

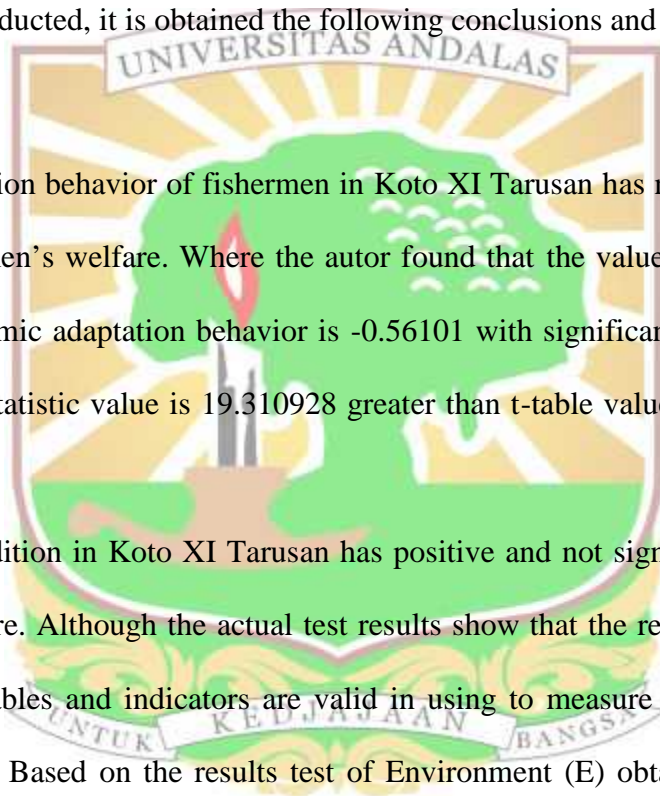
CHAPTER V

CONCLUSION AND RECOMMENDATION

Based on the empirical results of research and discussion from the previous chapter, the main objective of this research is to measure the influence of environment, development and economic adaptation behavior to fishermen's welfare in Koto XI Tarusan. From the analysis of data that has been conducted, it is obtained the following conclusions and recommendations.

5.1. Conclusion

- 1) Economic adaptation behavior of fishermen in Koto XI Tarusan has negative and significant impact on fishermen's welfare. Where the autor found that the value of the original sample estimate of economic adaptation behavior is -0.56101 with significant level is 5%, which is indicated by the statistic value is 19.310928 greater than t-table value where t-table value is 1.962.
- 2) Environment condition in Koto XI Tarusan has positive and not significant to influence the fishermen,s welfare. Although the actual test results show that the reliability and validity of environment variables and indicators are valid in using to measure the level of welfare in Koto XI Tarusan. Based on the results test of Environment (E) obtain the original sample estimate value amounted to 0.04721 with a value of t-statistic $1.114512 < 1.962$ t-table, which means the environment variable has a positive effect on the welfare of significantly below 5% (significant).
- 3) Development in Koto XI Tarusan has positive and not significant to influence the fishermen,s welfare. where Development (D) obtains the original sample estimate value amounted to -



0.073875 and the value of t-statistic is $1.315227 < 1.962$ t-table, which means Development has a negative effect on welfare with a significance level above 5% (significantly).

5.2. Recommendations

Based on the study, it can be given recommendations as follows:

- 1) Most of the communities along the coast of Koto XI Tarusan are fishermen labors who do not own the fishing equipment, so that government is expected to aid the fishermen to give fishing equipment.
- 2) The need for training in entrepreneurship, the group of fishermen because given the low level of education of fishermen who cause they can not switch from the profession as fishermen and fishermen's depending on sea conditions.
- 3) The government needs to speed up the development process that occurs in Koto XI Tarusan, so the impact of this development can be perceived by the fishermen in efforts to improve the welfare of their lives.
- 4) For the next researcher, is expected to conduct further research on the influence of the environment and development in this area, given the development and the environment has not significantly affect the welfare of fishermen at this time, because of the development that is going on has not had an impact on fishermen.

