

CHAPTER V

CLOSING

5.1 Conclusion

Conclusions drawn based on data analysis and discussion in the previous chapter regarding the effect of chemical learning integrated with spiritual values on student learning outcomes reviewed from the spiritual quotient (SQ) level. Based on the results of the Two-Way ANOVA test, the following conclusions can be drawn:

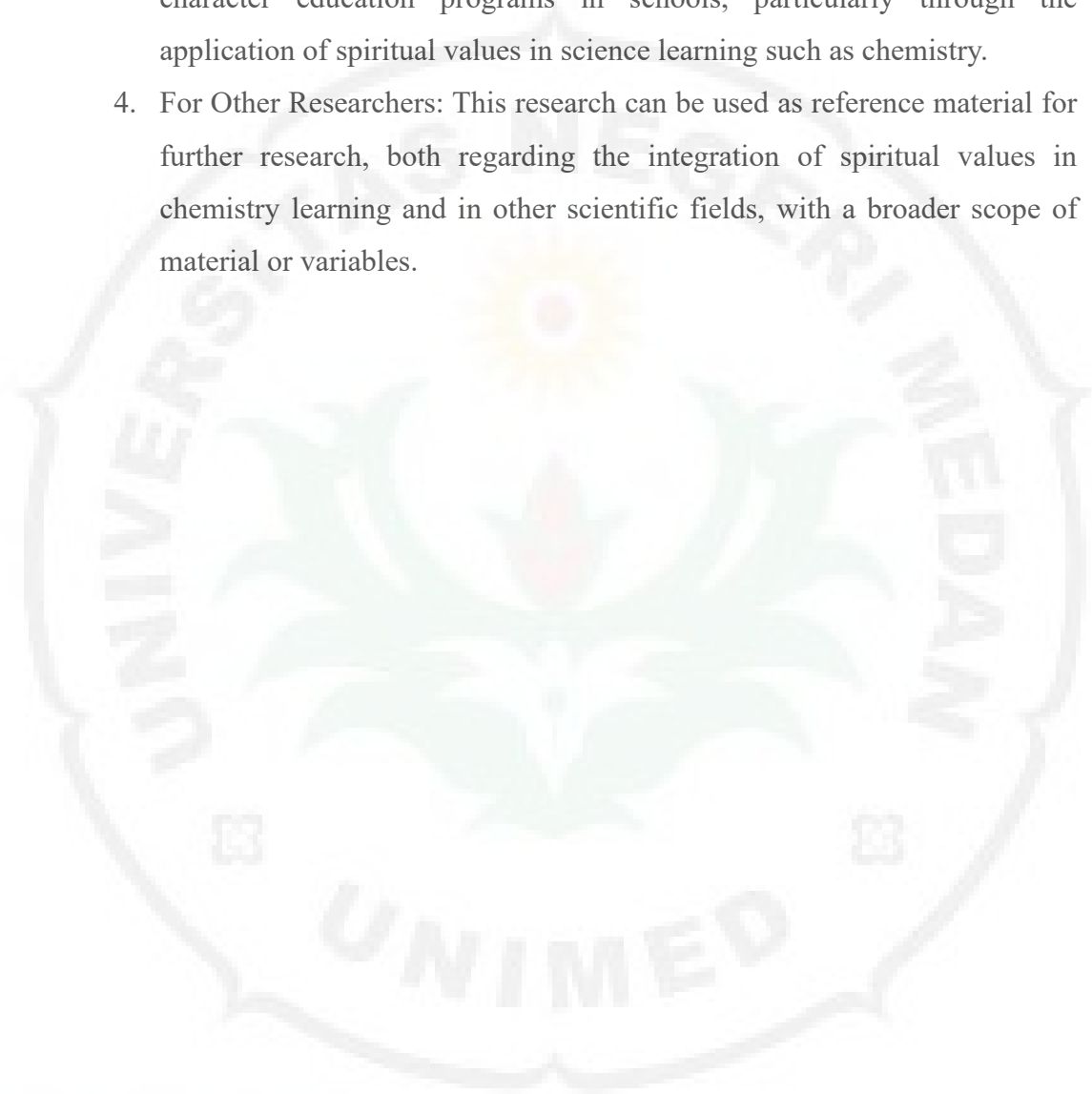
1. Chemistry learning integrated with spiritual values has a significant effect on students' learning outcomes ($0.000 < 0.05$). Students who participated in learning using teaching materials integrated with spiritual values achieved higher learning outcomes than those who learned without such integration.
2. SQ has a significant effect on students' learning outcomes ($0.000 < 0.05$). Students with high SQ levels obtained better learning outcomes compared to students with low SQ levels.
3. There is no significant interaction between chemistry learning integrated with spiritual values and SQ on students' learning outcomes ($0.224 > 0.05$). This indicates that the effects of spiritual value integration and SQ operate independently (additive effect) in improving student learning outcomes.

5.2 Suggestion

Based on the research results and conclusions obtained, the following recommendations can be made:

1. For Students: It is expected that students can be more actively involved in learning chemistry that is integrated with spiritual values in order to improve learning outcomes while fostering awareness and spiritual character within themselves.
2. For Teachers: The results of this study can be used as a reference for teachers in implementing chemistry learning that is integrated with spiritual values as an effort to increase student involvement and understanding.

3. For Schools: This research is expected to contribute to strengthening character education programs in schools, particularly through the application of spiritual values in science learning such as chemistry.
4. For Other Researchers: This research can be used as reference material for further research, both regarding the integration of spiritual values in chemistry learning and in other scientific fields, with a broader scope of material or variables.



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