MARKETING, DISTRIBUTION AND CONSUMPTION OF FISH IN IDO LOCAL GOVERNMENT AREA, OYO STATE, NIGERIA

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ABSTRACT
Like other developing countries, Nigeria faces a lot of problems confronting fish marketing such as dwindling profit due to fish spoilage as post-harvest losses occur more frequently particularly in the rainy reason, lack of improved technology for the management of fish production, inefficient harvesting methods and wastefulness due to lack of infrastructural facilities. This study assessed fish marketing, distribution and consumption in Ido Local Government Area (LGA), Oyo State, Nigeria. A two-stage random sampling technique was used while descriptive statistics (frequency distribution and percentage frequencies) and inferential statistics (such as multiple regression analysis and budgetary analysis) were used for the analysis. The study concluded that fish marketing was a profitable business though with a small profit margin. The study thus recommended that micro lending programmes should be given a needful attention and priority to increase the entrepreneurs’ income and bring about a massive economic prospect for Ido LGA in particular and Oyo State Nigeria in general.

Key words: constraints, consumption, determinant, fish, marketing, profit

INTRODUCTION
Fish is a vital source of good quality protein needed in human diets. It has the highest level of easily metabolizable protein, fats, vitamin, calcium, iron and essential amino acids when compared to other sources of animal protein such as poultry and beef. Fish is important to the ever-increasing world population, especially in most parts of Africa, as it is the major source of cheap, high quality and most affordable animal protein, contributing 50-60% of the animal protein intake of the population especially in rural communities (Ayoola, 2010).

There is rising need for protein in human diet due to rising growth in population. The tropical regions mostly in developing nations require more protein so as to supply the essential nutrients which are lacking in other diets. Fish consumption has no restriction within diverse religious groups, unlike the eating of dog and pork that is forbidden in Islam (Agbelege and Ipinjolu, 2013). In addition, fish marketing is an essential aspect of fish production because the essence of production is mainly to reach the end consumers. So, marketing is described as all processes involved from the point of production of a commodity till it reaches the final consumer. Marketing is thus regarded as an integral part of socio-economic lives of the local people in connection with their production system (Agbelege and Ipinjolu, 2013).

According to Olukosi et al. (1990), marketing of fish could be considered as the performance of all commercial activities involved in the movement of fish from the harvest point (fisherman or fish farmer) to the final consumer. Marketing of fish does not take place between fisherman and consumer alone because there are numerous middlemen involvement within the link. Therefore, price of fish becomes unstable depending on the level and mode of involvement of such middlemen within a particular period of time (Olukosi et al., 1990).

As fish and fishery products are highly traded commodities, fish production is a necessary part of marketing process. Marketing fish and fish products in Nigeria starts from the harvesting stage to the value chain where it then gets to the final consumer. Both men and women play key roles in marketing and distribution of fish in Nigeria (Atanda, 2009).

Efficient marketing system is significant in a country under all conditions and at all its development stages. Therefore, effective marketing system will locate areas of surpluses and link them to areas of shortages. The marketing relationship between fish traders and fishermen is often long-lasting, providing an assured market outlet to the small-scale artisanal fishermen and a source of steady supply to the trader. Marketing plays a vital role in a market economy and its role as an incentive to fish rearing and productivity cannot be over emphasized (Olukosi et al., 1990).
However, it is worthy of note that the lesser familiar a species is, the lower the acceptability or the demand. People’s tastes are formed slowly and strongly influenced by traditional eating habits. Likewise, the higher the prices of fish species, the lower the demand and vice versa because poor people usually prefer cheaper substitutes. In developing countries like Nigeria, a lot of problems confront fish marketing such as dwindling profit due to fish spoilage as post-harvest losses occur more frequently particularly in the rainy reason, lack of improved technology for the management of fish production, inefficient harvesting methods and wastefulness due to lack of infrastructural facilities (Nwabunike, 2015).

Furthermore, poor production and marketing policies, unhealthy rivalry among traders, poor transportation network, tribalism and ethnicity among others were also identified as challenges facing fish marketing in Nigeria (Nwabunike, 2015). Since proper marketing of fish ensures that fish is made available to all and sundry, it therefore becomes imperative that assessment of fish marketing be carried out to determine the viability and effectiveness of marketing system of fish. Considering the significance of the fish in the local economy, and likely impacts on the earnings of local fish marketers as a result of marketing upheaval, this paper seeks to answer the following questions: (i) what are the factors influencing fish marketing in the study area? (ii) What are the constraints associated with fish marketing? (iii) What are the marketing distribution channels adopted by the fish marketers and (iv) how much is the cost of production and supply of fish, the revenue and the marketing margin obtained in the study area?

MATERIALS AND METHODS

Area of Study
Ido is a local government area (LGA) in Oyo State, Nigeria. Its headquarters is in the town of Ido. It has a land area of 986 km². As at 2019 when the study was executed, population stood at 143,533, a value being a projection from the 2006 population figure. Ido LGA covers the area spanning Apata, Ijokodo, Omi-Adio, Akuto and Apete. This LGA shares boundaries with Oluyole, Ibarapa East, Akinyele, Ibadan South-West and Ibadan North-West LGAs in Oyo State and also with Odeda LGA in Ogun State.

The council formerly has six wards, which had been increased to ten for easy exercise of franchise. Among the major towns within the GA are Ijokodo, Ido, Omi-Adio, Apata, Apete, Akuto and Bakatari as well as about 612 villages which include Ogunweide, Dada, Olowofela, Apooyin, Oderemi, Odetola, Erinwusi, Tade, Alagbaa, Iku-senla among others. On the account of extensive fertile soil, which is suitable for agriculture, the basic occupation of the people is farming. There are large hectares of grassland which are suitable for land and aquatic animal domestication, vast forest reserves and rivers. People in the area grow varieties of cash crops such as cocoa, kola nut, palm oil, timber and food crops such as maize and rice. The area is also suitable for a wide range of edible fruits.

Sampling Procedure and Sample Size

The study utilized a two-stage random sampling technique. In the first stage, simple random sampling technique was used to select four towns (namely: Apata, Omi-Adio, Ijokodo and Apete) out of twelve major towns in Ido LGA. In the second stage, 25 respondents from the four towns were randomly selected in each town totaling one hundred respondents. In this survey, the respondents were household heads who engage in fish marketing. Moreover, the questionnaire had detailed questions on socio-economic characteristics of the marketers (such as age, sex, level of education, etc), marketing experience, marketing channels and problems associated with fish marketing as well as factors influencing fish marketing in the study area. The survey data were obtained for the year 2019, and it was based on one-year recall period. All the 100 questionnaires distributed to the sample respondents were retrieved, and hence, findings of this study are based on 100 respondents. The survey was carried out between March 2019 and November 2019.

Data Analysis

Descriptive statistics (which included frequency distribution and percentage frequencies) and inferential statistics (such as multiple regression analysis and budgetary analysis) were used to analyze the data for this study.

Model Specification

a. Regression model

Multiple regression models were used to determine the influence of socioeconomic factors, purchase price and other marketing costs on the fish marketing margin. The model can be explicitly stated as:

\[ Y = f(X_1, X_2, X_3, X_4, X_5, X_6, X_7, X_8, X_9, e) \quad \ldots (1) \]

where \( Y \) is marketing margin, \( b_0 \) is intercept, \( b_2 \) is the slope (co-efficient), \( X_1 \) is a vector of explanatory variables and is described as follows: \( X_1 \) is age of respondent (in years), \( X_2 \) is level of education (formal education = 1, non-formal education = 0), \( X_3 \) is gender of the respondents (Dummy: 1 = male; 2 = female), \( X_4 \) is access to credit facilities (credit is available = 1, credit is not available = 0), \( X_5 \) is membership of association (membership = 1, non-membership = 0), \( X_6 \) is lack of capital, (capital is available = 1, capital is not available = 0), \( X_7 \) is high cost of production (in Naira), and \( e \) is error term. Following Olayemi (1998), the relationship between the endogenous variable and each of the exogenous variables were examined using linear, exponential, semi-log and double-log functional forms. The lead equation was chosen based on the coefficient of
determination (R²) value, statistical significance and economic theory that support fish marketing.

The equations of the functional forms are also specified. Four functional forms were fitted into the analysis, the models being: linear, exponential, double-log and semi-log functional forms:

*Linear:* \[ Y = b_0 + b_1 X_1 + b_2 X_2 + b_3 X_3 + ... + b_n X_n + e \]  
*Semi-log:* \[ \text{log } Y = b_0 + b_1 \text{log } X_1 + b_2 \text{log } X_2 + b_3 \text{log } X_3 + ... + b_n \text{log } X_n + e \]  
*Exponential:* \[ Y = b_0 + b_1 X_1 + b_2 X_2 + b_3 X_3 + ... + b_n X_n + e \]  
*Double-log:* \[ \log Y = b_0 + b_1 \text{log } X_1 + b_2 \text{log } X_2 + b_3 \text{log } X_3 + ... + b_n \text{log } X_n + e \]

b. Budgetary technique

The budgetary technique which involves the cost and return analysis was used to determine the Marketing Margin (MM) of the respondents. The model specification is given as:

\[ \text{GM }\% = \frac{\text{TR} - \text{TC}}{\text{TR}} \times 100 \]  
where GM is gross margin as a percentage, TR is total revenue (₦) (price/kg × the quantity sold), and TC is total cost (₦), consisting of the cost of purchase in month, the cost of storage in Naira per month and the cost of transportation in Naira per month, facilitating cost, and cost of labour per month.

RESULTS

The study identified among other things different types of fish that were available for the marketers in the study area. Though, other types of fish may be sold occasionally but their availability depends on seasonality. So, the most common types of fish in terms of availability and accessibility by the fish marketers regardless of seasonal characteristics include: Kote (horse mackerel) (14%), Panla (blue whiting) (15%), Shawa (herrings) (18%), Alaran (17%), Tilapia (14%), Sardine 11% and Titus (11%).

Aside this taxonomic identification, that the average minimum cost price of fish in the study area was ₦900 per kg. Table 3 thus reflects the marketing price of fishes in Ido LGA.

Factors Influencing Variation in Marketing Margin

The regression analysis was used to predict the influence of the hypothesized explanatory variables on the marketing margin (profitability indicator). The results of ordinary least squares multiple regression are presented in Table 1.

Based on the analysis from the exponential function, the result shows that 73% of the variation in the factors affecting marketing of fish in the study area was explained by the exogenous (independent) variables included in the model. The study shows that there was a significant (p < 0.05) relationship between participation in fish marketing and the age, household size, access to credit facilities, cost of production, and education of the fish marketers.

Constraints Associated with Fish Farming

The study identified some of the constraints associated with fish marketing in the study area. The result showed that 38% of the fish marketers strongly agreed that poor sales price was negatively affecting their sales while about 34% of them agreed with same. In addition, 42% strongly agreed that high cost of production was a constraint as 25% of them agreed with same and half (50%) of the fish marketers agreed with the fact that they experienced low patronage while 17% of them strongly agreed with the same. Also, 59%, 63%, 57%, 61%, 56% and 63% of the fish marketers identified insufficient fund, poor handling, packaging and processing facilities, lack of capital, inadequate storage facilities, lack of price stability and small enterprise with low earnings respectively as series of constraints they were facing in both agreed and strongly agreed categories (Table 2).

Marketing Price

This section presents the market price of different types of fish in the study area. Findings indicated that the average minimum cost price of fish in the study area was ₦600 per kg while the average maximum price was ₦900 per kg. Table 3 thus

| Table 1: Determinants of marketing margin | Intercept | Linear function | Exponential function | Double-log | Semi-log function |
|-------------------------------------------|-----------|----------------|----------------------|------------|------------------|
| Constant                                  | 2.094     | 5.22           | -2.30                | 6.93       |                   |
| X₁                                         | (0.27)    | (0.01)*        | (0.19)               | (0.02)*    |                   |
| X₂                                         | -0.28     | -2.26          | -0.96                | 0.03       |                   |
| X₃                                         | (0.82)    | (0.02)*        | (0.35)               | (0.97)     |                   |
| X₄                                         | 1.11      | -1.19          | 0.35                 | -2.39      |                   |
| X₅                                         | (0.28)    | (0.16)         | (0.71)               | (0.13)     |                   |
| X₆                                         | 0.05      | 2.09           | 0.63                 | -1.02      |                   |
| X₇                                         | (0.68)    | (0.02)*        | (0.53)               | (0.48)     |                   |
| X₈                                         | -0.61     | 0.94           | 0.86                 | 1.27       |                   |
| X₉                                         | (0.06)*   | (0.27)         | (0.33)               | (0.14)     |                   |
| X₁₀                                        | 0.16      | -5.87          | -1.17                | 1.35       |                   |
| X₁₁                                        | (0.14)    | (0.02)*        | (0.19)               | (0.39)     |                   |
| X₁₂                                        | -2.22     | -1.57          | -0.01                | 3.71       |                   |
| X₁₃                                        | (0.03)*   | (0.04)*        | (0.22)               | (0.00)*    |                   |
| R²                                         | 0.59      | 0.73           | 0.51                 | 0.67       |                   |
| F-Value                                    | 1.56      | 23.90          | 7.08                 | 13.50      |                   |
| N                                          | 100       | 100            | 100                  | 100        |                   |
| Std. error                                 | 0.51      | 0.19           | 2.81                 | 8754.00    |                   |

Source: Field survey 2019

reflects the marketing price of fishes in Ido LGA.
Marketing Channels

Table 4 describes marketing channels adopted by the fish marketers in the study area. In terms of the sources of fish supply, it can be deduced that most fish marketers (64%) stocked their fish from the middlemen while 36% stocked theirs directly from the producers (fish farms). In the same vein, the marketing channel that most of the fish sellers (65%) adopted was retail trade while 36% practiced wholesales marketing system, two percent of the fish marketers were commissioned agent. More so, for every 10 marketers, 6 waited for customers to come and buy fish in their shop, 8% used to engage in home delivery, 6% used to sell fish through sales representatives while 27% indicated hawking as means through which they sell their fish.

| Constraints                          | Strongly Agree N (%) | Agree N (%) | Disagree N (%) | Strongly Disagree N (%) |
|--------------------------------------|----------------------|-------------|----------------|-------------------------|
| Poor transportation                  | 11 (11.0)            | 27 (27.0)   | 40 (40.0)      | 22 (22.0)              |
| Lack of ready-made market            | 22 (22.0)            | 24 (24.0)   | 25 (25.0)      | 29 (29.0)              |
| Poor sales price                     | 38 (38.0)            | 34 (34.0)   | 18 (18.0)      | 10 (10.0)              |
| Lack of labour                       | 22 (22.0)            | 21 (21.0)   | 27 (27.0)      | 30 (30.0)              |
| High cost of production              | 25 (25.0)            | 42 (42.0)   | 30 (30.0)      | 3 (3.0)                |
| Lack of buyers                       | 18 (18.0)            | 30 (30.0)   | 43 (43.0)      | 9 (9.0)                |
| Low patronage                        | 17 (17.0)            | 50 (50.0)   | 27 (27.0)      | 6 (6.0)                |
| Insufficient fund                    | 24 (24.0)            | 35 (35.0)   | 23 (23.0)      | 18 (18.0)              |
| Poor handling, packaging & processing facilities | 21 (21.0)            | 42 (42.0)   | 35 (35.0)      | 2 (2.0)                |
| Lack of capital                      | 21 (21.0)            | 36 (36.0)   | 38 (38.5)      | 5 (5.0)                |
| Inadequate storage facilities        | 24 (21.0)            | 37 (37.0)   | 27 (27.0)      | 12 (12.0)              |
| Price instability                    | 24 (24.0)            | 32 (32.0)   | 30 (30.0)      | 14 (14.0)              |
| Small enterprise with low earnings   | 32 (32.0)            | 31 (31.0)   | 26 (26.0)      | 11 (11.0)              |
| Membership of association’s bureaucracy | 12 (12.0)        | 27 (27.0)   | 41 (41.0)      | 17 (17.0)              |

Source: Field Survey, 2019.

Table 3: Marketing price of fishes

| Market prices of fishes (₦) | Minimum price | Maximum price | Average price | Standard Deviation | Range |
|-----------------------------|---------------|---------------|---------------|--------------------|-------|
| Cost of fishes              | 600           | 900           | 757.9         | 59.2               | 300   |
| Selling price               | 750           | 950           | 855.5         | 57.3               | 200   |
| Cost of transportation per month | 00.00         | 1000          | 95.0          | 240.2              | 1000  |
| Cost of facilitating fishes supply | 00            | 3000          | 109.6         | 319.8              | 3000  |
| Cost of storage per month   | 00            | 37000         | 9808.4        | 57.24              | 37000 |
| Cost of labour              | 00            | 7000          | 1703          | 9327               | 7000  |
| Average sale per month per kg of fishes | 900 | 1100 | 1000 | 47.9 | 1000 |

Source: Field Survey, 2019

Marketing Margin

The average cost price of fishes (stocking) in the market was ₦757 per kg. More so, the minimum selling price of fishes per kg by the marketers was ₦750 while the maximum selling price was ₦950. Findings further showed that the average selling price of fishes was ₦855 in the market. Also, the average turnover of the marketers per month was ₦855,000 ($855 × 1,000 kg of fishes). In the same vein, the average cost price per month (stocking cost) was ₦757,000. Transportation cost was one of the variable costs that determine the cost price of fish in the study area. Some marketers incurred a very little transportation cost per month probably because some of their customers used to picking their fishes themselves, hence, some costs were saved.

On the other hand, some marketers incurred a very huge transportation cost due to their locations to the market or market channels network. So, the average maximum cost of transportation was ₦1,000 and the average price of transportation was ₦950 per month. In addition, the average cost of facilitating fishes supply in the market was ₦3,000 while the average cost of storage facilities per month was ₦9,808 and the maximum cost of storing fishes per month in the market amounted to ₦37,000. Likewise, the maximum cost of labour was ₦7,000. In sum, all the running cost (TVC) amounted to ₦54,758. So, the total cost (TC) per month was ₦811,758 (i.e., TVC ₦54,758 + stocking cost ₦757,000 per 1,000 kg).
Therefore, the profit margin which is the total turnover (TR) minus the total cost (TC) (₦855,000 - ₦811,758) was ₦43,242. Likewise, the gross margin was (total revenue – total running cost) = ₦855,000 – ₦54,758 = ₦800,242.

### DISCUSSION

The results of this study suggest that majority (82%) of the fish marketers in the study area were female which implies that female gender deals more in fish marketing as a means of supporting their family for their livelihood. Most of the fish marketers also have no formal education indicating that low level of education does not affect their interest in marketing of fish, contrary to Olagunju et al. (2007) that educated fish farmers usually do well in their businesses because they may be very receptive to innovations. Further, Shawa, Alaran, Panla and Kote, Tilapia, Sardine and Titus in that order are the common marketable types of fish in Ido LGA, Oyo State.

With regard to factors influencing variations in marketing margin among fish marketers in the study area, the relationship between marketing of fish and the level of education with cost of production was negative which implies that as these two policies driven variables increase, the rate at which the fish marketers sell their products reduces. This implies that non-educated entrepreneurs highly involved in fish marketing in the study area. Part of the reasons for this possibility might be due to the fact that most elites might not be favourably disposed to venturing into fish marketing considering the outdated and primitive ways of managing the business. Though Pala (1976) posited contrary evidence to the finding of this study where he argued that formal education is an important factor in the performance and management of fish marketing and fishery sector in general. With regard to high production cost, it is plausible to assume that high cost of production has tendency of lowering the sales of fish because of the possible reduced turnover. For instance, Babalola et al. (2015) identified high cost of preservation as a major constraint to sales of fish in Ogun State.

In addition, productive age of 35 and above was a significant predictor of fish marketing. That is, majority of the fish marketers are in their active age suggesting that the business has high sustainability tendency since it is dominated mostly by the youth (Babalola et al., 2015). Findings further showed that access to credit facilities is a driver of sustained participation in fish marketing in the study area.

In terms of marketing channels, some fish marketers stocked their fish from the middle men while some stocked theirs directly from the producers (fish farms). Although retail marketing was the most common channel adopted while 36% practiced wholesales marketing system, only 2% passed through commissioned agent. More so, for every 10 marketers, 6 waited for customers to come and buy fish in their shop, 8% used to engage in home delivery, 6% used to sell fish through sales representatives while 27% indicated hawking as the means through which they sell their fish. This outcome correlates with the findings of Omeje et al. (2020) who avowed similar result that the main fish buyers in Kainji Lake Basin of Nigeria were middlemen. That is to say that about 53.8% of the fish marketers buy and resell to others (processors, consumers, farmers, etc.). Likewise, the findings also showed that the majority (91%) of the fish marketers adopted value addition method to their products as one tenth of them did not explore value addition to their product. Concerning the value addition method adopted, above half of the marketers indicated a good customer relation as the value addition method they used to adopt, 23% indicated advertisement as the value additional method they adopted, one-tenth of the fish marketers and 2% indicated package as the value additional method they adopted.

Further, in terms of constraints associated with fish marketing, majority of the fish marketers were facing one constraint or the other which hinder the free flow of their market to the final consumers. These constraints include poor sale price, high production cost, low patronage, insufficient fund, poor handling, packaging and processing facilities, lack of capital, inadequate storage facilities, lack of price stability and small enterprise with low earnings. This finding is in tandem with the findings of Babalola et al. (2015) who identified the high cost incurred in preserving the fishes, huge initial expense, price instability, inconsistent and high transport cost while carrying out research on economic potentials of fish marketing and women empowerment in Ogun State. In the same vein, Ashiru (2011) identified lack of capital, price instability, poor handling, packaging and processing. Inadequate operating capital, transport and market information were reported as major constraints to fish marketing system in Ibarapa zone. Others are: scarcity of feeds, inadequate training and insufficient supply of fingerlings (Banjo et al., 2009).

Similarly, lack of capital was found to be significant but negatively correlated with fish marketing in the study site. This outcome implies that as much as the fish marketers continue to suffer from capital dwindling, the likelihood of boosting their sales becomes waning. It is somewhat rational considering the fact that every business needs increased fund to thrive particularly in a highly competitive marketing system.

### Table 5: Budgetary analysis of marketing margin

| Item             | Cost (₦) per month | Income (₦) per month |
|------------------|---------------------|----------------------|
| Storage          | 37,000              |                      |
| Labour           | 7,000               |                      |
| Logistics (e.g., calls, incentive) | 950 |                      |
| Transportation   | 9,808               |                      |
| Stocking of fish per 1000 kg | 757,000 |                      |
| Total cost       | 811,758             |                      |
| Total Income     | 855,000             |                      |
| Gross Margin     | 43,242 = 855,000 × 100 = 5.057 | |
| Profitability index | = 0.057          |                      |

Source: Field Survey, 2019
This result agrees with Omeje et al. (2020) who posited that capital is needed to purchase land, feed, construct ponds, buy drugs etc. hence, capital is considered sine qua non to fish farming.

Furthermore, marketing of fish in Ido LGA, Oyo State was profitable having a gross margin of 5.057 while the profitability index was 0.057. This outcome implies that for every ₦1,000 spent on fish marketing, ₦57 was realized as profit. Thus, fish marketing in the study area was profitable though with mild profit margin. The outcome therefore conforms to Ashiru (2011) who noted that fish farmers get little return from their businesses due to the interference of middlemen activities. It can be deduced that the most fish marketers stocked their fish from the middle men as this might be responsible for the low profit margin among other constraints.

This result agrees with the findings of Awe et al. (2012) on Irvingia kernels marketing in Akure, Ondo State which returned ₦650 as profit on every ₦1,000 cost price expended by the sellers. Likewise, the study gave a robust backing for comparable researches by Azeez et al. (2011; 2015) using similar methodology for different merchandises (woodcraft and fuel wood enterprises) where a sum of ₦100 and ₦750 (investment worth) were realized respectively for every ₦1,000 spent on the total investments. In contrast, there was a marketing inefficiency of fresh fish (Clarias gariepinus) marketing system in major towns of Ibarapa zone, Oyo State, Nigeria (Ayanboye et al., 2015).

CONCLUSION
In this paper, we analyzed factors influencing fish marketing in the study area using multiple regression models. Moreover, we evaluated various challenges facing the fish marketers; the marketing channels adopted; the cost, the revenue and the marketing margin of fish marketing in Ido LGA, Oyo State. The study concluded that age, level of education, lack of capital, high cost of production and access to credit facilities were the factors influencing the participation of rural households in fish marketing in Ido LGA. It also concluded that fish marketing was a profitable business but with a minor profit margin. Furthermore, the constraints identified were lack of capital, price instability and poor handling, packaging and processing.

RECOMMENDATIONS
Based on the findings of this study, some recommendations are made. Since it was discovered in the course of the study that fish sellers encountered some constraints that somehow bothered on poor handling, processing and packaging of fish products, it is hereby recommended that government should, as a matter of policy intervention, subsidize the cost of procuring necessary technology (machines) that will remove virtually most of the constraints being faced by the fish marketers as against the tedious traditional processing methods hitherto being used by the marketers.

Arising from the fact that fish marketing was a lucrative business in the study area, Government should make the business more attractive through its various value chains to improve its sustainability. Likewise, policy measure such as micro lending programmes should be given a needful attention and priority to increase the entrepreneurs’ income and brings about a massive economic prospect for Ido LGA in particular and Oyo State Nigeria in general.

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