



< Back to results | < Previous 182 of 182

Download Print Save to PDF Save to list Create bibliography

Advanced Science Letters • Volume 21, Issue 7, Pages 2438 - 2441 • July 2015

Document type

Article

Source type

Journal

ISSN

19366612

DOI

10.1166/asl.2015.6301

View more

Construct validity in neuroresearch

Sasmoko^a; Ying, Yi^b

Save all to author list

^a Research Method and Statistics at Binus University, Jakarta, Indonesia

^b Binus University, Jakarta, Indonesia

29 92th percentile
Citations in Scopus

2.96
FWCI

75
Views count

View all metrics

Full text options Export

Abstract

Author keywords

SciVal Topics

Metrics

Abstract

Neuroresearch is an integrated research method between qualitative method and quantitative method. This paper examines how prove the academic predictions (construt) in Neuroresearch through the construct validity. There are two (2) phases. Phase One, Orthogonal iteration approach. If the results of the Orthogonal iteration have been counted few times, and it is proved the instrument items to be significant with the variable (total score) and each indicator is minimum represented by at least 1 (one) point, then the academic predictions about the variables is proved. But if there is at least one indicator that is not represented by a minimum of 1 point, then the Orthogonal Iteration is not fit and had to go to the second stage. Second stage is Varimax Iterations approach through Principle Component Axis. The analogy of the variable is like a community that consists of a group of people (instrument item). Community (variable) is formed by a small group (indicator) and the members of the group (item) are not always correlated with the group (indicator). Proof of academic prediction of the second phase by calculating rotated component matrix which in the end, will "determine the new name of the indicators". © 2015 American Scientific Publishers.

Cited by 29 documents

Face Recognition Application with Deep Neural Networks for Teacher Wellbeing Assessment

Sasmoko , Indrianti, Y. (2023) 10th International Conference on ICT for Smart Society, ICISS 2023 - Proceeding

Artificial Intelligence Usability Evaluation of Entrepreneurial Mindfulness Application

Sasmoko, G.N. , Indrianti, Y. , Angeline, G.N. (2022) ACM International Conference Proceeding Series

Characteristics of Jakarta society that need intervention to accord with the concept of Architechnopreneurship

Wijaksono, S. , Sasmoko , Indrianti, Y. (2021) IOP Conference Series: Earth and Environmental Science

View all 29 citing documents

Inform me when this document is cited in Scopus:

Set citation alert

Related documents

Cronbach's alpha reliability: Interval estimation, hypothesis testing, and sample size planning

Bonett, D.G. , Wright, T.A. (2015) Journal of Organizational Behavior

Extracting driving characteristics from heavy goods vehicle tachograph charts

Cherrett, T. , Pitfield, D. (2001) Transportation Planning and Technology

Specifying quality in health and social care

Hurst, K. (1992) International Journal for Quality in Health Care

View all related documents based on references

Find more related documents in Scopus based on:

SciVal Topics 

Metrics





References (16)

View in search results format >

 All

Export

 Print E-mail Save to PDF

Create bibliography

1 Anne, A.
(1982) *Psychological Testing*. Cited 2 times.
5th edn., Macmillan Publishing Co, Inc., New York

2 Arthur, A., Elaine, A.N.
(1999) *Statistic for Psychology*
2nd edn., Prentice-Hall Inc., New Jersey

3 Comrey
(1973) *Factor Analysis*
Sagre Press, Chicago

4 Dimitrov, D.M.
(2015) *Measurement and Evaluation in Counseling and Development, Sage Journal*
<http://mec.sagepub.com>

5 Gordon, F.D.
(2011) *Eksegesis Perjanjian Baru*
Literatur SAAT, Malang

6 Laurence, G.G., Paul, Y.R.
(1995) *Reading and Understanding Multivariate Statistics*. Cited 512 times.
American Psychological Association, Wahington

7 Larry, H.V., Ingram, O.
(1985) *Statistical Methods for Meta-Analysis*. Cited 11468 times.
Academic Press Inc., New York

- 8 Fred, K.N., Elazar, P.J.
(1973) *Multiple Regression in Behavioral Research*. Cited 1620 times.
Holt Rinehart and Winston Inc., New York
-
- 9 Fred, K.N.
(1990) *Asas-Asas Penelitian Behavioral, Terjemahan oleh Landung R. Simatupang*
Gadjah Mada University Press, Yogyakarta
-
- 10 Lehman
(1991) *Statistics and Research Design in the Behavioral Sciences*. Cited 77 times.
Wadsworth Publishing Company, California
-
- 11 Roderick, M.P.
(1999) *Test Theory: A Unified Treatment*. Cited 3579 times.
Lawrence Erlbaum Associates Publisher, New Jersey
-
- 12 Lopez, M.Y.
(2013) *Educational Measurement and Evaluation Review*, p. 4.
(24 April 2015)
<http://ejournals.ph/index.php>
-
- 13 France, M.K.
(2015) *Measurement and Evaluation in Counseling and Development, Sage Journal*
(24 April)
<http://mec.sagepub.com/>
-
- 14 Wu, P.-C., Huang, T.-W.
(2015) *Measurement and Evaluation in Counseling and Development, Sage Journal*
(24 April)
<http://mec.sagepub.com/content/43/3/155.abstract>
-
- 15 Sasmoko
(2012) *Metode Penelitian Eksplanatori-Konfirmatori*. Cited 2 times.
Edisi ke 11, Media Plus, Jakarta
-
- 16 Sasmoko
(2007) *Metode Penelitian Eksplanatori-Konfirmatori (Neuroresearch)*
Edisi 12, Media Plus, Jakarta (2013); Sasmoko, Aplikasi Tes dan Pengukuran,
Edisi 2, Jakarta

About Scopus

[What is Scopus](#)

[Content coverage](#)

[Scopus blog](#)

[Scopus API](#)

[Privacy matters](#)

Language

[日本語版を表示する](#)

[查看简体中文版本](#)

[查看繁體中文版本](#)

[Просмотр версии на русском языке](#)

Customer Service

[Help](#)

[Tutorials](#)

[Contact us](#)

ELSEVIER

[Terms and conditions](#) ↗ [Privacy policy](#) ↗

All content on this site: Copyright © 2024 Elsevier B.V. ↗, its licensors, and contributors. All rights are reserved, including those for text and data mining, AI training, and similar technologies. For all open access content, the Creative Commons licensing terms apply.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies ↗.

