

Abstract

Psychometric Testing of Jaya Learning Styles Inventory for New Student at Universitas Pembangunan Jaya

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One of the cause in study completion delay is incompatibility between student's characteristic and their collage department. Student's characteristic that is directly related to the learning system of their collage department is learning styles. Therefore, a test that measure student's learning styles and give them some recommendation of collage department that suit their learning styles is needed to minimize the possibility of students choosing the wrong collage department. Jaya Learning Styles Inventory that measure learning styles has been developed in the process of internship (KP), but the psychometric testing has not been done yet. This study aims to know whether Jaya Learning Styles Inventory is reliable and valid. The subjects of this study were totaled 210 (108 subjects for test-retest measurement). The reliability of Jaya Learning Styles Inventory was determined by using test-retest method with coefficient values of 0,704 and internal consistency (cronbach alpha) with coefficient values around 0,7 on every dimension. The validity of Jaya Learning Styles Inventory was determined by using independent samples t-test with coefficient values of 0,022. Based on this result, it is concluded that Jaya Learning Styles Inventory is reliable and valid at measuring learning styles of Universitas Pembangunan Jaya students.

Keyword : *Psychometric Testing, Learning Styles, VARK*

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