

## V. RESULTS AND CONCLUSIONS

### A. Conclusion

Based on research that has been carried out related to modern household energy consumption in Sumampir Village, North Purwokerto District, Banyumas Regency, the researcher can draw the following conclusions :

1. Income, education, the number of family members, and the length of time at home together - equally affect the simultaneous energy consumption of modern households.
2. Income and Education does not have a significant effect on the energy consumption of modern households. Even so the number of family members and the length of time at home has a significant positive effect on the energy consumption of modern households.

### B. Implication

1. The number of family members indicates a fairly high consumption related to the utilization of modern household energy. Modern energy such as electricity, fuel, and gas cannot always be utilized continuously due to the limitations and scarcity that may occur if the use of energy is not controlled. So that people are required to be wise in consuming modern household energy, such as limiting the use of unnecessary electricity, using gas as needed and using public transportation properly.

2. The length of time at home can certainly make a person want to do all forms of activities by utilizing modern household energy at home if its use is not controlled properly, it will cause energy-intensive behavior. Therefore, it is necessary for households to make rules for the use of energy of each household properly such as turning off electricity when not in use, and other activities without consuming modern household energy excessively.

### **C. Research Limitations**

The limitations of this study are found in several aspects such as research samples, and influencing variables. The samples in this study were modern households in the region with the largest population of RW distribution. For further research, it is expected to expand the research area, including being able to compare modern households in residential and non-residential areas.

In addition, the presence of indications of other variables outside the model that can affect the energy consumption of modern households can be a new finding. Therefore, it is necessary to add variables such as the number of private vehicles and others that are suspected to affect the modern energy consumption of modern households in Sumampir Village.