

EFFECTS AND CHARACTERISTICS OF REPRESENTATIVE VALUES FOR THE 6TH GRADE IN ELEMENTARY SCHOOL

Naoki Ohta, Fukuyama City University, Japan
n-ohta@fcu.ac.jp

In light of the progress of our advanced information society, statistical education using ICT equipment based on the PPDAC cycle is taught in many countries. Recently, Japan has designated “representative value” as its educational content for 6th grade of elementary school, for example mean value, mode, and median. This research aims to identify the effect of learning and its characteristics by teaching representative values for histogram as educational content. As a result of this investigation, it was easy for 6th grade children to understand the mean value and mode. However, an incorrect recognition of the median was confirmed.