

1. Abstract

Attention is one of the major processes in human cognition, and it has a relationship to the verbal learning memory. There are different scales to assess the attention issue, and the Hong Kong List Learning Test (HKLLT) is the well-established local original verbal learning test. This study examined the effects of age, education level, and gender on the primary students' HKLLT performance. It adopted the convenient sample method that collected 53 local primary students' data from aged 7-11 years old and primary 2-5. The objective is to increase the understanding of the local student's attention ability, verbal learning memory, and the HKLLT. The results showed that age and education level positive correlated to the primary students' recall accuracy and learning performance moderately, while the main effect on aged 10-11 years old and primary 5 students was prominent. However, there was not significant difference in gender dimension, except the task 1 recall perseveration errors that girls exhibited better performance than boys. In the discussion part, the developmental sequence, school training, and socioeconomical background may contribute to the effects of age, education level, and gender. Further experiments are needed to have a deeper discussion on this topic.

Keywords: Hong Kong List Learning Test (HKLLT), primary students, attention ability, verbal memory, learning