



ELSEVIER

Contents lists available at ScienceDirect

Data in Brief

journal homepage: www.elsevier.com/locate/dib

Data article

Q1 Faculty commitment, effectiveness of job
 Q2 responsibilities and the moderating role of
 Q3 institutional support: A survey data set

H.O. Falola, O.A. Oludayo, D.M. Akinnusi, A.O. Osibanjo,
 O.P. Salau

Q4 Department of Business Management, Covenant University, Ota, Nigeria

ARTICLE INFO

Article history:

Received 5 March 2018

Received in revised form

3 May 2018

Accepted 28 May 2018

ABSTRACT

The main objective of this paper is to present the data set which depicts faculty commitment and effectiveness of job responsibilities in a changing world and the moderating role of the university's support system. The population of the study consisted all the 1912 Faculty members of six selected private universities in Southwest, Nigeria [5]. The sample size determination formula by [5] was adopted, resulting in the selection of 400 respondents to whom a structured questionnaire was administered accordingly. Only 343 copies of the questionnaire were valid and used for this data set. Structural equation modeling, which combines factor analysis and multiple regression, was used to present the structural relationship between dependent and independent variables. When the data is analysed, it will help to determine the degree of relationship and the strength of significance between the observed variables and the latent constructs.

© 2018 The Authors. Published by Elsevier Inc. This is an open access article under the CC BY license

(<http://creativecommons.org/licenses/by/4.0/>).

Specification Table

Subject area	Management and Higher Education
More Specific Subject Area	Human Resource Management and Industrial Relations

E-mail address: hezekiah.falola@covenantuniversity.edu.ng (H.O. Falola).

<https://doi.org/10.1016/j.dib.2018.05.138>

2352-3409/© 2018 The Authors. Published by Elsevier Inc. This is an open access article under the CC BY license (<http://creativecommons.org/licenses/by/4.0/>).

Please cite this article as: H.O. Falola, et al., Faculty commitment, effectiveness of job responsibilities and the moderating role of institutional support: A survey data set, Data in Brief (2018), <https://doi.org/10.1016/j.dib.2018.05.138>

55	Type of Data	Table
56	How Data was	Through the administration of a structured questionnaire to Faculty members
57	Acquired	
58	Data format	Raw, analyzed and statistical data
59	Experimental	Stratified and simple random sampling of Faculty members of some selected
60	Factors	private universities in Southwest Nigeria.
61	Experimental	The perception of faculty members on the influence of job commitment on
62	features	the effectiveness of job responsibilities.
63	Data source	South west Nigeria
64	location	
65	Data Accessibility	All the data are included in this article

Value of the data

- The data covers a representative sample of private universities in Nigeria, thus enhancing external validity of the findings.
 - University management can leverage on the data, if analysed, for the purpose of decision making regarding employee commitment and job responsibilities
 - The analysis of this data can give valuable insights into the roles which university support plays in enhancing job commitment and responsibilities. See [1,3,7] for similar data.
 - The data can be used as a platform for further investigation by other researchers.
 - The data provided here can be used for educational and change management purposes.
 - The research instrument can be adopted or adapted for similar studies
 - This data can be used to determine the unique dimensions of relationships and significant effects of faculty commitment, university support and effectiveness of job responsibilities of faculty members.
-

1. Data

The data comprised raw statistical data on the influence of faculty commitment on the effectiveness of job responsibilities, with the role of the university system as a moderating factor. Descriptive design was adopted for this data set. Statistical Package for Social Sciences (SPSS) and AMOS 22. Structural Equation Modelling (SEM) was used to determine the strength of relationship and resultant effects of the observed variables and the latent constructs. Fig. 1 and Table 1 shows the output of structural equation modeling and the regression weight of the data processed. The processed data for the study were gotten through the use of the 5-point Likert scale. The analysis of this data can provide a deep insight into what the university management should do to earn the commitment of faculty members and enhance their job responsibilities particularly in this contemporary and highly competitive academic environment.

2. Experimental design, materials and methods

In order to determine the sample size, [1,5] formula was used

$$n = \frac{N}{\sum \left[\frac{C^2}{1 + N(e)} \right]}$$

Where;

- n** = the desired sample size to be determined
- N** = total population

Download English Version:

<https://daneshyari.com/en/article/6596580>

Download Persian Version:

<https://daneshyari.com/article/6596580>

[Daneshyari.com](https://daneshyari.com)