

How to improve your chance of getting your AHP/ANP paper published

Enrique Mu, PhD
IJAHF, Editor-in-Chief

How many of you have had an AHP/ANP paper rejected?

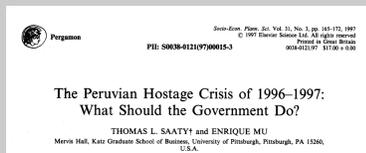
- What were the given reasons?

THE PROBLEM AT HAND

It is possible to publish if we address a problem of high visibility and importance

**Hostage Crisis in Peru –
1996**

**Israeli-Palestinian Problem –
2015**



Suggestion 1: Determine for which journal your problem is of high visibility and importance!



THE METHODOLOGY

In the past we could have papers with “selling” titles as the one below



Artificial Intelligence in Medicine
Volume 7, Issue 6, December 1995, Pages 473-496



Paper
Clinical monitoring using regression-based trend templates
Ira J. Haimowitz ^{a,*,}, Phillip Phuc Le ^{b,} Isaac S. Kohane ^c
[Show more](#)
[https://doi.org/10.1016/0933-3657\(95\)00023-6](https://doi.org/10.1016/0933-3657(95)00023-6) [Get rights and content](#)

Later on when regression was not so hot...

www.ccsenet.org/ijbm International Journal of Business and Management Vol. 6, No. 4; April 2011

The Relationship between Work-Family Conflict and Job Satisfaction:
A Structural Equation Modeling (SEM) Approach

Nilgün Anafarta, Ph. D.
Associate Professor of Human Resource Management

Journal
Journal of Research on Technology in Education >
Volume 43, 2011 - Issue 4

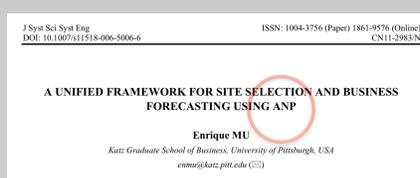
235 Views
14 CrossRef citations
0 Altmetric

Original Articles
Predictors of Teacher-Directed Student Use of Technology in Elementary Classrooms
A Multilevel SEM Approach Using Data from the USEIT Study
Helena Miranda & Michael Russell
Pages 301-323 | Published online: 21 Feb 2014

There was a time when AHP/ANP methodologies were hot

AHP

ANP



But the truth is that AHP/ANP have become mature methodologies similar to Regression and SEM



Suggestion 2: There are still some journals for which AHP/ANP is not commonly used. You need to find them!



THE THEORETICAL FRAMEWORK

You can frame the solution to your problem within a broader theoretical context

Regression

SEM

Contents lists available at ScienceDirect

Information & Management

Journal homepage: www.elsevier.com/locate/im

The assimilation of enterprise information system: An interpretation systems perspective

Enrique Mu^{a,*}, Laurie J. Kirsch^{b,1}, Brian S. Butler^{c,2}

^aCollege of Leadership and Social Change, Carlow University, 2333 8th Avenue, Pittsburgh, PA 15213, United States
^bJessie M. Katz Graduate School of Business, University of Pittsburgh, Pittsburgh, PA 15260, United States
^cCollege of Information Studies, University of Maryland, College Park, MD 20742, United States

Contents lists available at SciVerse ScienceDirect

Computers & Education

Journal homepage: www.elsevier.com/locate/compedu

Development of an electronic Portfolio system success model: An information systems approach

Igor Balaban^{a,*}, Enrique Mu^{b,1}, Blazenka Dvojak^{b,2}

^aUniversity of Zagreb, Faculty of Organizational and Information Systems, Brestova 2, 42 000 Varaždin, Croatia
^bCarlow University, 2333 8th Avenue, Pittsburgh, PA 15213, USA

You can do the same for AHP/ANP

AHP

ANP

Contents lists available at ScienceDirect

Int. J. Production Economics

Journal homepage: www.elsevier.com/locate/ijpe

Development of a fraud risk decision model for prioritizing fraud risk cases in manufacturing firms

Enrique Mu^a, James Carroll

Carlow University, Pittsburgh, PA, USA

International Journal of Information Technology & Decision Making
 Vol. 17 (2018)
 © World Scientific Publishing Company
 DOI: 10.1142/S0219621818502014

World Scientific
www.worldscientific.com

A Contingent/Assimilation Framework for Public Interorganizational Systems Decisions: Should the City of Pittsburgh and Allegheny County Consolidate Information Technology Services?

Enrique Mu^a and Howard Stern^b
College of Leadership and Social Change Carlow University
 Pittsburgh, PA, USA
^aemu@carlow.edu
^bhstern@carlow.edu

Suggestion 3: You need to find the proper theoretical framework for your study

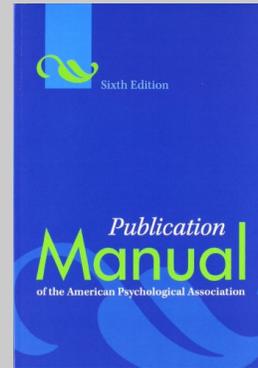


YOUR PAPER/REPORT

Is there a right way to report AHP/ANP studies? MS/OR studies?

Ethical and Legal Principles for Scholarly Writing*:

- To ensure the accuracy of scientific knowledge,
- To protect the rights of research participants, and
- To protect intellectual rights.



*APA Publication Manual (2010)

The essence to scientific accuracy is the ability to
validate and **replicate** studies

- This requires the report to adhere to a certain level of **quality** at all levels.



What do we need to validate/replicate ANP studies?: 18 variables

Qualitative

- How did the model come to be?
- Definitions of the clusters/nodes ([FACTOR1](#), [FACTOR2](#), [FACTOR3](#))
- Examples of comparison questions ([EXCOMPQ](#))
- How was the group aggregated? ([GAGGREG](#))
- How was group consistency addressed? ([GCONSIST](#))
- Report on each sub-network ([SUBNET](#))

Quantitative

- Influence matrix ([INFLUENCEM](#))
- Consistency ([CONSIST1, 2 & 3](#))
- Cluster Comparison ([CLUSTERCOMP](#))
- Global Prior. for Crit. ([FINALCRITPRIOR](#))
- Global Priority Altern. ([FINALTERPRIOR](#))
- Weighted Supermatrix ([WEIGHTSUPMAX](#))
- Sensitivity analysis ([SENSITIVITY](#))
- Ratings scales (if app.) ([RATINGSCALE](#))
- Provide relationship between sub-networks ([SUBNETAGGREG](#))

Also, for the purpose of **replicability**, APA recommends...

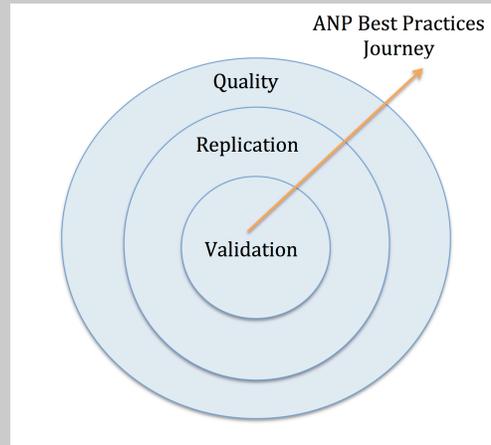
- Data *must* be made available to the editor as requested during publication process
- Authors *must* make their data available to other scholars to confirm analysis and results
- Data *must* be kept by the authors for a minimum of five years



The Bigger Issue of QUALITY

Quality is the biggest context for validation and replication. Involves reporting aspects such as:

- Structure
- Readability
- Clarity
- Completeness
- Parsimonious



What should authors do to increase their prospects of publication?

Authors



- Submit “full” (validation + replication) AHP/ANP papers even if they need to be downsized later or
- Submit papers within the journal page limit but make the remaining information available as appendix in the authors’ repository
- Replication information may be provided as an appendix which can be made available online in the author’s repository

You need to convince editors and reviewers that what you did was indeed well done.



Suggestion 4: Find ways to improve the validity, replicability and overall quality of your paper!



THANKS – QUESTIONS?

You can frame the solution to your problem within a broader theoretical context

Regression

SEM

