

## V. CONCLUSION AND SUGGESTION

### A. Conclusions

Based on the results and discussion, it can be concluded that:

1. Male and female spotted scat fish in Segara Anakan Cilacap have a negative allometric growth pattern. The length-weight association of this fish has a positive correlation coefficient direction. The increase in weight of both male and female spotted scat fish occurs due to an increase in length.
2. Male and female spotted scat fish are dominated by GML I and II fish or during the pre-spawning period each month in this study. The GMI value of female fish is higher than that of male fish at each level of gonad maturity.

### B. Suggestion

Further research is needed with parameters regarding other aspects of reproductive biology over a longer time so that the spawning cycle of the keeper fish can be seen.

