Learning Styles Inventory (LSI)

by James Lani

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Revised in 2005, the Learning Styles Inventory (LSI) is a widely known instrument used for researching characteristics of different learning styles. The general categories of learning styles are Converger, Diverger, Assimilator, and Accommodator.

The LSI takes approximately 30 minutes for self-administration and self-scoring. The format for the test is a 12-item questionnaire in which the participants must respond, using a 1 to 4 scale, to four sentence endings relating to the four-stage cycle of learning – Concrete Experience, Reflective Observation, Abstract Conceptualization, and Active Experimentation. The test is geared towards teens and adults. Also, the test has been translated into numerous languages.

Author

David Kolb

Validity and Reliability

According to independent research by Conoley and Cramer (1989), the internal consistency and test-retest reliability both showed high scores. The reliability testing for the revised edition included 982 graduate and undergraduate students. The four sections – Concrete Experience, Reflective Observation, Abstract Conceptualization, and Active Experimentation – had a Cronbach Alpha rating (internal reliability) of .82, .73, .83, and .78, respectively.

Obtaining the LSI

Kolb Learning Style Inventory (Pack of 10 Booklets)

Hay Group

Administration, Analysis and Reporting

Statistics Solutions consists of a team of professional methodologists and statisticians that can assist the student or professional researcher in administering the survey instrument, collecting the data, conducting the analyses and explaining the results.
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**Dissertations Using the Learning Styles Inventory**

Below is a list of dissertations using the Learning Styles Inventory. The full versions of these dissertations can be found using ProQuest.


An investigation of the learning styles of undergraduate physical therapy students and practicing physical therapists. (2002). University of Alberta (Canada).


**References**


