ABSTRACT

The Relationship between Level of Knowledge and Attitude with Community Behavior towards Household Waste Sorting

Tsabitha Asyla Zahra, Tyas Dayinta Kirana, Dwi Anggraini, Novi Hairunnisa, Rea Ariyanti

Correspondence E-mail : pbl.loalepu18@gmail.com

Background : Household waste segregation is one of the waste management practices that can help reduce the environmental and public health impacts of waste. The implementation of waste segregation in daily life may be associated with the level of knowledge and attitudes held by the community.

Objective : This study aims to determine the relationship between knowledge levels and attitudes and community behavior regarding household waste segregation.

Research Methods/ Implementation Methods : Methods: This study employed a quantitative approach with a cross-sectional design involving 16 respondents. The research instrument consisted of a questionnaire developed based on the study variables. Data analysis included univariate analysis to describe the distribution of variables and bivariate analysis using Fisher's Exact Test, with a significance level of $\alpha = 0.05$.

Results : The findings showed that respondents' knowledge levels were evenly distributed, with 50% classified as having poor knowledge and 50% as having good knowledge. Regarding attitudes, 56.3% of respondents were categorized as having poor attitudes, while 43.8% had good attitudes. Similarly, household waste segregation behavior was classified as poor among 56.3% of respondents and good among 43.8%. Fisher's Exact Test revealed no statistically significant relationship between knowledge level and waste segregation behavior ($p = 0.315$). Likewise, no statistically significant relationship was found between attitudes and waste segregation behavior ($p = 0.358$).

Conclusion/Lesson Learned : No statistically significant relationship was found between knowledge levels and attitudes and community behavior regarding household waste segregation. This indicates that knowledge and attitudes are not necessarily directly reflected in waste segregation behavior among the study respondents.

Keyword : Keywords : knowledge level, attitudes, behavior, waste segregation, household waste.

5th MICTOPH
Mulawarman International Conference on Tropical Public Health