The Analysis of Attitudes, Subjective Norms, and Behavioral Control on Muzakki’s Intention to Pay Zakah

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Abstract
There has been a growing interest in research investigating various issues of zakah. Following the theory of planned behavior, this study aimed to determine the effect of attitudes, subjective norms, and control behavior on muzakki’s intention to pay zakah. This study involved 247 muzakki participants responding to 300 questionnaires. Using the method of multiple linear regression for data analysis, it was found that Attitudes and Control Behavior variables have a positive and significant effect on the muzakki intention variable, while Subjective norms do not. The variables of Attitudes, Subjective Norms and Control Behavior each contributed 4.62%, 2.88% and 8.5% to the muzakki intention variable. The overall contribution value of Attitude, Subjective Norms, and Control Behavior variables to muzakki’s intention variable is 16%. This indicates that 84% of muzakki’s intention to pay is influenced by other variables not analyzed in this study.

Keywords: Attitude, Subjective Norms, Control Behavior, Intention of Zakah

1. Introduction

Zakat is a term used in the Koran signifying the special obligation for Muslims to give some of their possessions to charity. Etimologically, zakah is derived from an Arabic word meaning “to purify” and “to grow” (Mannan, 1986).

Muzakki’s behavior when paying zakah is a part of overt behavior. The determining factor for this behavior is the amount of intention of an individual whether or not to exert that particular behavior (Fishbein dan Ajzen, 1975).
Ajzen (1988) argues that intention can be used to predict the strength of an individual willingness to perform a behavior and a number of planned and conducted efforts to perform it. It is discussed in the Reason Action Theory (Fishbein dan Ajzen, 1975) that intention originates from two determining factors. The first factor is personal in nature and is reflected in one’s attitude. The second factor is subjective norms which reflect social influence.

In the next development, Ajzen (1988) explains that in addition to attitude and subjective norms, there is the third influencing factor called perceived behavioral control. Perceived behavioral control is one’s perception of the control one possesses related to certain behaviors. Thus, one’s intention can be predicted through three main determining factors: attitude towards certain behaviors, possessed subjective norms and perceived behavioral control. This theory is known as the Theory of Planned Behavior.

Muzakki’s intention to pay zakah is influenced by his attitude towards the attributes inherent in zakah paying, by the influence of others closest to him, and also by his perception of the behavioral control that can both be promoting and hindering factor in paying zakah.

The problem investigated in this study is Muzakki’s paying zakah behavior. In particular, the behavior under investigation was seen based on the Muzakki’s intention in paying his zakah. To find out the factors intervening the behavior, variables with influences on intention were analysed. These variables include attitudes, subjective norms or social influence and perceived behavioral control (Ajzen, 1988). The amount of each variable in an individual is attributed to the exertion of the behavior.

2. Literature Review

2.1 Zakah

Zakah is one of the five pillars of Islam. It is a maalih ijtima’iyyah kind of worship that has a strategic and determining position for the Ummah’s welfare development. Not only is zakah a vertical form of worship to Allah (hablumminallah), it is also a horizontal form of worship (hablumminannas) (Hudayati dan Tohirin, 2010, Lubis et al, 2011)

In his inter-fiqhy-school (madhaib) studies, Zuhayly (2008) mentions definition of zakah across fiqhy schools. According to Maliki School (madhab), zakah is paying out a specific part of a specific type of wealth that has reached the amount of zakatable minimum (nisab) to those who deserve to receive it (mutahik). In addition, the wealth is zakatable if it has been in one’s possession for one lunar year, and neither mining nor farm produce. While in Hanafi madhab, zakah is making a specific part of a specific kind of wealth a possession of specific groups of people, prescribed by the Shar’e Rulings.

2.2 Intention

Fishbein & Ajzen (1975) define intention as a person’s subjective probability dimension that connects that particular person to a particular behavior ( “We have defined intention as a person’s location on a subjective probability dimension involving a relation between himself and some action. A behavioral intension, therefore, refers to a person’s subjective probability that the will perform some behavior.)

2.3 Attitude

Eagly & Chaiken (1993) argue that attitude is a psychological tendency which is shown in the evaluation on certain entities with some degree of favor or disfavor. This psychological tendency inherently exists in every individual in the form of evaluation covering all types and categories of evaluation, both overt and covert, or in cognitive, affective and conative forms.

Shook & Bratianu (2010) state that one forms one’s attitude based on one’s beliefs in the possible outcomes. The more favorable the possibility is, the stronger the intention to do the behavior will be, and vice versa: the less favorable the outcome possibility is, the weaker the intention to do the behavior will be.

2.4 Subjective Norms

Subjective norms are one’s perceptions or assumptions about others’ expectations of certain behaviors that one will or will not perform. Since this perception is very subjective in nature, this dimension is referred to as subjective norms. Similar attitudes towards behavior, subjective norms are also influenced by beliefs. The two are distinct however.
Attitudes towards behavior are a function of belief in the behavior (behavioral belief) that will be performed, while subjective norms are a function of one’s beliefs that are formed by others in one’s life. (Fishbein & Ajzen, 1975; Hanno & Violette, 1996, Eagly, A. H., and Chaiken, S. 1993).

2.5 Behavioral Control
Perceived behavioral control or simply behavioral control is one’s perceived ease or difficulty in performing one particular behavior (Ajzen, 2005). To explain the perception related to this perceived behavioral control, Ajzen distinguishes it from the locus of control suggested by Rotter (1966). Locus of control is related to one’s beliefs which are relatively stable in all situations. Perceived behavioral control on the other hand, may change depending on situations and kinds of behaviors to be performed. Locus of control is concerned with one’s beliefs that one’s success in doing something depends on one’s own effort (Rotter, 1966). If this belief is related to specific achievements, such as one’s belief in mastering computing skill well, then it is called perceived behavioral control.


2.6 Related Research on Muzakki’s Intention to Pay Zakah
Abu Bakar dan Rashid (2010) conducted a study entitled Motivations of Paying Zakat on Income: Evidence from Malaysia, to investigate factors influencing muzakki’s intentions of paying zakah on income/profession. The research was conducted at the International Islamic University Malaysia (IIUM) that involved three schools of Kulliyyah of Economics and Management Sciences (KENMS), Ahmad Ibrahim Kulliyyah of Laws (AIKOL) and Kulliyyah of Islamic Revealed Knowledge (KIRK). The questionnaires distributed consisted of four parts: (1) the respondents’ demography (2) wheter or not the respondents pay zakah on income/profession (3) the reasons of why the respondents pay or do not pay zakah on income/profession (4) the payment method, i.e. through zakah collecting organizations or directly to the mustahik (zakah recipients). 281 questionnaires were distributed but only 37 (13.2%) were returned. The study showed that social, religious and Islamic-related factors were dominant factors influencing the respondents to pay zakah. Furthermore, the study suggested the need for zakah-related education due to the fact that there are still many Muslims who are not aware of zakah on profession.

In addition, Muda, Marzuki dan Shaharuddin (2006) conducted a study entitled Factors Influencing Individual Participation In Zakat Contribution: Exploratory Investigation with the purpose of investigating factors influencing one’s motivation for paying zakah. The method used in this study was factors analysis related to one’s motivation for paying zakah. The data were obtained through questionnaires designed following a previous study. The respondents’ characteristics used were religion, utilitarian, satisfaction and organization. Through the analyses of the main factors, five results were found: altruism, faith level, self satisfaction, organization dan utilitarian were accounted for 67.32% of the variants within the data sets. Further analyses showed that altruism was the highest score, followed by faith, self satisfaction and utilitarian.
The preliminary findings in zakah issues showed that participation in zakah was not only motivated by religious factor but also by individual and organizational factors.

Another study on zakah intention was conducted by Husna (2009) entitled Intention to Pay Zakah on Employment Income among Manufacturing Employees in Penang. This study sought to find out the relation between attitude, subjective norms and behavioral control using the theory of planned behavior. A sample of 173 people were involved and asked to fill in questionnaires about attitude, subjective norms and behavioral control as well as intention to pay zakah. The study showed that attitude and behavioral control had significant effect on the intention to pay zakah. Subjective norms, on the other hand, did not have significant influence on the intention to pay zakah. This study revealed that in general, the theory of planned behavior can be used to predict the intention to pay zakah so that it can be used by zakah collecting organizations to increase the zakah received.

Still in the same same topic, Sapingi, Ahmad and Mohamad (2011) conducted a study entitled A Study on Zakah of Employment Income: Factors that Influence Academics’ Intention to Pay Zakah. The study was carried out to reveal factors contributing to the intention to pay zakah among academicians in both state and private institutions. The theory of Planned Behavior (TPB) developed by Fishbein dan Ajzen was employed to identify factors influencing their intentions to pay zakah on their income. 231 questionaires were distributed and the same number was returned for this purpose. The study indicated the relationship among three statistical methods used, i.e. descriptive analysis, correlation and modeling regression. The results suggested a significant influence of attitudes and behavioral control on the intention of zakah paying.

3. Research Method

3.1 Research Design

This research is quantitative in nature with the research instruments of questionnaire and ordinal scale measurement. This study was designed as a survey field study, a scientific non-experimental study that systemically investigates relationships or correlation between variables and is conducted in real-life situation.

3.2 Sampling Technique

The sampling technique used was non probability sampling, purposive sampling in particular. The detail number of participants in this research can be distinguished based on the research stages: (1) at the elicitation stage: 50 respondents; (2) at the questionnaire testing stage: 50 respondents; and (3) at the data collection stage: questionnaires for 300 respondents (for the areas of East, West, North, South and Central Jakarta with the minimum returning rate of 75% (225 respondents)).

3.3 Data

The data collected were primary data in form of qualitative data with ordinal scale. The data were collected using interview, especially at the elictation stage, and questionnaires at the research stage.

3.4 Research Instrument and Data Collection

There were two instruments used in the study. The first instrument was Fishbein and Ajzen’s (1975) intention measurement scale questionnaires which was modified to measure muzakki’s intention to pay zakah. Another instrument that was deployed in this research was questionnaires consisting of attitudinal measurements, subjective norms and perceived control behavior, along with the beliefs inherent in the variables.

3.5 Analisis Data

In line with the research objectives, data analysis was conducted using multiple regression analysis. The formula for the multiple regression analysis is in line with Ajzen’s intention theory as follows:

\[ I = (A)W1 + (SN)W2 + KP(W3) \]

Where:
- \( I \) = Intention for performing a behavior
- \( A_B \) = Attitude towards the behavior
- \( SN \) = Subjective Norms
- \( KP \) = Behavioral Control
- \( W1, W2 \& W3 \) = the degree of measured determinants
Based on the research variables above, the hypotheses formulated for the research were as follows:

1. \( H_{01} \): There is no influence of attitudes on muzakki’s intention to pay zakah
   \( H_{a1} \): There is an influence of attitudes on muzakki’s intention to pay zakah
2. \( H_{02} \): There is no influence of subjective norms on muzakki’s intention to pay zakah
   \( H_{a2} \): There is an influence of subjective norms on muzakki’s intention to pay zakah
3. \( H_{03} \): There is no influence of behavioral control on muzakki’s intention to pay zakah
   \( H_{a3} \): There is an influence of behavioral control on muzakki’s intention to pay zakah

4. Research Findings

4.1 Validity and Reliability Testings

All the statements in the instruments to measure attitude, subjective norms, behavioral control, and muzakki’s intention were all valid because the significance level of these statements was below 0.05. In addition to validity, the instrument was also reliable because the value of alfa cronbach was bigger than 0.60.

4.2 Description of Research Data

The attitude variable was acceptable with the value of standard deviation not more than 3. On the attitude variable, three questionnaire items with the highest score average were 3.59, 3.48, and 3.46. These average scores were each for questionnaire statement stating that: 1) respondents believe that by paying zakah on wealth they help their Muslim brothers/sisters who are in need, 2) respondents believe that paying zakah on wealth would purify their wealth, and 3) respondents believed that paying zakah was obligatory. These findings were in conformity with the knowledge information of the respondents, most of whom were aware of the obligation for Muslims to pay zakah on wealth (zakatul mal). When a Muslim knows that there is an obligation to pay zakah on wealth, this individual knows automatically the benefits of the zakah distribution.

The highest score average of Subjective Norm variable was 3.37, 3.28, and 3.27. These three highest scores are respectively for questionnaire items on the respondents’ parents’ support to pay zakah on wealth, the respondents’ belief in their ustadz’s (teacher of Islamic sciences) encouragement to pay zakah, and the respondents’ family’s belief that the respondents have to pay zakah on wealth. These results show that the respondents in this study had the biggest support to pay zakah from their parents. This indicates that parents have a big role in encouraging and supporting their children to pay zakah on wealth. In addition to parents, it was also indicated that the ustadz and family (spouse) played a big role in influencing the respondents to pay zakah on wealth.

The highest average scores for the statements in the behavioral control variable were of 3.34, 3.20, and 3.14. These highest average scores were respectively for each of the following statements: respondents will pay zakah on wealth because it is a pillar in Islam, The respondents will pay zakah on wealth to help the mustahik (zakah recipients) financially, and the respondents will still pay their zakah on wealth even though they have many obstacles/difficulties. These results indicate that a Muslim pays his zakah because it is a pillar of their religion, not only because he has knowledge about zakah, the ability to pay zakah, and resources to pay zakah. Thus, in this behavioral control variable, paying zakah on wealth because it is a pillar in Islam is a main priority for a Muslim in paying zakah on wealth. This finding also confirms the respondents’ answer regarding zakah knowledge in which most of them were aware of the obligation to pay zakah for a Muslim. The obligation to pay zakah is a pillar in Islam which is compulsory for Muslims to do. In addition to its being compulsory for Muslims, the respondents in this study also paid zakah because by doing so they would help the mustahik financially. Thus it is found that the behavioral control of the muzakki in paying zakah was because it was an obligation and it would benefit the mustahik financially. The respondents in this study also showed a favourable behavioral control as stated in their responses that they would still pay out their zakah under any circumstances including difficulty and hardship. These findings indicate that the respondents in this study were devoted practising Muslims who obeyed the commands of their Lord, one of which regarding the obligation of paying zakah on wealth.

Concerning the Intention Variable, it was found that the highest average scores were 3.17 and 3.00. These highest average scores were for each of the following statements respectively: the respondents will pay zakah on wealth this year and they will pay more zakah if their income increases. This finding suggests the respondents’ strong willingness to pay zakah on wealth this year.
This can be seen in the trend of the respondents’ responses in attitude, subjective norms, and behavioral control all of which show a tendency of a perception of paying zakah immediately. This condition is reflected in the respondents’ responses on the Intention Variable which tend to agree to pay zakah this year. Their responses on the Intention Variable also suggest that they would tend to pay more zakah if there is an increase in their income. This desire is in line with their responses to the statements on behavioral control that they will still pay their zakah regardless of their present income and despite the distance of the zakah collecting organizations from their location.

4.3 The Influence of Attitude, Subjective Norms and Behavioral Control on Muzakki’s Intention to Pay Zakah

The first research question of this study was about the influence of attitude, subjective norms and behavioral control on muzakki’s intention to pay zakah. To answer the research question, the questionnaires collected from 247 respondents were analysed using multiple regression method. SPSS software versión 18.00 was used in the analysis to obtain the value of regression coefficient, the value of $R^2$, the value of Beta, and the value of significance. The results of the computation are presented in Table 1.

| Table 1: Regression Value of Attitude, Subjective Norms and Behavioral Control on Zakah Intention |
|---------------------------------------------------------------|-----------------|---------|-------|------|
| Constant                                      | 2.640           | 0.0462  | 0.155 | 2.280|
| Attitudes                                    | 0.082           | 0.0288  | 0.112 | 1.676|
| Subjective Norms                              | 0.161           | 0.085   | 0.250 | 3.877|
| Behavioral Control                            | 0.161           | 0.085   | 0.250 | 3.877|
| F value of model                              | 15.446          | 0.160   |
| $R^2$                                        | 0.150           |

Note: *p<0.05 (significant)

It is indicated in Table 1 that the attitude, subjective norm and behavioral control variables have influence on muzakki’s intention to pay zakah. This is shown in the value of adjusted $R^2$ of 0.160 and the value of statistical F of 15.446. These suggest that 16% of the muzakki’s intention to pay zakah was explainable using the three free variables of attitude, subjective norms and behavioral control. This model can therefore be applied to explain muzakki’s intention to pay zakah.

Based on the analysis above, the model of muzakki’s intention to pay zakah can thus be formulated as follow:

$$I = 2.640 + 0.082(A_B) + 0.092(SN) + 0.161(PBC)$$

Where:

- $I$ = Intention to perform the behavior
- $A_B$ = Attitude towards behavior B
- $SN$ = Subjective Norms
- $PBC$ = Perceived Behavioral Control

Based on the results of regression analysis as presented in Table 1 above, it is apparent that the value of significance of attitude and behavioral control variables on muzakki’s intention to pay zakah is $p < 0.05$. This means that the variables of attitude and behavioral control have influence on muzakki’s attitude to pay zakah. While the value of subjective norm variable $p > 0.05$ indicates the acceptance of the former hypothesis and the rejection of the alternative hypothesis, meaning that the subjective norm variable does not influence muzakki’s intention to pay zakah.

With reference to the research data description of attitude variable, whose highest average score is respondents’ belief that zakah can help others in need and whose lowest score average is the respondents’ worry that their wealth would decrease if their zakah is paid, and the result of the hypotesis testing, it is concluded that the respondents in this study had attitudes that significantly influenced their intention as muzakki to pay zakah. This finding also suggests that the respondents in this study, who were also muzakki, had attitude which was in conformity with the Koran and Hadith.
This hypothesis testing shows a tendency related to subjective norms that parents’ relatively big role in encouraging the respondents to pay zakah was not significant in influencing the muzakki respondents’ intention to pay zakah. This finding suggests that one’s intention to pay zakah is highly dependent on one’s self and this is the main factor that makes one pay his zakah not because one gets support and encouragement from others around him, be it parents, relatives, colleague or ustadz. This result confirms the study finding conducted by Muda, Marzuki dan Shaharuddin (2006) that zakah participation is not only motivated by religious factor but also by the individual and organization.

Based on the respondents’ responses to behavioral control which has been previously discussed, it was found that the highest score average on this variable was on the item stating that the respondents pay zakah because zakah is a pillar in Islam that they have to obey. This finding shows the respondents’ strong devotion to Islamic teachings, the pillar of Islam regarding paying zakah in particular that significantly influenced their intention to pay zakah. Other statements under the variable of behavioral control also showed significant influences on muzakki’s intention to pay zakah.

In addition, Table 1 also suggests that the Effective Contribution (SE) of the attitude variable on muzakki’s intention to pay zakah is 0.0462 (4.62%). This shows that the attitude variable only accounted for 4.62% of the muzakki’s intention to pay zakah. This means that other variables not discussed in this study had bigger effective contribution to the muzakki’s intention.

The effective contribution of Subjective Norms Variable is 0.0288 (2.88%), which is smaller than that of the attitude variable. This statistics show that there are many other variables not discussed in this study that had bigger effective contribution to muzakki’s intention.

The effective contribution of Behavioral Control Variable is 0.085 (8.5%) which is bigger than that of the attitude and subjective norms to muzakki’s intention to pay zakah.

The overall contribution of Attitude, Subjective Norms and Behavioral Control variables to muzakki’s intention to pay zakah can be seen in the R² values of regression model in this study, which is 16%. This percentage shows that the three variables are only attributed to 16% of the muzakki’s intention to pay zakah, while the remaining 84% is attributed to other factors not discussed in this study.

5. Discussion

The results of the present study are almost similar to those previously conducted by Husna (2009) and Sapingi, Ahmad & Mohamad (2011). Their study investigated the relationship between attitudes, subjective norms and perceived control behavior using the theory of planned behavior. The study showed that attitudes and perceived behavioral control had significant influence on muzakki’s intention to pay out his zakah, while subjective norms did not have significant influence on their intention to pay zakah.

The results of this study are also in line with Ajzen’s (2005) Planned Behavior theory. According to the theory, the factor of perceived behavioral control has the characteristics to strengthen and weaken intentions. If the behavior is perceived to be doable, the intention gets strengthened. If the behavior is perceived difficult or impossible to do, the intention weakens. What is suggested by this theory regarding perceived behavioral control is well reflected in the present study. As indicated in the questionnaires, the study shows that if the muzakki respondents do not pay zakah, since it is a pillar of Islam, because it is one pillar of Islam, the muzakki do not pay zakah in the respected year, and they will consider paying more zakah if their income doesn’t increase. This finding indicates that the reason why the respondents pay zakah because it is a pillar in Islam that they have to obey. This gets the highest average score compared to other statements related to perceived behavioral control of the respondents in paying out zakah so that one of the statement items in the intention variables, i.e. the respondents prefer prioritizing paying zakah this year to not paying zakah when their income doesn’t increase.

6. Conclusion

Attitudes, subjective norms and perceived behavioral control variables have simultaneously significant influence on muzakki’s intention to pay zakah. Partially however, attitude and perceived behavioral control variables have positive and significant influences on muzakki’s intention to pay zakah variable.
Subjective norms variable on the other hand, have positive yet not significant influence on the zakah intention variable.

The effective contribution value of attitude variable to muzakki’s intention to pay zakah variable is 4.62%. On the other hand, the effective contribution of subjective norm variable to muzakki’s intention to pay zakah is 2.88%. Finally, the effective contribution of perceived behavioral control variable to muzakki’s intention to pay zakah is 8.5%.

Daftar Pustaka

Al-Qur’an


Al-Qaradawi, Yusuf, Fiqh Al-Zakah: A Comparative Study Of Zakah, Regulations And Philosophy In The Light Of Qur'an And Sunnah (Volume 1), translated, Monzer Kahf, Scientific Publishing Centre King Abdulaziz University Jeddah, Kingdom of Saudi Arabia, page xxxix


Husna, Ida Binti Hedzir. (2009), Intention To Pay Zakah On Employment Income Among Manufacturing Employees In Penang, College of Business Universiti Utara Malaysia


Qardawi, Yusuf. (2010). Hukum zakat, diterjemahkan Salman Harun dkk, Pustaka litera Antar Nusa, Jakarta


