naturally capital-intensive, and require significant investments that inevitably lead to indebtedness (Hall et al. 2004).

An asset that has little value apart from a given productive process will hardly be financed by debt. Lenders fear the fact that the asset's market value cannot cover the debt (Levasseur et al. 2000). However, one can consider additional guaranties to cover the risk.

The position of shareholders affects the financial structure. If the shareholding of the company is composed of influential shareholders (in majority or in minority), their attitude will absolutely affect the choice of funding (Jobard and Hirigoyen, 1997). Only the capital dilution in minority shareholders may reduce or eliminate this influence. In Cameroon and for illustration, shareholding is dominated by a single individual or the same family. As a result, the Cameroonian company is allergic when a capital is involved, and seems to favor debt.

Opportunities can guide the funding method and in turn the financial structure (Baker et al. 2002). It thus appears by adventure to build a financial structure on opportunities, especially as opportunities are within economic conditions. It is noticed that the financial structures of companies in the same activities sector come together. This remark seems appropriate insofar as we are interested in the competitors' behavior. Particularly, in a rationing funding environment, companies would be characterized by the same financial structure. Other determinants of financial structure, referred to as constraints to be respected in a funding problem appear. This is according to Cohen (1997), the minimum requirement of the financial stability, the rule of repayment capacity, the rule of minimum self-financing.

The minimum financial equilibrium rule would like that stable jobs are funded by sustainable resources (Cohen, 1997). However, companies are created and they develop themselves by financing a part of their assets in short-term debts (Hirigoyen and Jobard, 1997). This rule leads to the choice between funding through stable resources and funding through circulating resources.

For the rule of repayment capacity, the amount of the financial debt should not exceed 3 or 4 times the average annual cash flow expected. Theoretically speaking, if the company does not comply with this rule, it should not claim to increase its debt. Its choice is then reduced to components of proper capitals and / or leasing (Brounen et al. 2004). However, leasing institutions carry the same risk analyzes as banks, thus reducing funding opportunities for SMEs in this way (Depallens and Jobard, 1990). Similarly, local SMEs are not accessible to the financial market, due to entry conditions that make them illegible.

In the rule of the minimum self-financing, the company must self-finance a portion (usually 30%) of the investments for which it is seeking loans (Bar and Delahaye, 2003). However, there are companies which are created and they get into debt without providing a minimum of self-financing. This is the case of the Central Africa SMEs which are created, and which financed themselves through money contribution meetings (Mayoukou and Ossie, 1993).

Profitability, legal status, size, condition of the financial market, operational risk, ownership structure, the owner-manager or not and the number of managers, the structure of the assets, the solvency and liquidity of the assets, the distress costs, the signals, the rate of taxation and debt-related benefits, the leverage growth potential, growth opportunities, the cost of the financing method, diluting the control power and the risk of bid, the technology risk, adapting the repayment terms to financial constraints of the company, the obtaining procedures, the required guarantees, also appear as criteria for selecting a financing method (Sulzer, 1997; Belghiti, 2006; Bar and Delahaye 2003).

However, all the criteria listed above do not seem to influence the choice of the financing methods, especially in the context of SMEs victims of the bank credit rationing, and which do not have the umbrella organizations like those in Cameroon. Thus, Modigliani and Miller (1963) bring to the foreground the tax savings related to debt, and the fear of bankruptcy costs. Extensive surveys of executives and financial directors of American (Graham and Harvey 2001) and European groups (Brounen et al. 2006) have shown that the tax savings related to debt as well as the fear of the bankruptcy costs are not the main criteria for choosing a financial structure. The financial flexibility and the impact of funding choices on credit ratings come out on top. Earnings per share is an important criterion highlighted in the decision to perform or not a capital increase (Vernimmen, 2010).

#### 3. Methodological Aspects and Descriptive Statistics

# 3.1 Determining the Sample's Size

To highlight the financial structure factors explaining the choice of the types of alternative financing of short, medium or long-term, a simple random sampling was conducted. As we are unable to determine an approximate P value through a survey, that is to say, the proportion of SMEs interviewed as part of a preliminary study, we set at P to 0,5, this value representing the worst case, that is to say, the value which gives the greatest deviation possible for the sampling distribution of P. In this case, the sample size required to ensure an error margin E (in absolute value) not exceeding 4% with a confidence level of 95% will be approximately (Note 2):

$$n = \frac{Z_{\alpha/2}^2 P(1-P)}{E^2} = \frac{Z_{\alpha/2}^2 \times (0,5)(0,5)}{E^2} = \frac{(1,96)^2}{4(0,04)^2} \approx 600$$

E: the error margin; Z: the standard normal distribution;  $\overline{P}$ : the P estimator in the prior study. However, given the relatively limited means in our possession, only 500 SMEs in the city of Douala, in all activities sectors could be consulted among which 452 returned the questionnaire duly completed, which means a return rate of about 90%.

#### 3.2 Characteristics of the Sample

They cover the SMEs surveyed, their promoters or main partners as well as their leaders. The attached tables summarize these different characteristics.

Indeed, it is clear from these tables that the Limited Liability Companies (LLCs) are the most numerous (56% of the SMEs population which collaborated), followed by Individual Companies (21.9%), Limited Companies (19, 9%), Corporate Companies (1.8%) and other legal forms (0.4%). The structure of the dominant ownership capital of SMEs studied belongs to a single individual (42.9%), then the family (31%), friends (18.6%), other forms of belonging (4%), and colleagues or former colleagues (2.7%). The dominant promoters' nationality is Cameroonian (90.5%), followed by European (6.9%).

SMEs are distributed in all activities' sectors. However, service provisions are the dominant sector (44.2%). They are followed by trade (28.8%), the manufacture of plastic packaging, the metal industry and public works (8%), the food industry (6.6%), the wood industry (4.6%), the microfinance institutions (4%), agriculture, fisheries and livestock (1.8%), the careers' extraction (0.90%), the clothing industry (0.90%).

64.6% of SMEs make a turnover between 15 and 100 million CFA francs excluding tax, 33.4% with a turnover between 100 million and 1 billion CFA Francs. 69.3% of the surveyed SMEs often make profits. 11.6% have at least 19 years of experience, 25.6% at least 15 years, 51.20% at least 06 years and 81.40% at least 04 years. 92.3% of SMEs keep accounts. However, the mere fact of holding a book is deemed to keep accounts.

Most promoters of SMEs studied in higher education (77.9%). They have a long experience (65.5% are over 10 years of experience), and are mostly from West Cameroon (63.5%). 58% of these promoters are between 30 and 50 years old. They are followed by those over 50 years old (39.8%). Managers are academicians in majority (77.9%). They are also experienced (50.9% have an experience of over 10 years). They are mostly from the West region (63.1%), and are members of money contribution meetings (65.3%) (As promoters) as well as associations (67, 5%).

Finally, 55.1% of SMEs surveyed consider themselves victims of qualitative rationing. 43 of the 199 SMEs which have benefited from the bank financing could not get the amount of credit requested (approximately 9.5% of SMEs who participated in the study and 21, 60% of SMEs that benefited from bank financing). They are subject to a quantitative rationing.

#### 3.3 The Econometric Model and the Study Variables

The main purpose of this research is to produce the effect of one or several explanatory variables on a qualitative variable with multiple responses, particularly in two responses from a logit model. This will allow us to model the probability that an event could occur, given the values of a set of descriptive variables, quantitative and / or qualitative; in other words, we will seek to predict the probability that a given SME recourses or not to a type of financing (short-term (CT), long or medium-term (LMT)), this given a set of factors that govern the choice of financing method (Sulzer 1997; Belghiti 2006 Bar and Delahaye 2003). Thus, the factors used in this work are mostly from the classical theoretical literature on corporate finance. To achieve this goal, the following logistic model was used for the occasion:

Type Of Funding = 
$$1$$
if  $CT = \mu + \sum \beta_k X_i + \varepsilon_i$  (1)

0 Otherwise

With:

CT = Short-term financing

 $X_i$ : A vector representing all the factors governing the choice of a financing method (see Table 1 below) and  $\varepsilon_i$ : A random perturbation that follows a white noise.

#### 4. Presentation of Results and Discussion

The Counting of the SMEs by type of financing (dependent variable) as requested according to the financial structure factors (independent variable) is presented in the table below. The numbers inside the table represent the number of citations of a type of financing for a given financing method. Thus, according to the survey performed, 17 financial structure factors were identified, and they lead more to short-term funding than to long or medium-term.

Table 1. Factors in the choice of financing methods and types of funding

Factors for choosing a financing method(FE)	Types of funding (TF)		
Factors for choosing a financing method(FF) —	CT (1)	LMT (2)	
1- Financing Cost (FC);	547	57	
2- Financial Equilibrium (FE);	269	71	
3- Procedures for Obtaining Financing (POF)	762	100	
4- Adaptation of the Terms of Reimbursement to the Financial Constraintsof the Company (ATRFCC)	421	66	
5- Guarantees Requested (GR)	593	90	
6- Capital Importance (CI)	282	67	
7- Relational Proximity(RP)	608	84	
8- Accessibility to the Source of Funding (ASF)	491	103	
9- Financial Autonomy (FA)	127	26	
10- Dilution of power (DP)	200	12	
11- Financial Profitability (FP)	121	20	
12- Nature of the Asset to Finance (NAF)	126	31	
13- Technological Risk (TR)	32	25	
14- Flexibility Concern (FC)	80	10	
15- Position of Shareholders in terms of Risk Aversion (PSRA)	14	-	
16- Existence of Opportunities or Constraints on Financing Market at a given time (EOCFM)	74	12	
17- Financial Structure of Competitors (FSC)	8	4	
TOTAL	4755	778	

Source: Authors, from the survey of SMEs

These 17 factors of the financial structure identified above do not exert the same influence in the choice of alternative financing methods for SMEs in bank credit rationing, as shown by the results in the table below from equation (1).

Table 2. Equation 1 Estimation

Parai	meter	DF	Estimate	Standard Error	Chi- Square	Pr > ChiSq	ODDS Ratio
Interc	cept	1	0.6931	0.6124	1.28	0.2577	1.9999
FF	FC	1	1.5683	0.6280	6.24	0.0125***	4.7984
FF	FE	1	0.6389	0.6267	1.04	0.3080	1.8943
FF	POF	1	1.3376	0.6215	4.63	0.0314**	3.8098
FF	ATRFCC	1	1.1598	0.6265	3.43	0.0641*	3.1892
FF	GR	1	1.1922	0.6227	3.67	0.0556**	3.2943
FF	CI	1	0.7441	0.6273	1.41	0.2355	2.1045
FF	RP	1	1.2862	0.6233	4.26	0.0391**	3.6190
FF	ASF	1	0.8686	0.6219	1.95	0.1625	2.3835

FF	FA	1	0.8929	0.6491	1.89	0.1689	2.4422
FF	DP	1	2.1203	0.6807	9.70	0.0018***	8.3336
FF	FP	1	1.1069	0.6582	2.83	0.0926*	3.0249
FF	NAF	1	0.7091	0.6444	1.21	0.2711	2.0321
FF	TR	1	-0.4463	0.6680	0.45	0.5041	0.6399
FF	FC	1	1.3863	0.6982	3.94	0.0471**	4.0000
FF	PSRA	1	21.6722	19208.97	0.00	0.9991	2582955183
FF	EOCFM	1	1.1260	0.6869	2.69	0.1012*	3.0832
FF	FSC	0	0.0000	0.0000			1

# LR Statistics For Type 3 Analysis The GENMOD PROCEDURE (Logit) Chi- Square Pr>ChiSq Source FF DF 16 100.50 <.0001

Source: Our estimates, based on data in Table1 above

The analysis of the likelihood ratio test shows that the main effect factors of choosing a financing method (FF) is highly significant; in other words, the type of financing sought by the Company (Short- term or medium and long-term) will strongly depend on the choice of the financing method. However, we note that only 09 factors of the financial structure determine more significantly the recourse to short-term funding than to long and medium-term. These include: the cost of financing where our estimates reveal that the odds are about 5 times higher to lead to short-term alternative financing than to long and medium-term. The same thing goes with procedures for obtaining funding, the need for flexibility and the close relationship which are almost 4 times higher. The adaptation factors of the repayment terms to the financial constraints of the company, the required guarantees, the financial viability and the existence of opportunities or constraints on the financing market at a given time, are about 3 times more likely each, compared to the factor of power dilution which owns about 8. These results show that the most important factors of choosing a financial structure are at least 3 times more likely to lead to alternative financing of short-term than long and medium-term.

Thus, the financing cost, the procedures for obtaining financing, the adaptation of the repayment terms to the financial constraints of the company, there quested guarantees, the relational proximity, the power dilution, the financial profitability, the flexibility concern, the existence of opportunities or constraints on the financing market at a given time, are factors that determine the financial structure of SMEs in Cameroon, which are in the bank credit rationing situation. On the contrary, factors such as the financial balance, the importance of the capital, the accessibility to the source of funding, the nature of the asset to be financed, the technological risk, the position of shareholders in terms of aversion for the risk, and the financial structure of competitors, have only an insignificant impact. Yet, these factors are also important in determining the choice of financing methods:

The financial balance which is a dear notion to the company's financing policy prevents the risk of immobilization. Indeed, it is not easy for a debtor to meet his/her payment's schedule by using the short-term resources to finance a stable employment. However, the negligence of this factor "financial balance" must surely be due to the fact that SMEs have only at their disposal the short-term resources. The importance of the capital should lead to specific financing methods. This is the case of the use of the financial market for an investment that requires significant capitals. However, SMEs in Central Africa and particularly in Cameroon have almost no access to the financial market, the access conditions constituting a barrier for them. The accessibility to the source of funding should be a very important motive for SMEs that have a very restricted financing field, especially in Central Africa. The analysis of the survey data allowed us to obtain a score of 491 responses for short-term financing against 103 for long and medium-term, this due to the accessibility factor (Table 1). Factors such as the nature of the asset to be financed, the technological risk, the

<sup>\*\*\*</sup>Significant at 1%; \*\* significant at 5%; \* significant at 10%

position of shareholders in terms of risk aversion and the financial structure of competitors, seem to have no place in the context of SMEs, rationed by bank credit for the following reasons: the industrial environment for SMEs in Central Africa seems not to understand the specific technologies difficultly transferable if necessary, referring to the nature of the asset to be financed. Leasing institutions in Cameroon seem a little bit unknown on the one hand, and they are least solicited for the technological risk to influence the use of alternative financing on the other. They also adopt the same requirements like the bank (study of profitability, accounting records ...). The very small financing space of SMEs can lead them to indifference for the risk and finally, the financial structure of competitors is generally imitated; on the contrary, the state of the SMEs financing market appears to limit this possibility.

#### 5. Conclusion

Factors determining the SMEs' financial structure identified in this work seem relevant in the context of these financial entities. These are, as a reminder and in order of significance: the power dilution, the financing cost, the concern for financial flexibility, obtaining financing procedures, the relational proximity, the required guarantees, adapting the repayment terms to the financial constraints of the Company, the existence of opportunities or constraints on financing market at a given time and the financial profitability. However, the concern for financial flexibility explained in this work and highlighted in major US and European groups as a factor of the choice of financial structure occupying the first position (Vernimmen, 2010, p.843) does not seem appropriate, representative or relevant to our view, insofar as loan is a rare commodity in the SMEs' environment in Cameroon, Indeed, SMEs in this environment are victims of excessive bank credit rationing (Ndjeck, 2016, p.3). They do not have access to financial market (because of their characteristics), they do not accept the capital opening to benefit from capital-risk resources (companies being for families or for individuals in majority). Similarly, leasing institutions are no longer a source of funding readily available to SMEs because they increasingly proceed to the same risk analyzes as banks, and this reduces the possibilities of SMEs' financing by this means (Depallens and Jobard 1990, p.737). It is for these reasons that SMEs fall back on alternative financing methods, essentially of short-term (including money contribution meetings, microfinance institutions, trade credit, helps towards relatives and partners' current accounts) which provide very limited resources because their custodians do not have money creation power.

We would like to draw particular attention of SMEs on the factor of financial structure, "financial balance" according to which the resources to finance a job must remain available to the company for a period at least equal to that of the financed asset. In short, stable jobs must be funded by stable resources (Cohen, 1997), even if there are companies that develop themselves by financing part of their investments through constantly renewed short-term resources (Hirigoyen and Jobard, 1997). Although SMEs' financing resources are essentially short-term, they should mobilize themselves for long and medium term financing in order to cover stable needs (long and medium term). They can for example resort to leasing institutions, venture capital firms, partners' blocked current accounts and capital increase. Thus, the golden rule of the minimum financial stability (stable jobs must be funded by stable resources) will be respected, and the risk capital of the debt avoided. However, let's not forget that leasing institutions increasingly express the same requirements as banks. Nevertheless, by reducing the information asymmetry (including the holding of a regular and honest accounting), by mitigating the managerial deficiencies (including employment of qualified personnel) and by cleaning up the economic, social and judiciary environment, the SMEs will not only become transparent, they will also present a lower risk and by extension, their funding will be improved. The requirement of the legal form of corporations to limited companies and the opening of the capital being a brake for venture capital in Cameroon, the change of mindset and function-objective of the promoter may lead to capital opening. Indeed, the function-objective of SMEs' promoters being not absolutely the search for profit (Colot and Michel, 1996), they should adopt an entrepreneurial attitude, the one that matches profit so as to enable their business to grow.

Leaders of course are rigid with the opening of capital because they fear to lose their position in the company and therefore their benefits. But in an environment where capital is scarce, capital opening could be beneficial for a company which wants to grow. However, the capital increase as the partners' current accounts is a limited source of funding in our space, SMEs having no ability to access the capital market and their performance being not good for most of them.

The criterion "accessibility of the funding source" should also be considered by SMEs because in a capital rationing context, one can only rush to available funding sources. Ignoring this criterion therefore seems controversial. Not taking into account this criterion is due to the fact that SMEs being disproportionately victims of bank credit rationing, have essentially use identical short-term resources (Ndjeck, 2016, p.369). They are their natural market, and the accessibility issue does not arise again.

We have studied the factors related to SMEs' financing structure in general. It might be interesting to do so by SMEs' categories (small, medium enterprise), or by business sector (agricultural SME, industrial SME and service SME). This could be considered in future researches.

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#### Notes

- Note 1. Law No.2010/001of13<sup>th</sup> April 2010on the Promotion of Small and Medium size Enterprises in Cameroon
- Note 2. Gérald Baillargeon, "Probabilités, Statistiques et Techniques de Régression, 1989 pp 256-257, les Editions SMG
- Note 3. Manufacturing plastic packaging, metal industry, construction and civil engineering, aeronautics, leather goods.
- Note 4. The responses are 538in number instead of 452 because of the fact that 86 SMEs perform several activities at once.

# Appendix. Characteristics of interviewed SMEs

# Distribution of SMEs according to the Legal Nature

Form	Number
Limited Liability Company (LLC)	253(56%)
Limited Company (LC)	90(19.9%)
SNC	8(1.8%)
Individual Companies	99(21.9%)
Other Forms	2(0.4%)
Total	452(100%)

# Distribution of SMEs by the Capital Structure

Capital Property	Number
A Single Individual	194(42.9%)
Non-responders	4(0.9%)
The Same Family	140(31%)
Friends	84(18.6%)
Colleagues or Former Colleagues	12(2.7%)
Other Forms of Membership	18(4%)
Total	452(100%)

# Distribution of SMEs according to the Promoters' Nationality

Nationality	Number
Cameroonian	409 (90.5%)
European	31(6.9%)
Others	10(2.6%)
Non-responders	2(0.4%)
Total	452(100%)

# Distribution of SMEs by Activities' Sectors

Activities' Sectors	Number
Road Transportation	27(8%)
Service Provisions	200(44.2%)
Trade	130(28.8%)
Food Industry	30(6.6%)
Wood Industry	21(4.6%)
Micro-finance Institutions	18(4%)
Agriculture, Fisheries, Livestock	8(1.1%)
Careers Extraction	4(0.9%)
Clothing Industry	4(0.9%)
Other Activities (Note 3)	96(21.2%)
Total	538 (Note 4)

Distribution of SMEs according to the Number of Employees

Persons Employed	Number
6 to 20	263 (58.2%)
21 to 100	187(41.3%)
Non-responders	2(0.5%)
Total	452 (100%)

# Distribution of SMEs according to the Turnover

Turnover	Number
15 to100 million	292(64.6%)
100 million to 1 billion	152 (33.4%)
Non-responders	8 (2%)
Total	452 (100%)

# Distribution of SMEs according to Results Achieved

Gains obtained	Number
Profits more often obtained	313 (69.3%)
Others	133(30.7%)
Non-responders	6(1.3%)
Total	452(100%)

# Distribution of SMEs according to Accounting

Accounting	Number
Accounting	417 (92.3%)
No Accounting	33(7.3%)
Non-responders	2 (0.4%)
Total	452(100%)

Qualitative Distribution of Bank Credit for SMEs According to Rationing

Qualitative Bank Credit Rationing	Number
Number rationed	249 (55.1%)
Number non-rationed	199(44%)
Non-responders	4(0.9%)
Total	452 (100%)

Distribution of SMEs according to the quantity rationing of bank credit

Quantity Rationing of Bank Credit	Number
Number rationed	43 (21.6%)
Number non-rationed	156 (78.4%)
Total	199 (100%)

Membership to the Money Contribution Meeting

Members of the Money Contribution Meeting	Number
Members promoters	306 (67.7%)
Non-members Promoters	146(32.3%)
Total	452(100%)

Distribution of SMEs Promoters according to the Association Membership

Association Member	Number
Promoters members	313(69.2%)
Promoters non-members	139(30.8%)
Total	452(100%)

Distribution of SMEs Promoters according to their Training

Studies	Number
Primary	6 (1.3%)
Secondary	86 (19%)
University	352(77.9%)
Professional Training	6(1.3%)
Non-responders	2(0.4%)
Total	452(100%)

Distribution of SMEs according to the Professional Experience of Promoters

Age Groups Experience	Number
Below 5 years old	32 (7.1%)
From 5 to 10 years old	120(26.5%)
Above 10 years old	296(65.5%)
Non-responders	4(0.9%)
Total	452(100%)

Distribution of SMEs Promoters according to their Distribution of SMEs according to the Promoters' Distribution of SMEs Managers according to their Origins

Promoters'Origins	Number
West- Cameroon	287(63.5%)
Center-Cameroon	61(13.5%)
South-Cameroon	4(0.9%)
North-Cameroun	4(0.9%)
Littoral-Cameroon	43(9.5%)
Others	51(11.3%)
Non-responders	2(0.45%)
Total	452(100%)

Distribution of SMEs according to Promoters' Age

Age Groups	Number
Below 30 years old	8(81.8%)
From 30 to 50 years old	262(58%)
Above 50 years old	180(39.8%)
Non-responders	2(0.4%)
Total	452(100%)

Distribution of SMEs according to the Managers' Age

Age groups	Number
Below 30 years old	18 (4%)
From 30 to 50 years	294(65%)
Above 50 years	136(30.1%)
Non-responders	4(0.9%)
Total	452 (100%)

Membership in the Money Contribution Meeting

Member of the Money Contribution Meeting	Number
Leaders members to the Money Contribution Meeting	295(65.3%)
Leaders non-member to the Money Contribution Meeting	153(34.3%)
Non-responders	2(0.4%)
Total	452 (100%)

Distribution of SMEs Managers according to the Association Membership

Association Member	Number
Leaders members	305(67.5%)
Leaders non-members	145(32.1%)
Non-responders	2(0.4)
Total	452(100%)