

# **Correlation between Social Intelligence and Motor Development of Children in 4.0 Era in Sleman Regency**

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## **ABSTRACT**

*Social intelligence and motor development are two main aspects in the process of children's growth and development. Children who have low social intelligence abilities will have an impact on children's motor development. The higher the level of social intelligence, the child tends to have better motor skills. This research aims to determine the correlation between social intelligence and the motor development of children in the 4.0 era in Sleman Regency. This research was a correlational study. The research method was a survey method. The research instruments used to examine social intelligence were questionnaires and to measure motor development were done with measurement tests. The research subjects were the fourth, fifth, and sixth grade students of elementary schools in Sleman Regency, totaling 170 students. The data analysis technique used product moment correlation analysis at a significance level of 5%. The results of the correlation analysis in the research obtain a calculated  $r$  value of  $0.344 > r_{\text{table}} (0.05)(170) (0.148)$ , it can be concluded that there is a correlation between social intelligence and the motor development of children in the 4.0 era in Sleman Regency, with a determinant coefficient value that is obtained at 11.8%. Social intelligence factors that influence children's motor development in the 4.0 era: 1) Communication skills; 2) the ability to interact, social interaction with peers; 3) a sense of empathy and social awareness; 4) ability to obey the rules; 5) leadership and collaboration skills where children have leadership and collaboration skills that enable them to play an active role in group activities in activities that involve physical motions. Based on these results, it shows that social intelligence contributes at 11.8% to the motor development of children in the 4.0 era in Sleman Regency, the remaining 88.2% is influenced by other factors*

**Kata Kunci:** *Social Intelligence, Motor Development, Era 4.0.*