

Validity and Reliability Indexes of Felder-Soloman Index for Learning Styles and Its Preference Levels for Jordanian Universities Students

Dr. Ferial M. Abu Awwad Dr. Mohammad B. Nofal

University Educational College

UNRWA - Jordan

Abstract

This study aims at investigating Validity and Reliability indexes of Felder- Soloman Index for Learning Styles and its preference levels for Jordanian undergraduate universities students. Felder- Soloman Index for Learning Styles was developed through several steps in which the instrument validity and reliability was examined, using face and construct validity and runback alpha coefficient for reliability. The study instrument was applied to the sample which consisted of 455 subjects. The findings of the study revealed the commonness of the sensitive learning style. However, the study showed a significant effect on sensitive/ intuitive learning style at level ($\alpha \leq 0.05$) related to sex and interaction between grade and specialist, on visual/ verbal learning style related to sex, and on sequential/global learning style related to grade and interaction between grade and sex. The study ended with some recommendations.

Key Words: learning styles, Felder- Soloman index, validity and reliability indexes.

For the paper in Arabic see pages (445-483)