CONTENTS

Agriculture
1. Enzyme Supplementation of Rice Offal Based Diets on Growth, Haematological and Serum Biochemical Characteristics of Broiler Chickens — Akpet, S.O., Ukorebi, B.A., Modey, M.N. & Gboshe, P.N. ...1


3. An Inventory of the Timber Resources of Cross River National Park, Cross River State, Nigeria — Ijomah, J. U., Uzowulu, G. I. & Ovat, O. I. ...11


5. Profitability of Cassava Products Marketing in Cross River State, Nigeria — Arigbor, A. J., Tiku, N. E. and Obuo, P. O. ...27

Biological Science

7. Studies on Parasitic Isolates and Trends of Metallic Pollutants in Panaea notialis (Shrimp) and Macrobrachium vollenhovenii (Prawn) Obtained From Great Kwa River, Nigeria — Abraham, J. T., Oloko, G. O. and Ikpe, E. M. ...35


Communication Technology

10. Harnessing Trado-Media for Community Development — Osong, U. O. ...53

Chemical Science
11. Vitamin Profiles of Cnidoscolus carumbium (“Hospital no far”) and Spigelia marilandica (“worm grass”) — Alobi, N. O., Enyi-Idoh, K. H., Okoi, A. I., Abara, A. E. & Eja, M. E. ...59

Environmental Sciences


14. Factors that Inhibit Graphic Students in the Department of Visual Arts and Technology, Cross River University of Technology, Calabar — Eleni, N. & Ajibade, B. ...75
15. Functional Arts Education for National Development  
Bozimo, Z. B., Henry, E. B. & Bassey, E. O.  ...79

16. Landscape Planning and Sustainable development in Nigeria: The Calabar Experience  

17. Computer Aided Design (CAD) in Architectural Education and Practice  
Atamewan, E. E. & Ekhaese, E. N.  ...91

Adesola, W. A. & Ibi, E. E.  ...97

19. Total Quality Management (TQM) and Performance of Fast-Food Small and Medium Enterprises (SMEs) in South-East Nigeria  
Ukenna, S. I., Anionwu, C. & Afunwa, P.  ...103
TOTAL QUALITY MANAGEMENT (TQM) AND PERFORMANCE OF FAST-FOOD SMALL AND MEDIUM ENTERPRISES (SMEs) IN SOUTH-EAST NIGERIA

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Abstract
The impact of TQM on the fast-food SME sector in Nigeria is empirically underreported in the mainstream TQM and SME literature, and little is known as to which TQM principle is the strongest predictor of SME performance in the fast-food context. This twin problem triggered this investigation. Based on purposively selected managers' and supervisors' self-assessment of performance, the objective of the study is twofold: (1) To find out the nature of relationship between TQM and performance of SMEs in Southeast Nigeria fast-food sector, and (2) to find out which TQM principles most critically propel successful performance of SMEs in the fast-food sector in Southeast Nigeria. To address this twin objective, the study was guided by two research questions and two hypotheses. Primary data were collected via a structured five-point Likert scale questionnaire from a sample size of forty-six SME managers and supervisors of twenty-three fast-food SMEs in Nnewi, Onitsha, and Awka. Consistent with previous studies, Multiple Regression Analysis was employed to conduct the relevant analysis. The study revealed a very strong positive correlation between TQM and SME performance and that the five examined TQM principles are statistically significant as predictors of SME performance in the fast-food context. Importantly, the study also revealed that customer focus is the strongest predictor of SME performance in the fast-food context. The researcher made two pungent recommendations: (1) that managers of fast-food SMEs should continue to implement the tenets of TQM as this seems to be the precondition for competitiveness and success, and (2) managers of fast-foods in Southeast Nigeria should place stronger emphasis on customer focus (both internal and external customers) and that internal customer focus must precede external customer focus, which can be developed into strategic core competence.

Keywords: Fast-food; SMEs; TQM; South-East; Nigeria.

INTRODUCTION
Today's marketplace is characterized by hyper competition resulting from world globalization and liberalization; wherein firms survive with much difficulty unless they create a competitive advantage over their competitors (Adam et al., 2001; Samson & Terziovski, 1999; Terziovski & Samson, 1999). With the increasing tide of competition, businesses must craft survival strategies. Consequently, total quality management (TQM) is one of the important issues that have generated a substantial amount of interest among managers and researchers (Ahire et al., 1995; Benson et al., 1991; Flynn et al., 1995; Powell, 1995; Samson & Terziovski, 1999; Sousa and Voss, 2002; Terziovski & Samson, 1999) because it offers opportunity to craft competitive advantage. Since 1980s, TQM has been regarded as one of the effective ways for firms to improve their competitive advantage (Kuei et al., 2001). Leading pioneers in the quality area, such as Deming (1986) and Juran (1993), asserted that competitive advantage can be gained by providing quality products or services. Additionally, Eng and Yusof (2003) argued that quality holds the key to competitiveness in today's global market. In addition, TQM has been widely considered as an effective management tool to provide business with stability, growth, and prosperity (Issac et al., 2004). Though there is no generally accepted definition of TQM, however, according to Hellsten and Klefsjo (2000) TQM has been defined as a management system in continuous change, which consists of values, methodologies and tools, the aim of which is to increase external and internal customer satisfaction with a reduced amount of resources.

The effectiveness of total quality management (TQM) as a mechanism for organisational
improvement has been widely debated in the literature. Proponents of TQM claim that this philosophy leads to improved firm performance and this outcome has been demonstrated by a number of studies (for example, Flynn, Schroeder and Sakakibara 1995; Powell 1995; Samson and Terziovski 1999; Terziovski and Samson 1999). Proponents of TQM also contend that the philosophy can be applied to any organisation (Powell 1995). To this end, Fick and Estreich (1991, p.15), for example, suggested that even the "smaller firm with limited resources can apply TQM principles with measurable success and without undue expense". Further, evidence from literature shows that SMEs often implement TQM in response to external pressures rather than the result of internally generated initiatives to improve quality or reduce costs (see for example, Speedlove 1997; Guilhon, Martin and Weill 1998; Sun and Cheng 2002). Shea and Gabeli (1995) looked at whether TQM was a worthwhile investment and, based on interviews with ten SME owners, concluded that TQM could be used to improve small business performance.

Given the increasing emphasis on the need for a private sector driven economy through entrepreneurship, SMEs continue to spring up in Nigeria. With rising unemployment, most Nigerians are compelled to consider setting up SMEs. This is even truer among south-eastern Nigerians who are naturally known for their high entrepreneurial drive (Olise, Nkamnebe, Ukenna, and Okoli, 2013). Hence the venture into fast-food business is increasingly becoming commonplace.

Noticing how fast-food SMEs are fast springing up in major cities in southeast Nigeria; and many have withstood and survived the tide of competition, they seem to be succeeding, a situation that suggests the possible practice of TQM. This success is somewhat partly due to huge market opportunity reflected in the youth dominance of the metropolis. This youth dominance is occasioned partly by the presence of university campuses in these metropolitan cities (Nnewi, Onitsha, and Awka) and partly by high rural-urban migration; thus, giving rise to small business activities around these areas. Concomitantly, there have provoked the springing up of fast-food SMEs in these areas to tap into the growing fast-food need of the youth market that is known for their high patronage of fast-foods.

Arguably, the implementation of TQM tenets could be key critical success factor for emergence and continue existence fast-food SMEs; however, exploring the relationship between TQM and business performance in specific SME area, say the fast-food SME sector, is thoughtful. This study examines the relationship between selected TQM principles and SME performance. The measure of performance is based on managers self-assessment of performance. The broad objective of this study is to determine the nature of relationship that exists between TQM and business performance of SMEs in Southeast Nigeria fast-food sector. In the main, this study is guided by two specific objectives: (1) to evaluate the nature of relationship between TQM and performance of SMEs in Nigerian fast-food sector; (2) to determine the effect of TQM principles on successful performance of SMEs in the fast-food sector in Nigeria.

The paper is structured in a way to enhance the reader's understanding. Accordingly, this paper is divided into six broad sections, namely: introduction, theoretical framework, methodology, results, discussion of findings, and recommendations, limitation and direction for further research, and conclusion. This introduction section is divided into two subsections, namely: background of study, and statement of problem. This is followed by the section for theoretical framework, which is subdivided into two, namely: empirical review, and theoretical development and hypotheses. The methodology follows after the theoretical framework. This section is followed by the result from analysis and discussion of findings. The last section addressed the recommendation, limitation and direction for further research, and conclusion.

STATEMENT OF PROBLEM

Many of the studies that have examined the relationship between TQM and performance have focused on large organisations, manufacturing organisations and the service sector (e.g. Nilsson et al, 2001; Sun 2001; Solis et al 1998; Singh et al, 2006, Powell 1995; and Ronnback and Witell, 2006). But the literature recognises that TQM studies on small and medium enterprises (SMEs) are limited (Parkin and Parkin 1996; Walley 2000). In addition, the few TQM studies within the SME domain are general, wherein no effort was made in those studies to explore specific business area of SME. Thus findings among SMEs in the IT may not be true for SMEs in the fast-food and so on.

Further, the few accessed studies were executed in Europe and America (see for example studies by Walley, 2000 (UK); Anderson and Sohal 1999 (Australia); and Guilhon et al, 1998 (France)). The findings of the few accessed studies vary due to difference in research context, as such; findings are only relevant in that context and generalizability of their findings should be with caution.

The present authors could not access any Nigeria study (at the period of writing this paper) linking TQM to SME performance in the fast-food domain, which, again, confirms the dearth of studies in the Nigerian context. The scantiness of empirical studies on the association between TQM and performance is partly due to the unavailability of financial data of SMEs, which is somewhat partly due to huge market opportunity reflected in the youth dominance of the metropolis. This youth dominance is occasioned partly by the presence of university campuses in these metropolitan cities (Nnewi, Onitsha, and Awka) and partly by high rural-urban migration; thus, giving rise to small business activities around these areas. Concomitantly, there have provoked the springing up of fast-food SMEs in these areas to tap into the growing fast-food need of the youth market that is known for their high patronage of fast-foods.

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The problem that has triggered the present study is the somewhat dearth of empirical evidence revealing the most appropriate TQM principle to adopt or emphasise by fast-food SMEs in major cities in Anambra State in order to make them more competitive and sustainable. This is against the backdrop that most previous TQM studies explored SMEs generally; however findings in a particular SME business area (say IT) may not be true or generalized to another SME business area (say fast-food) as challenges may differ from business to business and sector to sector. To this end, the present study sought to address the fol-
SIGNIFICANCE OF THE STUDY

The fast-food SME sector in southeast Nigeria is fast growing and quality seems to be the watchword. According to this study, managers will drop the 'me-too' strategy and adopt TQM to give recommendations as to which TQM principle(s) most critically propel successful performance of SMEs in the fast-food sector in Southeast Nigeria?

THEORETICAL FRAMEWORK

Anderson and Sohal (1999) examined the effective-ness of TQM in a survey of 44 small manufacturing companies in Valencia, Spain. In his study, effectiveness was measured on the basis of managers' satisfaction with the achievement of specific objectives and the estimation of the change in several performance variables over a one-year period. They measured these six quality criteria: sales, market share, profit, employee satisfaction, cash flow, and overall competitiveness. The survey contained questions pertaining to these six variables.

Rahman (2001) reported that leadership, 'processes, products and services', 'people', and 'customer focus' were all significantly correlated with business outcomes. Rahman (2001) reported that leadership, 'processes, products and services', 'people', and 'customer focus' were all significantly correlated with business outcomes. Rahman (2001) reported that leadership, 'processes, products and services', 'people', and 'customer focus' were all significantly correlated with business outcomes. Rahman (2001) reported that leadership, 'processes, products and services', 'people', and 'customer focus' were all significantly correlated with business outcomes. Rahman (2001) reported that leadership, 'processes, products and services', 'people', and 'customer focus' were all significantly correlated with business outcomes.

TQM and performance

Preliminary evidence seems to indicate that TQM-adopting firms obtain a competitive ad-
vantage over firms that do not adopt TQM (Brah et al., 2002; Powell, 1995), SMEs that focus on continuous improvement, involve and motivate employees to achieve quality output and focus on satisfying customers’ needs are more likely to outperform firms that do not have this focus. Thus, we can expect that to the extent an organization implements TQM practices, performance should be enhanced. The first hypothesis summarizes this expectation and provides a benchmark in which to examine TQM/performance relationship. Hence, we formulate the first hypothesis:

\[ H_1: \text{The degree of implementation of TQM practices is significantly associated with SME performance in southeast Nigeria.} \]

As shown in the first hypothesis above, we relate the joint effect of selected TQM variables on SME performance. The independent variable consists of the joint effect of leadership, training, teamwork, customer focus, and process management on one dependent variable - sales performance. The dependent variable is based on the managers’ perception or self-assessment of performance because of lack of (or unwillingness to disclose) financial data such as annual profit, actual sales, market share. This would explain why prior research examining the relationship between TQM adopters and firm performance in SMEs has predominantly relied on managers’ self-assessments of performance (see Agus and Abdullah, 2000). The choice of sales performance (not actual sales but perception of sales performance) as a proxy for SME performance is not far-fetched. First, most SMEs in Nigeria do not keep up-to-date financial records, while some do not have any accounting system, wherein their profit, market share, or actual annual sales can be determined. Secondly, most managers and supervisors of SMEs in Nigeria are unwilling and constrained to disclose financial data. As a consequence, self-assessment of sales performance is somewhat preferable as the managers can, through hunch and experience, determine, not necessarily giving exact sales figure; but rather, give sales estimate.

**TQM Principles and Performance**

Various authors have empirically tested some variables of Total Quality Management. According to reviewed literatures, these authors including Ou et al. (2007) (customer focus, teamwork, Leadership, Supplier quality management, and process management); Nilsson et al. (2001) (Leadership, customer focus, teamwork, process management, Supplier quality management); Samson and Terziowski (2008) (leadership, supplier quality management, process management); Shamimot (2011) (leadership, customer focus, teamwork, supplier quality management, product design); Al-khalifa et al. (2008) (leadership, quality culture, customer focus, training, process management, teamwork); Solis et al. (2007) (leadership, customer focus, quality culture, Supplier quality management, teamwork, process management, training, product design); Terziowski and Samson (1999) (leadership, supplier quality management, training, process management); Salaheldin (2009) (leadership, education and training, product design, supplier quality management); Fryer, Antony and Douglas (2007) (leadership, customer focus, quality culture, Supplier quality management, teamwork, process management, training); Spendlove (1997) (leadership, customer focus, teamwork, process management, supplier quality management); Tan, Molina and Castejon (2007) (leadership, teamwork, customer focus, supplier quality management, process management) and Brah and Walley (2000) (customer focus, teamwork, process management, leadership).

On the other hand, there are many authors that have also empirically examined variables of company’s performance. The authors include Aden et al. (2001) (market share); Agus and Abdullah (2000) (market share, profit); Ou et al. (2007) (Customer satisfaction, and profit); Moreno-Luzon (1993) (profit, Market share, and customer satisfaction); Chi, Kilduff and Gargeya (2009) (profit, Market share); Brah et al (2002) (customer satisfaction, market share); Eng and Yusol (2003) (profit); Wilson et al. (2000) (customer satisfaction, market share, and profit); Sila (2007) (market share, profit); Ronnback and Wittell (2011) (profit, market share); Rahman (2001) (customer satisfaction and profit); Anderson and Sohal (1999) (market share, profit); Arumugam and Mojtabahzadeh (2011), (customer satisfaction); Flynn, Schroeder and Sakakibara (1995) (profit, customer satisfaction, and market share); Wernick (1991) (customer satisfaction, market share); Issac, Rajendran and Anantharaman (2004) (customer satisfaction, profit).

In the present study, we shall focus only on five principles of TQM because of their relevance to fast-food SMEs and prominence in extant empirical studies. Accordingly, the hypothesis of the second research question is divided into five sub-hypotheses as depicted.

Table 1 shows the second main hypothesis, which we split into five specific hypotheses to enable us address the second research question identified in the statement of problem. Following the preceding review, five TQM constructs and independent variables - leadership, customer focus, teamwork, process management, and firm sales performance.

<table>
<thead>
<tr>
<th>No.</th>
<th>Hypotheses</th>
</tr>
</thead>
<tbody>
<tr>
<td>H₂</td>
<td>Selected TQM principles are key predictors of firm sales performance</td>
</tr>
<tr>
<td>H₂a</td>
<td>Leadership is a strong predictor of fast-food SME sales performance.</td>
</tr>
<tr>
<td>H₂b</td>
<td>Customer focus is a strong predictor of fast-food SME sales performance.</td>
</tr>
<tr>
<td>H₂c</td>
<td>Training is a strong predictor of fast-food SME sales performance.</td>
</tr>
<tr>
<td>H₂d</td>
<td>Teamwork is a strong predictor of fast-food SME sales performance.</td>
</tr>
<tr>
<td>H₂e</td>
<td>Process management is a strong predictor of fast-food SME sales performance.</td>
</tr>
</tbody>
</table>
cus, training, teamwork, and process management - seem to be reoccurring in extant literature and empirical studies within the SME domain.

Following the tabulated hypotheses in Table 1 above, Figure 1 depicts the study’s research model. Five independent TQM constructs (leadership, customer focus, training, teamwork, and process management) are linked as predictors of one firm performance construct (sales performance).

**METHODOLOGY**

Purposive sampling was adopted in selecting the fast-food SME for this study. There are three reasons for the selection of fast-food industry: 1) The fast-food outlets are fast springing and growing due to growing presence of youths at Nnewi, Onitsha, and Awka metropolitan; 2) Many of the fast food SMEs have survived over time, with rare case of any folding-up and; 3) The fast food SMEs seem to be enjoying high customer patronage.

Most of the fast-food SMEs selected have existed for at least three years. They are drawn from Nnewi, Onitsha, and Awka metropolitan. For Awka metropolitan, the following eleven fast-food were examined: Thrillers, Maccosons, Nourisher, Chuckies, Chrunches, Chilliers, Tetrazzini, Mr Biggs, Supreme Taste, and Pals. For Onisha, the following eight fast foods will be examined: Spinach, MrBigs, Crunches, Dreams, Five Star, DeNessa, McDons, and Garnish. For Nnewi metropolitan, the following four fast-foods were studied: Mr Bigs, Tetrazzini, Kitchen-De-Royale, and Chicken Express. In all, the researcher studied twenty-three fast-food SMEs in the three metropolises. Given that two respondents (a manager and supervisor) were drawn from the twenty-three fast-food SMEs; hence, the population of this study was estimated to be forty-six (ie 23 x 2 = 46) and census sampling was adopted whereby all the 46 respondents were examined given the smallness of the population.

The Respondents of this study include managers and employees of the 23 selected SMEs; consequently 46 respondents were examined. Consistent with the work of Shammot (2011), Multiple Regression Model (MRM) was used to conduct the analysis with the aid of SPSS 21.0. The sample size of this study is 46, comprising of 2 managers drawn from each of 23 SMEs. The use of MRM is consistent with previous empirical studies, such as Benson, Seraph, and Schroeder (1991), Adam, Flores, and Macros (2001), Brah and Lim (2006), and Willson et al. (2000). A structured 5.0 Likert-scale questionnaire was designed based on “strongly disagree” (1) to “strongly disagree” (5); (Al-Khalifa, &Aspinwall2008; Joiner, 2007 ). The instrument was pretested for internal consistency using the Cronbach’s alpha statistics. This was executed using 10 fast-food supervisors/managers, which were not included in the final analysis. The Cronbach alpha coefficient of the scale is 0.723, which is consistent with benchmark of 0.7 recommended by Pallant (2007) for social science research.

The rapid growth of the fast-food sector in the south-east Nigeria has warranted the selection of southeast Nigeria as the area of study and the fast food sector as the scope. Accordingly, due to their fast growing nature, three cities in the southeast where fast-food SMEs are prevalent are selected. They include: Onisha, Nnewi, and Awka.

**RESULT**

Descriptive Statistics of TQM constructs

The results of descriptive analysis are listed in Table 2. The means and standard deviations of five independent variable constructs and one dependent variable constructs range from 3.01 to 4.42 and from 0.36 to 0.78, respectively.

Preliminary result from the descriptive analysis of Table 2 shows that going by mean ranking, customer focus has the highest mean score of 4.42 (and lowest standard deviation of 0.41) as predictor of SME performance. This is followed by leadership, teamwork, training, and process man-

<table>
<thead>
<tr>
<th>Table 2: Descriptive Analysis of TQM constructs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factor Name</td>
</tr>
<tr>
<td>Leadership</td>
</tr>
<tr>
<td>Customer focus</td>
</tr>
<tr>
<td>Training</td>
</tr>
<tr>
<td>Teamwork</td>
</tr>
<tr>
<td>Process Management</td>
</tr>
</tbody>
</table>
management respectively. Note that the construct with highest mean somewhat indicate that it is strongest predictor of performance, and so on.

Validity and reliability Analysis of TQM constructs

Although the instrument was pretested on ten managers of SMEs to determine its reliability and high overall Cronbach alpha coefficient of 0.723 was achieved, at this stage we further subject the actual data collected to reliability test on a construct per construct basis since different managers were administered with the questionnaire. The essence of this is to place stronger confidence on the instrument. Interestingly, as shown in Table 3 the respective Cronbach's alpha coefficient for each TQM construct is over the recommended benchmark of 0.7 (Pallant, 2007), which, again, strengthens the level of confidence placed on the data collected by the instrument for the final analysis. In addition, Principal Component and Varimax are used to confirm the extraction (or usage or adoption) of five constructs of TQM. The criterion for extracting critical factors is based on whether or not Eigen value is greater than 1. In addition, the authors used Cronbach's Alpha to examine internal consistency which is mainly used to assess the reliability of the proposed 7 constructs. If the value of Cronbach's Alpha is greater than 0.6, the reliability of the responding survey's results proves to be acceptable.

Table 3: Validity and reliability Analysis of TQM constructs

<table>
<thead>
<tr>
<th>Factor Name</th>
<th>Eigen Value</th>
<th>Cronbach's Alpha</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leadership</td>
<td>2.85</td>
<td>0.85</td>
</tr>
<tr>
<td>Customer focus</td>
<td>3.73</td>
<td>0.92</td>
</tr>
<tr>
<td>Training</td>
<td>2.02</td>
<td>0.72</td>
</tr>
<tr>
<td>Teamwork</td>
<td>2.92</td>
<td>0.71</td>
</tr>
<tr>
<td>Process Management</td>
<td>2.23</td>
<td>0.74</td>
</tr>
<tr>
<td>Sales Performance</td>
<td>3.61</td>
<td>0.82</td>
</tr>
</tbody>
</table>

Table 4: Model Summary for first hypothesis

<table>
<thead>
<tr>
<th>Model</th>
<th>R</th>
<th>R Square</th>
<th>Adjusted R Square</th>
<th>Std. Error of the Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>.967</td>
<td>.935</td>
<td>.931</td>
<td>2.213</td>
</tr>
</tbody>
</table>

First Hypothesis

The first hypothesis sought to find if the degree of implementation of TQM practices is related to SME performance in southeast Nigeria. Table 4 above depicts the model summary for the first hypothesis, showing the predictors (or independent variables) to include process management, teamwork, leadership, and customer focus, while sales performance is the dependent variable. Sales performance is used to proxy SMEs performance. The model summary box, particularly under the heading R Square, tells how much of the variance in the dependent variable (performance) is explained by the model (which includes variables of process management, teamwork, leadership, and customer focus) explains 93.5% of the variance in SME performance. This means other factors (constructs) not included in the model explains 6.5% of the variance. With a positively very strong R ² of 93.5%, the first hypothesis is supported. Further insight is provided by Table 5 above.

To assess the statistical significance of the result, it is necessary to look in Table 2 labelled ANOVA, which tests the null hypothesis that multiple R in the population equals 0. The model in this case reaches statistical significance since Sig. = .000; this really means p < 0.0005 (see Pallant, 2007 p.158). Accordingly, we reject the null hypothesis and accept the alternate hypothesis; thus, we conclude that the degree of implementation of TQM practices is significantly associated with SME sales performance in Awka. This finding corroborates previous studies (for example Kaldenberg and Gobeli, 1995; Rahman, 2001) that have empirically established a strong nexus between TQM and performance. The contribution of this study is the extension of this finding in fast-food SME context.

Second Hypothesis

The second hypothesis seeks to address the second research question, which is focused at identifying those TQM principles that best contribute towards successful performance of SMEs in the fast-food sector. Thus, the researchers wanted to know which of the variables included in the model contributed more to the prediction of the dependent variable. We find this information in the output box of Table 6, labelled Coefficients.

To compare the various variables, it is important we look at the standardised coefficients, not the unstandardised ones. 'Standardised' means that these values for each of the different variables have been converted to the same scale so that they can be compared.

In this case, we are interested in comparing the contribution of each independent variable; therefore we will use the beta values. Look down
the Beta column and find which beta value is the largest (ignoring any negative signs out the front) (see Pallant, 2007 p.159). In this case, the largest beta coefficient is β = 0.919, which is for Customer Focus. This means that this variable makes the strongest unique contribution to explaining the dependent variable (SME sales performance), when the variance explained by all other variables in the model is controlled for. This is followed by Process Management with a Beta value of -0.627, which is lower than the Beta value of Customer Focus, also makes a strong contribution to explaining the dependent variable. Team work accounts for the next contributor to explaining the dependent variable after process management, with a Beta value of 0.558. However, Leadership makes a weak contribution towards explaining the dependent variable as shown by its Beta value of 0.000.

For each of these variables, we check the value in the column marked Sig, this tells whether this variable is making a statistically significant unique contribution to the equation; thus constituting a basis for accepting or rejecting the second hypothesis. If the Sig. value is less than .05 (0.1, 0.001, 0.000 etc), the variable is making a significant unique contribution to the prediction of the dependent variable and if greater than .05, we can conclude that that variable is not making a significant unique contribution to the prediction of the dependent variable (see Pallant 2007 p.159). This forms our decision criterion in that we reject the null hypothesis if Sig value is greater than .05. Accordingly, since the Sig value of all the dependent variables is less than .05, thus indicating that all dependent variable are making significantly unique contribution to the prediction of the dependent variable. Hence we reject the null hypotheses; and conclude that leadership, customer focus, teamwork, and process management contribute towards predicting SME performance. Though they all make contribution, however, customer focus makes the strongest contribution in predicting SME performance in fast food context.

DISCUSSION OF FINDINGS

In the main, the present study confirms the studies of previous researchers who attempted to use the practice of TQM to predict firm performance (see for example Adam et al 2001; Aigbe Abdullah, 2000; Brah et al. 2002; Rahman, 2001 etc.). The present study also corroborates with the findings of some studies. For instance, Nilsson et al (2001) found that leadership and process management are stronger predictors of firm performance in the automobile industry. However, while leadership and process management scored high after customer focus in the present fast-food industry, this finding indicates that what might constitute strong TQM predictor of firm performance can likely differ from industry to sector. Other studies from other sector that do not find customer focus as core predictor performance are: Samson and Terziowski (2008) (leadership, supplier quality management, process management); Terziowski and Samson (1999) (leadership, supplier quality management, training, basics service management); and Salameh and (2009) (leadership, education and training, product design, supplier quality management). Again, the import of this that TQM tenets that predict performance differ from industry. Interestingly, the key finding of this study being that customer focus is strongest predictor of performance confirms with a number of non-SME sector studies. For instance the following studies have found that customer focus is a very strong predictor of performance: Ou et al (2007); Shammot (2011); Brah and Walley (2000); Tari, Molina and Castejon (2007), and Sohail et al. (2007).

When compared with previous studies executed in the SME sector, the findings of the present study seem to depart from the long held ‘belief’ that in this fast food SME study that customer focus is the strongest predictor of performance. For instance the study of Guilhon et al (1998) in a French study found ‘quality programme’ to be strongest predictor of performance. Also the UK study of Walley (2000) found no TQM variable as strong predictor of performance in the SME farming sector. Similarly, Anderson and Sohail (1999) reported that quality practices and procedures were perceived to have the highest impact on the overall competitiveness of the business. The work of Rahman (2001) reported that leadership, processes, products and services, ‘people’, and ‘customer focus’ were all significantly correlated with business outcomes; but did not report which construct is strongest predictor.

When taken together, the present study is an extension of knowledge stock in the literature of TQM as it relates to SMEs in the fast-food domain. The finding of this study, when put side by side with the findings of other previous studies, reveals that customer focus is a critical success factor for fast-food SMEs who implement TQM.

RECOMMENDATION, LIMITATION AND DIRECTION FOR FURTHER RESEARCH, AND CONCLUSION.

Recommendations

Managers of fast-food SMEs should continue to implement the tenets of TQM as these seem to be the precondition for competitiveness and success. To this end, owners of the fast-food outlets should continue to train their managers on the tenets of TQM via seminars and workshops. Managers of fast foods in southeast Nigeria should emphasize and have strong customer focus (internal and external customer focus) for them to thrive in the fast growing and competitive fast-food sector. This is consistent with perspective that managers should understand and be able to manipulate perception as well as expectations of customers (Ewurum, 2001). We align with TQM experts that internal customer focus must precede external customer focus. Employees are the internal customers of management. Thus internal customer focus is the task of successfully hiring, training, and motivating able employees to serve the external customers well. The employees must be adequately trained and motivated so that they can enthusiastically move the TQM process forward. The process of meeting customer needs therefore begins internally (Ewurum, 2001).

Limitation and direction for further research

The major limitation of this study is the paucity of empirical study on TQM and SMEs performance in the Nigerian context. Most Nigerian studies access historial data of SMEs but did not link TQM to SME’s performance in the somewhat emerging fast-food sector. This situation of literature dearth has undermined the robustness of the literature review. Two additional major limitations to this
study, which could be fertile ground for future research, are notable. First, this study used only five independent variables (or TQM tenets, such as Leadership) that are widely used and reported in extant literature; however, a more robust study could be executed using additional dependent variables such as quality culture (Al-khalifa et al., 2008), supplier quality management (Ou et al., 2007), product design (Shammot, 2011). Second, this study used only one dependent variable (sales performance) to proxy performance. However, most empirical study reviewed (eg Terziovski, 2008 and Ou et al, 2007) adapted several dependent variables to proxy performance such as market share, profit, customer satisfaction. These studies used several independent and several dependent variables that were tested using structural equation model. Accordingly, the few independent variable and on dependent variable used in this study seems merely to lay the foundation for more robust study that will examine several independent and dependent variable to spring up.

Conclusion

The researcher concludes that the implementation of TQM in the SME fast food context is germane to success and competitiveness of any fast food SMEs in the metropolita1 cities in southeast Nigeria. In addition, this study concludes that customer focus is the strongest predictor of SME performance in the fast food context, wherein managers can build their core competency and create competitive advantage along the line of customer focus. Better still, this study reveals the need to avoid the ‘me to’ strategy common among SMEs, whereby they fail to develop their unique selling proposition or core competency, but rather copy success factors of competitors. A customer focus approach stipulate that a competitive advantage can be built through an outside-in approach, that is, by finding out the extra thing the customer wants and work back into the company to develop it and build it into the firm’s offer to the customer.

REFERENCES


