Customer Satisfaction on Service Quality or Product Quality: A Case Study at Fast Food Restaurant in Jabodetabek

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Received: 2nd September 2020/ Revised: 20th October 2020/ Accepted: 18th January 2021

How to Cite: Kristiawan, Y., Hartoyo, & Suharjo, B. (2021). Customer Satisfaction on Service Quality or Product Quality: A Case Study at Fast Food Restaurant in Jabodetabek. Binus Business Review, 12(2), 165-176. https://doi.org/10.21512/bbr.v12i2.6672

ABSTRACT

Along with the increasing number of fast food restaurant (FFR), the level of competition has also increased. Business owners and managers of FFR are required to provide quality services and products to maintain their existence. Product and service quality and customer satisfaction have a close relationship with company profits. Customer satisfaction is determined by customers’ perceptions regarding product or service performance to meet customer expectations. The research aimed to determine the factors that influenced customer satisfaction of the FFR. The research was conducted in FFR in Jabodetabek using a descriptive approach with survey methods and convenience sampling techniques. Using the Structural Equation Model (SEM), the researchers analyzed several factors that influenced customer satisfaction: service and product quality. The results illustrate that service quality affects customer satisfaction. Satisfied customers will revisit the FFR. However, product quality has no direct effect on customer satisfaction. To improve customer satisfaction, the management of FFR must pay attention to the attributes that contribute greatly but receive low ratings from customers. It consists of the coolness of the room when customers eat and greetings from officers when customers leave the restaurant. Owners and managers of FFR are required to provide service and product quality to maintain their existence.

Keywords: customer satisfaction, service quality, product quality, fast food restaurant

INTRODUCTION

The fast food restaurant (FFR) industry is one of the growing food and beverage industries (USDA, 2017). The large market potential encourages many FFR to expand, including opening new outlets in strategic locations, launching new menus, and providing various promotions to attract customers’ interest. In Indonesia, the number of FFR has grown quite a lot. In 2016, the number reached 6,129 outlets, including 1,512 chicken outlets and 1,279 Asian FFR outlets. The number of FFR outlets contributed significantly to the total sales value, especially during 2013-2016, which continued to increase as described in Table 1 (USDA, 2017).

The amount of sales value generated by FFR in Table 1 reflects the transactions by customers. Customers not only consume products or services but also carry out an evaluation process of goods or services. It is a part of the customers’ decision process, namely the post-consumption evaluation stage. The result is that customers are satisfied or dissatisfied with the goods or services. This satisfaction will encourage customers to re-buy these goods or services. Satisfaction occurs when customers’ expectations match the perceived performance of the goods or services and vice versa (Blackwell, Miniard, & Engel, 2012). Thus, customer satisfaction is one of the main
elements for the success of a business.

Along with the increasing number of FFR, the level of competition also increases. Owners and managers of FFR are required to provide service and product quality to maintain their existence. Various studies of customer behavior show that business owners or managers need to pay attention to the factors driving customer satisfaction (Namkung & Jang, 2007).

Various researchers show that product and service quality, customer satisfaction, and profitability have a close relationship. The constructs of service quality, food quality, and perceived value significantly affect customer satisfaction in FFR (Qin, Prybutok, & Zhao, 2010). The higher the quality of products and services is, the higher the customers will be satisfied. The American Society for Quality Control defines quality as the totality of features and characteristics of a product or service that depend on its ability to satisfy customer needs (Kotler & Keller, 2012). Meanwhile, service is described as the efforts of producers to provide satisfaction to customers. Through service, customers’ needs and expectations can be met. According to Kotler and Keller (2012), service is an action or activity that can be offered by one party to another. It is basically intangible and does not result in any ownership. The level of service quality, in this case, cannot be assessed from the company’s point of view but must be assessed from the customer’s point of view (Kukanja, Omerzel, & Bukovec, 2017).

In general, service quality results in high satisfaction, followed by customer repurchasing and reusing service. In formulating service strategies and programs, the company must be oriented to customers’ interests by paying attention to the components of service quality (Kukanja & Planinc, 2019). The measurement of service quality is more difficult than product quality (Nguyen, Nisar, Knox, & Prabhakar, 2018). Measuring service quality from the process of service delivery is essential, in addition to the outcome of a service.

According to Wirtz and Lovelock (2016), standards and measurements of customer-based service quality can be grouped into two categories: hard and soft. In hard standards measurement, the characteristics and activities of the service process can be calculated, timed, and measured through an audit. On the other hand, the service process in soft measurement cannot be easily observed, and information must be collected through communication with customers, employees, or others. However, soft measurement can provide direction, guidance, and feedback for employees regarding efforts to achieve customer satisfaction. In addition, through this measurement, satisfaction can be quantified by measuring customers’ perceptions and beliefs.

One alternative to measuring service quality is through a customer journey, which is usually contained in a service blueprint document. The customer journey for the received services is the main part of the service blueprint document (Wirtz & Lovelock, 2016). It can be a reference for organizations to identify potential points of failure in providing services and improve organizational efficiency and effectiveness (Chuang, Kuo, & Luo, 2020). By paying attention to the flow of the customer journey, the service blueprint emphasizes the importance of interactions between customers and employees. Processes that are not designed properly and correctly will result in poor service quality. It has the potential to create a bad experience for customers regarding the received service quality. Process design that is not optimal will also hinder employees from carrying out their roles and functions. Hence, it increases the risk of failure in service delivery. A service failure will have a negative impact on customer satisfaction and ultimately affect the company’s performance to gain profit (Fitria & Yuliati, 2020).

Referring to the explanation mentioned, service quality in the research refers to a blueprint document for the services of one FFR by taking into account the customer journey in the restaurant. There are seven customer journey flows in FFR: entering the

| Fast Food (Chain and Independent) | Year | Contribution per Year (%) | Growth of Outlets (%) |
|----------------------------------|------|---------------------------|-----------------------|
|                                  | 2013 | 2014 | 2015 | 2016 | 2013/2014 | 2014/2015 | 2015/2016 |
| Asian                            | 1.668 | 1.712 | 1.490 | 1.512 | 30 | 29 | 25 | 25 | 2.6 | -13.0 | 1.5 |
| Chicken                          | 1.177 | 1.226 | 1.238 | 1.279 | 21 | 21 | 21 | 21 | 4.2 | 1.0 | 3.3 |
| Total                            | 5.558 | 5.934 | 5.915 | 6.129 | 100 | 100 | 100 | 100 | 6.8 | -0.3 | 3.6 |

| Value (In Million (Rupiah))      |      |      |      |      |      |      |      |
|----------------------------------|------|------|------|------|------|------|------|
| Asian                            | 6.116 | 6.902 | 6.039 | 6.426 | 36 | 35 | 30 | 30 | 12.9 | -12.5 | 6.4 |
| Chicken                          | 5.496 | 6.147 | 6.315 | 6.728 | 32 | 31 | 32 | 32 | 11.8 | 2.7 | 6.5 |
| Total                            | 17.122 | 19.596 | 20.038 | 21.890 | 100 | 100 | 100 | 100 | 14.4 | 2.3 | 5.7 |

(Source: Euromonitor in GAIN Report in 2014–2017)
restaurant, ordering food, payment transactions, taking condiments (sauce or cutlery), eating a meal, washing hands and personal needs, and leaving the restaurant. Through this flow, the measurement of service quality in FFR can be done comprehensively.

Service quality is very influential in creating customer satisfaction, as stated by the various researchers. It is also confirmed by the research results of Qin and Prybutok (2009) and Lai (2015). Service quality has a positive and significant impact on customer satisfaction. However, it is different from Purwanto, Deny, and Tansil (2016). Customer satisfaction and loyalty are not influenced by the received service quality. In this case, customer satisfaction is more influenced by the environment, food quality, and perceived value. Based on the findings of previous research, the first hypothesis can be formulated as follows.

H1: There is a positive and significant relationship between service quality and customer satisfaction.

Next, product quality is a driving force for customer satisfaction (Febryanto & Bernarto, 2018). Customers will compare the perceptions of characteristics in the product quality before and after using the product (Serhan & Serhan, 2019). The overall evaluation of customers on the positive performance of goods or services will influence their purchasing behaviors (Zhong & Moon, 2020). Product quality is a factor that significantly affects customer satisfaction (Ramdhani, Daryanto, & Rifin, 2015; Iskandar, Nurmalina, & Riani, 2015). Similar findings are also stated by Purwanto et al. (2016). The latent variable of product quality has a significant relationship to customer satisfaction. It is also confirmed by Suchánek, Richter, and Králová (2017) that product quality has a close relationship with customer satisfaction.

Research conducted by Namkung and Jang (2007) not only measures the relationship between overall product quality and customer satisfaction and loyalty but also identifies the determinants of product quality. The determining factors for the product quality are food presentation, food variety, healthy options, food taste, food freshness, and food temperature. However, only three factors affect customer satisfaction: food presentation, food taste, and food temperature. Meanwhile, another research also uses several factors in measuring overall product quality (Kabir, 2016). The factors are food taste, food temperature, menu variety, food safety, healthy meal options, food appearance, and freshness. However, the research does not test each factor, but it measures the overall quality of the product. Nevertheless, the results indicate that product quality is an important variable that affects customer satisfaction, especially in a burger chain restaurant. Similarly, the research by Serhan and Serhan (2019) uses factors of freshness, taste, nutritional aspect, and portion size as measures of food quality.

By referring to these various findings, product quality in the research can be interpreted as a positive performance of all product characteristics, including presentation or appearance, taste, temperature, product variety, freshness, and safety. In addition, the research also adds an important aspect for food quality in Indonesia’s context, namely halal-certified food. Therefore, referring to the findings, the second hypothesis is formulated as follows.

H2: There is a positive and significant relationship between product quality and customer satisfaction.
The purpose of the research is to examine the factors that influence customer satisfaction in the context of FFR in Jabodetabek. Figure 1 shows the used research hypotheses. The results can be used as input for the management of FFR in Jabodetabek to evaluate the factors that affect customer satisfaction. These efforts play an important role in the sustainability of the business in the future.

METHODS

The research is conducted at FFR in Jabodetabek (Jakarta–Bogor–Depok–Tangerang–Bekasi) with a descriptive approach. The descriptive approach is used to obtain information on the characteristics of the object of research factually, systematically, thoroughly, and accurately. Since there is no customer list which is the sample frame, the probability sampling technique is difficult to apply. Most FFRs do not have a customer list. For this reason, the research uses a non-probability convenience sampling technique. The sample is selected from customers who act as direct decision-makers and strongly influence their group to make purchases at FFR, especially in the last three months. The number of samples is 383 respondents. Primary data collection is obtained through direct interviews with customers at the research location using a questionnaire as a data collection instrument. Measurements are made using a Likert scale, with strongly disagree to strongly agree (score of 1 to 5). The Likert scale is suitable for a question with several answer choices related to the agreement (Taherdoost, 2016).

Descriptive analysis is designed to gather information, describe the ongoing situation, assess the causes of symptoms that are beyond the researchers’ control, and measure what has happened. (Sumarwan, 2011). Descriptive analysis of customers in the research is important as part of the process in introducing market segmentation of FFR, which needs to be developed in the future. In addition, this information can be used as input for service adjustments or product development according to customers’ characteristics for management.

Next, the research uses Structural Equation Modeling (SEM), assisted by LISREL software. The LISREL module is used for SEM, including confirmatory factor analysis for continuous and ordinal variables, models for relationships between latent variables, multiple group analysis, and general covariance structures (Jöreskog, Olsson, & Wallentin, 2016). SEM is a multivariate analysis technique that allows researchers to examine the relationship between complex variables, both recursive and non-recursive, to obtain an overall picture of the overall model. In addition, researchers can measure error testing that is not separated from the SEM, including carrying out the factor analysis process simultaneously with hypothesis testing (Hair Jr., Black, Babin, & Anderson, 2010). SEM analysis in the research is built with latent variables (exogenous and endogenous) and indicators. First, there is the exogenous latent variable of product quality. Second, the exogenous latent variables of service quality are reflected in the seven customer journey flows. Third, it is an endogenous latent variable of customer satisfaction. The variables and indicators in the research can be seen in Table 2 (see Appendices). Then, Figure 2 shows the SEM hybrid model.

SEM is a method that can jointly test the relationship between independent and dependent contracts (structural model) and the relationship (loading value) between indicators and constructs (latent variables) (measurement models). Combining structural model testing and measurement models allows the measurement of error testing to be an integral part of SEM and factor analysis along with hypothesis testing. The evaluation of Goodness of Fit (GoF) is conducted in several steps: overall model fit, measurement model fit (validity and reliability test), and structural model fit (Hair Jr. et al., 2010).

In GoF testing, there is no single statistical test tool to measure or test hypotheses about the model in SEM analysis. Generally, there are various types of good fit indexes. For example, several GoF measurements include Chi-Square Statistic ($\chi^2$), minimum sample discrepancy function/degree of freedom (CMINDF), Goodness of Fit Index (GFI), Adjusted Goodness of Fit Index (AGFI), Tucker Lewis Index (TLI), Comparative Fit Index (CFI), and Root Mean Square Error of Approximation (RMSEA).

The validity and reliability tests of SEM analysis are carried out after the measurement of the fit model, and the overall data are good. Both tests are carried out by evaluating the relationship of each latent variable with the observed variable separately. If the t-value (loading factor) is $\geq 1.96$, or the standard loading factor is $\geq 0.70$, it can be said that the indicator variable is valid. Meanwhile, the indicator is declared reliable if it has Construct Reliability (CR) $\geq 0.70$ and Variance Extracted (VE) $\geq 0.50$ (Hair Jr. et al., 2010).

Structural model fit is a process of testing the hypothesis. It is carried out by means of a statistical test, namely the t-test. The proposed hypothesis that is accepted has a t-value $\geq 1.96$ with the desired significance level of 0.05 (Hair Jr. et al., 2010).

Information about the Customer Satisfaction Index (CSI) is also presented in the research. CSI is categorized as a non-financial measurement for companies to determine the level of customer satisfaction (Rajendran & Suresh, 2017; Ajami, Navarro Elola, & Pastor, 2018). The CSI can be measured by weighted techniques (weighted CSI) on each indicator to compile satisfaction, as found in exogenous latency. After the weights have been obtained, it is possible to calculate the percentage of the number of satisfying answers by the customers for each indicator of exogenous latency.

The satisfying answer refers to the top two boxes in the form of agree (score 4) and strongly agree (score 5) answers on the constituent indicators of satisfaction.
(exogenous latent). Thus, CSI is obtained by the total of all the multiplication results between the weights and the percentage of the number of satisfying answers for each indicator, which amounts to “n” pieces (see Equation 1).

$$CSI = \sum (\text{weight} \times \text{the } \% \text{ of the numbers of satisfied answer})$$

(1)

RESULTS AND DISCUSSIONS

Demographic analysis is needed to determine the characteristics of customers in FFR based on gender, age group, marital status, education level, occupation, and average expenditure per month are in Table 3 (see Appendices). Understanding the demographic characteristics of customers is an important part of understanding fast food market segmentation that needs to be developed in the future. Marketing strategy is expected to be more targeted according to market potential or opportunity.

An index categorized as a fit model does not guarantee that the model is fit and vice versa. Therefore, the researchers provide several alternative measurements of GoF that can be used together or in combination to assess the degree of fit of a model show in Table 4 (see Appendices). In addition, many alternative measurements have been developed to reduce the bias of the fit model (Hair Jr. et al., 2010).

The Chi-Square fit test functions to measure how close the covariance matrix the predicted results are and the data sample covariance matrix. In practice, the p-value is expected to be ≥ 0.05 that H0 is not rejected, so there is no difference between the results of the predicted covariance matrix with the sample covariance matrix of data. Therefore, it can be stated that the model is good. The p-value in the research is 1.00 or greater than 0.05. Meanwhile, RMSEA is a
measure of the average expected difference per degree of freedom in the population. The RMSEA is an index to compensate for Chi-Square in a large sample. The RMSEA value can be said to be a good fit if it is lower than 0.08. In the research, the RMSEA value is 0.00.

Meanwhile, GFI is a measure of the accuracy of the model in producing the observed matrix covariance. This GFI value should range from 0 to 1. The closer the number to 1 is, the better the model can be said. Researchers often use a greater number than 0.90 to assess the fit of a model based on the GFI value. The GFI value in the model fit test is 0.993. In AGFI, there is an adjustment in the effect of the degree of freedom on the model. The accepted AGFI size is above 0.90. Meanwhile, the NFI value is the amount of mismatch between the target model and the base model. NFI values range from 0 to 1. The terms of the NFI value can be said to be a good fit if it is 0.95.

SEM analysis not only produces model fit but also informs about the measurement of model fit. The indicator variable of a latent variable is consistent or reliable if it has a value of CR ≥ 0.70 and a value of VE ≥ 0.50 (Hair Jr. et al., 2010). The CR and VE values of each latent variable in the research are presented in Table 5 (see Appendices). All indicator variables of each latent variable show a CR value of more than 0.70. It shows that all indicator variables can measure their latent variables. There is not a single VE value that is lower than 0.50. It indicates that all indicator variables can consistently measure the existing latent variables.

Table 6 Estimation Result of Path Coefficient and T-Test of SEM Model

| The relationship between variables | Path coefficient | T-test |
|------------------------------------|------------------|--------|
| Service quality and customer satisfaction | 0.25 | 2.43* |
| Product quality and customer satisfaction | 0.21 | 1.64 |

Notes:
*The confidence level is 95%, if t-test is ≥ 1.96, it is significant
**The confidence level is 99%, if t-test is ≥ 2.56, it is significant

The calculation results in Table 6 show that there is one t-test result that is less than 1.96, which is 1.64. It confirms that there is no significant relationship between the exogenous latent variable of product quality and the endogenous latent variable of customer satisfaction. Meanwhile, there is a relationship between service quality and customer satisfaction. The path diagram of FFR for customer satisfaction can be seen in Figure 3 (loading factor value and significance test (t-test)). The relationship between variables can be determined by performing a significance test (t-test). The confidence level used is 95% (significance level of 0.05) and a t-value of 1.96. The significance is determined by the t-value of each variable which is less than the t-table value (1.96). In the research, it is known that only one variable influences customer satisfaction, namely service quality.

The relationship between service quality and customer satisfaction has a t-test value of more than 1.96, which is 2.43. It means that service quality has a significant effect on customer satisfaction. This result is in line with Qin et al. (2010), Ramanathan, Di, and Ramanathan (2016), and Fitria and Yuliati (2020), who stated that service quality has a positive influence on customer satisfaction. Similarly, Kabir (2016) and Shahzadi, Malik, Ahmad, and Shabbir (2018) suggested that customer satisfaction was influenced by the quality of service provided. Then, Kaura, Durga Prasad, and Sharma (2015) stated that service quality directly affected customer satisfaction, although service quality dimensions are different from the research (ServQual). In short, the better the quality of service received by customers is, the more customer satisfaction will also increase. However, this result is different from the research by Purwanto et al. (2016). Satisfaction is not influenced by the quality of service perceived by customers.

Based on the analysis, the relationship between product quality and customer satisfaction has a less t-test than 1.96, which is 1.64. It means that product quality has no significant effect on customer satisfaction. This result is in line with Sabir, Irfan, Akhtar, Pervez, & Ur Rehman (2014). Product quality has a weak relationship with customer satisfaction. However, these results differ from Iskandar et al. (2015) and Purwanto et al. (2016). Product quality has a direct and significant effect on customer satisfaction. Similar findings are also stated that product quality has a significant relationship to customer satisfaction (Shariff et al., 2015; Kabir, 2016). Although product quality in the research does not significantly affect customer satisfaction, it does not mean that product quality is not essential in creating customer satisfaction.

Next, the overall CSI, which is expressed by feeling very satisfied when eating at FFR, is 88.72. The CSI is certainly related to the factors that affect customer satisfaction. The latent variable of product quality has a very small effect on the CSI calculation. In the SEM model results, the loading factor for the product quality is only 0.21. Meanwhile, the service quality has an influence of 0.25.

The research results related to service and product quality and customer satisfaction indicate that service quality positively and significantly affects customer satisfaction. Service quality is measured by paying attention to the customer journey at FFR. The customer journey while dining and leaving the restaurant has the greatest influence in creating good service quality. The values are 0.93 and 0.92, respectively. When customers eat a meal, the coolness of the restaurant room is a very important factor (0.79), followed by the neat arrangement of chairs.
and employees’ hospitality when cleaning tables or delivering delayed menus (0,78). To support the implementation of employees’ responsibilities, it is necessary to promote operational restaurant guidelines and regular monitoring and evaluation related to the activities of employees in FFR, such as checking room temperature and tidiness of dining areas. These guidelines must be easy to understand and apply by all employees of FFR. Some of the activities that can be regulated in these guidelines include the frequency of checking room temperature and the response to actions in dealing with problems of air conditioning units.

In addition, employees’ hospitality when customers leave the restaurant is also essential. In this case, hospitality is not just a greeting but also friendly behavior towards customers when they leave FFR. Therefore, all employees who interact with customers must be equipped with knowledge about communication and a friendly attitude and how to respond to customer complaints through training or daily briefings. Training activities must be carried out consistently within a certain period.

From the research, it appears that FFR customers tend to pay more attention to the services compared to the offered products. In the FFR industry, a restaurant usually has many branches spread over several regions and is managed by the restaurant’s head. Therefore, even though they come from companies with the same standard operating procedures, their services tend to differ from branch to branch. As a process, service is an important part of the FFR industry, not only as the result of the service itself. Delivery of service to customers starts from the process of entering the restaurant until leaving the restaurant. This process describes the customer journey, which is usually outlined in a service blueprint. Each FFR is expected to have a service blueprint that emphasizes the importance of interaction between customers and employees to maintain service quality. A well-designed and correct interaction process will certainly produce

Figure 3 Values of Loading Factor
service quality. In the research, the service quality in FFR is reflected in creating a sense of comfort when customers dine in a restaurant and the friendliness of employees when customers leave the restaurant. For this reason, FFR owners and managers are expected to continue to create comfort for all customers and provide friendly service during the operation time of the restaurant.

Other findings from the research indicate that product quality has no significant effect on customer satisfaction. In general, an FFR will offer the same type of food for all its branches. All FFRs guarantee that the products are of the same quality in all of their branches. Although product quality does not have a significant effect on customer satisfaction, it does not mean that the variables are not necessary for the development of the FFR industry.

Efforts to create good quality and sustainable products must be the concern of FFR management. Management needs to formulate policies related to product innovation, especially taste, freshness, and food safety. This attribute has a major contribution to product quality. Raw material standards are needed to maintain product freshness and safety. In addition, FFR management through the research and development team must continue to innovate in variations of food or drinks with good taste. It is important to avoid customer saturation so far. The overall CSI shows quite high results. However, restaurant management still has to maintain these achievements, especially by paying attention to the factors that influence customer satisfaction, such as service quality. In addition, the management also needs to carry out a CSI study of FFR by involving restaurant customers in general. The results of that research can be used as a comparison in increasing the CSI.

CONCLUSIONS

In the research, it is found that service quality affects customer satisfaction. The better customers receive the quality of service, the higher the level of customer satisfaction will be. Satisfied customers will revisit the FFR. The service quality provided by FFR also has a significant influence on the creation of CSI compared to the product quality. However, it does not mean that product quality is insignificant in creating customer satisfaction. FFR management must pay attention to attributes that contribute greatly but receive low ratings from customers to increase customer satisfaction. For example, the coolness of the room has a big influence when customers eat, but their ratings are still low. Another important attribute that has a low rating is the greeting from the employees when customers leave the restaurant. Along with the increasing number of FFR, the level of competition also increases. Therefore, owners and managers of FFR should provide good service and product quality to maintain their existence in the industry.

The research has a limitation that the selected respondents only come from one FFR through the convenience sampling technique. As a suggestion, future research needs to involve respondents from various FFRs to make comparisons. The selection of a more representative sample can also be applied. Furthermore, enriching the analysis can include other factors that also affect customer satisfaction to make it more comprehensive, such as customer loyalty, switching barriers, restaurant reputation, personality, and other variables. Finally, the research results can be taken into consideration by the FFR manager to evaluate the market segment and improve future performance and competitiveness.

ACKNOWLEDGEMENT

I acknowledge the effort of my supervisor, who provided insight and expertise that greatly assisted the research and the enumerator team for the sourcing of material and data for the research.

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## APPENDICES

Table 2 Research Variables and Indicators

| Variables                      | Code | Indicators                                                                 |
|-------------------------------|------|-----------------------------------------------------------------------------|
| Entering the restaurant       | x1   | Greetings from the employees                                               |
|                               | x2   | Hospitality in welcoming customers                                         |
|                               | x3   | Availability of seats                                                       |
| Ordering food                 | x4   | Greetings from employees                                                   |
|                               | x5   | Employees’ hospitality when customers order food                           |
|                               | x6   | Offering product (food and beverage)                                       |
|                               | x7   | Speed of service by the employees                                          |
|                               | x8   | The composition of the appropriate food ordered as in the menu board       |
|                               | x9   | The attractive menu board display                                          |
| Payment transactions          | x10  | Cashiers’ hospitality                                                      |
|                               | x11  | Ensuring the suitability of food and drinks ordered                         |
|                               | x12  | Various types of payments in the transaction process                       |
|                               | x13  | Clarity of the amount to be paid and the change to be received             |
|                               | x14  | Payment transaction speed                                                  |
|                               | x15  | Cleanliness in the cashiers’ desk area                                     |
| Taking condiment (sauce or cutlery) | x16  | Availability of chili sauce or cutlery                                      |
|                               | x17  | Cleanliness of the chili sauce table or cutlery                             |
|                               | x18  | The sauce pump functioning properly                                         |
| Eating a meal                 | x19  | Employees’ hospitality when cleaning the table and delivering the delayed menu |
|                               | x20  | Delayed menu delivery speed                                                |
|                               | x21  | Cleanliness of the restaurant room                                         |
|                               | x22  | The tidiness of chair arrangement                                          |
|                               | x23  | The coolness of the restaurant room                                        |
|                               | x24  | Indoor lighting                                                            |
|                               | x25  | Live music in the room                                                     |
|                               | x26  | Free of insects, such as flies, cockroaches, and others in the dining room  |
| Washing hands and personal needs | x27  | Tidiness in the sink or toilet area                                         |
|                               | x28  | Cleanliness in the sink or toilet area                                      |
|                               | x29  | Availability of handwashing soap                                           |
|                               | x30  | Hand dryer working properly                                                |
| Leaving the restaurant        | x31  | Greetings from the employees                                               |
|                               | x32  | Employees’ hospitality                                                     |
| Product Quality               | x33  | Product taste                                                              |
|                               | x34  | Product temperature                                                        |
|                               | x35  | Various menu                                                               |
|                               | x36  | Product appearance                                                         |
|                               | x37  | Product freshness                                                          |
|                               | x38  | Food safety                                                                 |
|                               | x39  | Halal products                                                              |
| Customer Satisfaction         | y1   | Overall satisfaction                                                       |
|                               | y2   | Overall service satisfaction                                               |
|                               | y3   | Overall product satisfaction                                               |
|                               | y4   | Satisfaction with overall perceived value                                  |
Table 3 General Demographic Characteristics of Respondents in FFR.

| Variable          | Categories          | Frequency | %   |
|-------------------|---------------------|-----------|-----|
| Gender            | Male                | 108       | 28,2|
|                   | Female              | 275       | 71,8|
| Age               | 15–16               | 4         | 1   |
|                   | 17–25               | 152       | 39,7|
|                   | 26–35               | 118       | 30,8|
|                   | 36–45               | 55        | 14,4|
|                   | > 45                | 22        | 5,7 |
|                   | No answer           | 32        | 8,4 |
| Marital Status    | Single              | 227       | 59,3|
|                   | Married             | 151       | 39,4|
|                   | Divorce             | 5         | 1,3 |
| Education         | Junior high school/ equivalent | 6 | 1,6 |
|                   | Senior high school/ equivalent | 194 | 50,7 |
|                   | Diploma             | 34        | 8,9 |
|                   | Bachelor            | 141       | 36,8|
|                   | Postgraduate        | 8         | 2,1 |
| Employment        | Employees           | 166       | 43,3|
|                   | Student             | 95        | 24,8|
|                   | Housewife           | 70        | 18,3|
|                   | Professional        | 13        | 3,4 |
|                   | Freelance           | 10        | 2,6 |
|                   | Business owner      | 8         | 2,1 |
|                   | Entrepreneur        | 8         | 2,1 |
|                   | Civil servants and Military | 5 | 1,3 |
|                   | Others              | 8         | 2,1 |
| Expenses (In Rupiah) | < 1.250.001      | 59        | 15,4|
|                   | 1.250.001–2.500.000 | 82       | 21,4|
|                   | 2.500.001–5.000.000 | 98       | 25,6|
|                   | 5.000.001–10.000.000 | 60      | 15,7|
|                   | 10.000.001–15.000.000 | 31   | 8,1 |
|                   | No answer           | 53        | 13,8|

Table 4 SEM model fit test results

| Goodness of Fit                                  | Cut-Off Value | Results | Information |
|--------------------------------------------------|---------------|---------|-------------|
| P-Value for Chi-Square Fit Test ($\chi^2$)        | $\geq 0,05$   | 1,000   | Model Fit   |
| Root Mean Square Residual (RMR)                   | $\leq 0.05$   | 0,0144  | Good Fit    |
| Root Mean Square Error of Approximation (RMSEA)   | $\leq 0.08$   | 0,00    | Good Fit    |
| Goodness of Fit Index (GFI)                       | $\geq 0.95$   | 0,993   | Good Fit    |
| Normed Fit Index (NFI)                            | $> 0.9$       | 1,000   | Good Fit    |
| Comparative Fit Index (CFI)                       | $> 0.9$       | 1,000   | Good Fit    |
| Non-Normed Fit Index (NNFI)                       | $\geq 0.90$   | 1,007   | Good Fit    |
| Incremental Fit Index (IFI)                       | $> 0.9$       | 1,006   | Good Fit    |
| Adjusted Goodness of Fit Index (AGFI)             | $\geq 0.90$   | 0,993   | Good Fit    |
| Variable | Code | Value of Loading Factor | T-Test | CR  | VE  | Result                  |
|----------|------|-------------------------|--------|-----|-----|-------------------------|
| ER       | x1   | 0,73                    |        | 0,78| 0,54| Valid and Reliable      |
|          | x2   | 0,72                    | 25,69  |     |     |                         |
|          | x3   | 0,76                    | 25,73  |     |     |                         |
| FO       | x4   | 0,77                    |        | 0,88| 0,55| Valid and Reliable      |
|          | x5   | 0,73                    | 24,6   |     |     |                         |
|          | x6   | 0,74                    | 24,7   |     |     |                         |
|          | x7   | 0,72                    | 24,62  |     |     |                         |
|          | x8   | 0,75                    | 24,81  |     |     |                         |
|          | x9   | 0,73                    | 23,92  |     |     |                         |
| PT       | x10  | 0,79                    |        | 0,89| 0,59| Valid and Reliable      |
|          | x11  | 0,76                    | 25,47  |     |     |                         |
|          | x12  | 0,72                    | 25,19  |     |     |                         |
|          | x13  | 0,77                    | 26,44  |     |     |                         |
|          | x14  | 0,79                    | 26,13  |     |     |                         |
|          | x15  | 0,76                    | 25,15  |     |     |                         |
| TC       | x16  | 0,80                    |        | 0,82| 0,60| Valid and Reliable      |
|          | x17  | 0,81                    | 26,56  |     |     |                         |
|          | x18  | 0,71                    | 25,32  |     |     |                         |
| EM       | x19  | 0,78                    |        | 0,91| 0,56| Valid and Reliable      |
|          | x20  | 0,76                    | 27,65  |     |     |                         |
|          | x21  | 0,77                    | 27,26  |     |     |                         |
|          | x22  | 0,78                    | 27,30  |     |     |                         |
|          | x23  | 0,79                    | 28,6   |     |     |                         |
|          | x24  | 0,77                    | 26,94  |     |     |                         |
|          | x25  | 0,65                    | 26,03  |     |     |                         |
|          | x26  | 0,69                    | 27,36  |     |     |                         |
| WH       | x27  | 0,82                    |        | 0,91| 0,73| Valid and Reliable      |
|          | x28  | 0,82                    | 26,25  |     |     |                         |
|          | x29  | 0,88                    | 27,13  |     |     |                         |
|          | x30  | 0,88                    | 26,44  |     |     |                         |
| LR       | x31  | 0,70                    |        | 0,70| 0,54| Valid and Reliable      |
|          | x32  | 0,77                    | 27,92  |     |     |                         |
| SQ       | ER   | 0,81                    |        | 32,92|     |                         |
|          | FO   | 0,84                    | 31,72  |     |     |                         |
|          | PT   | 0,87                    | 36,31  |     |     |                         |
|          | TC   | 0,84                    | 35,91  | 0,95| 0,74| Valid and Reliable      |
|          | EM   | 0,93                    | 37,10  |     |     |                         |
|          | WH   | 0,79                    | 37,14  |     |     |                         |
|          | LR   | 0,92                    | 38,60  |     |     |                         |
| PQ       | x33  | 0,79                    |        |     |     |                         |
|          | x34  | 0,77                    | 25,89  |     |     |                         |
|          | x35  | 0,75                    | 25,85  |     |     |                         |
|          | x36  | 0,73                    | 25,93  | 0,91| 0,59| Valid and Reliable      |
|          | x37  | 0,78                    | 26,37  |     |     |                         |
|          | x38  | 0,78                    | 25,36  |     |     |                         |
|          | x39  | 0,75                    | 25,85  |     |     |                         |
| CS       | y1   | 0,76                    |        |     |     |                         |
|          | y2   | 0,73                    | 25,7   | 0,84| 0,56| Valid and Reliable      |
|          | y3   | 0,75                    | 25,82  |     |     |                         |
|          | y4   | 0,75                    | 25,97  |     |     |                         |