

# ANALYSIS OF CONFIRMATORY FACTORS OF PRINCIPALS' LEADERSHIP TRAINING OF VOCATIONAL HIGH SCHOOL

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## ABSTRACT

One of the main problems in the course of management in Vocational High School is principal's leadership training problem. The great leadership training has an impact on improving the quality of schools, the quality of teachers, and the professionalism of teachers in carrying out educational activities. This research aimed to find out what is the result of Confirmatory Factor Analysis (CFA) on leadership training indicators for the principals of Vocational High School based on the perception of teachers, principals, and students. The method used in this research is quantitative method to find out the result of Confirmatory Factor Analysis leadership training for the principals of Vocational High School. This research used simple random sampling technique with 255 teachers, 57 principals, and 315 students as the sample. The data analysis applied is KMO (Keiser-Meyer-Olkin Measure of Sampling Adequacy) and Bartlett's Test of Sphericity. Extraction Method with Principal Component Analysis. The result of the study shows that in the teacher sample obtained the KMO value is 0,737 which is indicate sample suitability is high ( $>0,5$ ), the lowest value of MSA (Measure of Sampling Adequacy) is 0,550. and the highest is 0,852, communalities value and appropriate matrix components, loading factor on all variables have met the requirements, that is above 0,40, and all factors on the leadership training instruments for the principal of Vocational High School have an AVE value greater than 0,5; thus, has met reliability and can be accepted. The principal sample obtained the KMO value is 0,738, the lowest value of MSA (Measure of Sampling Adequacy) is 0,556. and the highest is 0,859, communalities value appropriate matrix components, loading factor on all variables is above 0,40, and all factors on the leadership training instruments for the principal of Vocational High School have an AVE value greater than 0,5. The student sample obtained the KMO value is 0,682, the lowest value of MSA (Measure of Sampling Adequacy) is 0,556 and the highest is 0,859, communalities value and appropriate matrix components, loading factor on all variables is above 0,40, and all factors on the leadership training instruments for the principal of Vocational High School have an AVE value greater than 0,5; thus, has met reliability and can be accepted.

Kata Kunci: *confirmatory factor analysis, leadership, principal*