

Influence of job satisfaction and training on individual performance of microfinance advisors in Sonora and Chiapas, Mexico

Influencia de la satisfacción laboral y capacitación en el desempeño individual de los asesores de las microfinancieras en Sonora y Chiapas, México

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Abstract

Objective

Measure whether job satisfaction (JS) and the training of advisors (TA) influence the individual performance of advisors (IPA) of microfinance institutions to identify areas of opportunity and determine solutions so that the performance is as expected by managers.

Methodology

This research was carried out with microfinance institutions located in Tuxtla Gutierrez, Chiapas, as well as in the south of the State of Sonora, in the municipality of Ciudad Obregon. This study is quantitative, exploratory, correlation type, non-experimental, using the SPSS and Smart PLS Systems to explain the results.

Contribution

In microfinance institutions, a very important point is the training that the advisors have, so that, in turn, they can maintain a good performance in the area they work and thus meet the goals and objectives of the microfinance institution to which they work and be able to offer a good service to the borrowers who go to the offices to request a microcredit, most of them being highly vulnerable people in their economic situation; Being able to involve the borrower in decision-making with the assurance that he can understand the risks and benefits that he will have with each microcredit he requests.

Job satisfaction, Advisors, Microcredits

Resumen

Objetivo

Medir si la satisfacción laboral (SL) y la capacitación de los asesores (CA) influyen en el desempeño individual de los asesores (DIA) de las microfinancieras para identificar áreas de oportunidad y determinar soluciones para que el desempeño sea el esperado por los directivos.

Metodología

Esta investigación se llevó a cabo con las microfinancieras localizadas en Tuxtla Gutierrez, Chiapas, como en el Sur del Estado de Sonora, propiamente en el municipio de ciudad Obregón. Este estudio es de tipo cuantitativo, exploratorio, tipo correlacional, no experimental, utilizando el sistema SPSS además de SMART PLS para explicar los resultados.

Contribución

En las microfinancieras, un punto muy importante es la capacitación con la que cuentan los asesores, para que, a su vez, estos puedan mantener un buen desempeño en el área que laboran y así, cumplir las metas y objetivos de la microfinanciera a la que pertenecen y poder ofrecer un buen servicio a los prestatarios que acuden a las oficinas para solicitar un microcrédito siendo en su mayoría personas altamente vulnerables en su situación económica; poder involucrar al prestatario para la toma de decisiones con la seguridad de que puede entender los riesgos y beneficios que tendrá con cada microcrédito que solicite.

Satisfacción laboral, Asesores, Microcréditos

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Introduction

Yunus, M. (2018), known as the “banker of the poor”, for more than 40 years has been the leader through campaigns with the sole purpose of granting microcredits to the poorest, most vulnerable families that live in rural communities and not supported by traditional financial institutions. Likewise, González-Vega, C. (2018) professor emeritus at Ohio State University, has specialized over the years in the area of microfinance in Latin America, and supports Dr. Yunus with the idea of supporting families who most need financial resources entitled microcredits so that they can start their business or improve it.

Currently there are a large number of lenders and financial institutions that help people with limited resources, granting them loans or microcredits, but with high or inaccessible interests, or in the same way requesting some guarantee of said loan.

For the development of this research, the literature related to job satisfaction of advisers who work in microfinance institutions was reviewed to determine the factors or variables that affect precisely this issue, according to the authors, and some studies with very interesting results were found.

Gonzales Lázaro, HE, Herrera Saavedra, LG, Ramírez Díaz, SM, & Varas Velásquez, RJ (2019) carried out the study of job satisfaction and its correlation with the intention of rotation of commercial advisers of microfinance institutions, with results where they leave the evidence that there is a significant problem in the microfinance sector, which makes essential actions to reduce the rotation of microcredit advisers, using Herzberg's theory.

Also in the research published by Jiménez, ILV, Millanes, MDM, Palomares, MMG, del Carmen, M., & Torres, V. (2018) Job satisfaction by gender of the advisers within the economic activity of financial services in the Municipality de Cajeme, the objective was to determine the job satisfaction by gender that the advisers of these financial institutions present and they reviewed the difference that exists between men and women regarding the influence of sociodemographic variables.

Gonzales Carrasco, M. Á. (2020) with the study entitled stress and its influence on job satisfaction in microfinance institutions in the city of Cajamarca, confirmed that the variable of job stress does have a direct influence on job satisfaction in these institutions.

With the study presented by Guerrero Díaz, JA (2018) Commercial and financial skills training course focused on the microfinance sector, it clearly specifies the profile that the microcredit advisor must have because it is in charge of helping borrowers or accredited discover their financial needs, analyzing past, present and future situations.

Continuing with the review of the microcredit literature, approximately 12,600 documents that support studies related to microcredits and financial inclusion were found in the academic google network, the impact that microcredit has had in the lives of borrowers in countries of South America, Central and Mexico as well as in other countries of Europe and Africa; also studies referring to the sustainability of microfinance institutions among other issues.

In reality, there is a scarcity of research as the main participant to the microcredit advisers, which were found to be mentioned above, consider variables such as stress, staff turnover, gender of the advisers but not explicitly focused on individual performance, training needs and job satisfaction as intended with this research.

Based on the above, the objective of this research is to measure whether job satisfaction (SL) and the training of advisers (CA) influence the individual performance of advisers (DIA) of microfinance institutions to identify areas of opportunity and determine solutions for performance to be as expected by managers

It is important to mention that in 2018, in an academic event, results of an investigation related to the validation of the instrument for measuring individual performance of the advisers in microfinance institutions, Vazquez-Jimenez, Imelda Lorena, Aguirre-Choix, Ricardo, Gomez- Hinojosa, Carolina and Mundo-Velazquez Rodolfo (2018), was a descriptive research, a Non-experimental study according to Hernandez, Fernandez and Baptista (2016).

The measurement instrument was validated through the exploratory factor analysis test, a total explained variance of 62.58% was obtained, the cronbach's alpha that according to (Levy and Varela, 2003) this result for exploratory studies must be greater than 0.40 obtaining a reliability by variable for job satisfaction (JS) 0.829, for training advisors (TA) 0.821 and for the individual performance advisors variable (IPA) 0.893.

This same study presented a Kaiser-Meyer-Olkin (KMO) test of 0.871 and the Barlett test was significant at .000, confirming the internal validity of the measurement instrument; Due to these results, the decision is made to continue this research now with the instrument already validated for its application in microfinance institutions located in the municipality of Ciudad Obregon, Sonora and Tuxtla Gutierrez, Chiapas, to make a study of the behavior of the variables in study.

Precisely when targeting people with limited resources, it is of the utmost importance that the advisors who serve these people demonstrate good individual performance, but the problem that currently exists is that there are no documents that validate the information regarding the performance of the advisors considering the influence that job satisfaction and their training may have.

Therefore, for this research we have two hypothesis in order to explain the influence of the dependent variable individual performance through the independent variables: job satisfaction and training of the advisors.

Research Hypothesis

H1: Job satisfaction(JS) has a positive impact on the individual performance(IPA) of the advisors in the microfinance institutions of Ciudad Obregon, Sonora as well as Tuxtla Gutierrez, Chiapas.

H2: The training (TA) has a positive impact on the individual performance (IPA) of the advisors in the microfinance institutions of Ciudad Obregon, Sonora as well as Tuxtla Gutierrez, Chiapas.

(Y) Dependent Variable: Individual Performance advisors

(X1) Independent variable: Job Satisfaction

(X2) Independent variable: Training Advisors

It is expected that this document will be an important and clear input so that the directors of the different microfinance institutions not only in the participating States but also in the rest of the country and at the international level, can determine the training needs that the advisers require, as well as the satisfaction work that they have in the individual performance of their functions for the proper functioning of this type of institutions and that the advisers as indicated (Salas, 2012) can have a global performance and productivity to solve problems and establish a relationship between competence and professional training to create dimensions in the development of human capital.

This research is divided into 4 sections. In the first part Introduction, antecedents related to this research, justification, objective and hypothesis are presented; the second section presents the methodology; in the third the results and in the fourth part the conclusions and possible future research.

Methodology

This research was developed under a quantitative approach, since the data collection is used to test the hypotheses based on the numerical information obtained and the statistical analysis through the SPSS and SmartPLS 3 in order to contrast the theory with reality. The data analyzed are on quantitative data on the variables of job satisfaction, training of advisors and individual performance of advisors of microfinance institutions.

According to Anderson, DR, Sweeney, DJ, & Williams, TA, Camm, J. and Martin, K. (2011) when using the quantitative approach, the analyst will focus on the quantitative facts or data associated with the problem and will develop expressions mathematics that describe the objectives, constraints, and other relationships that exist in the problem.

It is non-experimental, since there is no control over the independent variables because the events have already occurred. It is exploratory in nature, since there is little information with the proposed study and it is desired to contribute to the knowledge through understanding the phenomenon under study. It is cross-sectional, since it only reflects a moment in time and does not consider other events; it is correlational type since it focuses on the relationships between the variables, likewise, the research sample is that of non-probability sampling for convenience according to Hernandez, et al. (2016).

The subjects that participated in this research are the advisers who attend the borrowers who go to the microfinance institutions to request a micro-credit, a population of 72 advisers, 60 advisers were identified in Ciudad Obregon Sonora, which means 86% participation, of which 43% are male and 57% are female sex, among males 38% are between 31 and 35 years old, and 26% between 26 and 30 years old, in addition 57% have a professional career and 19% only have high school studies, now well In females, 29% are between 26 and 30 years old and 20% between 18 and 25 years old, 50% have a professional career and 32% have only high school studies; In Tuxtla Gutierrez, Chiapas, a population of 47 advisers, 29 advisers participated, which means 62% participation of which 52% are male and 48% female, among males 46% are between 31-35 years old, and 33% are aged between 26 and 30 years old, and 100% have a professional career, in the percentage of women, 28% are between 26 and 30 years old and 35% are 18 to 25 years old, and 100% have a professional career.

The materials that were used in the present investigation is a questionnaire which the measurement instrument was validated through the exploratory factor analysis test, the cronbach's alpha, KMO, and Barlett test confirming the internal validity of the measurement instrument. The questionnaire was made up of 19 items distributed as follows: 6 items for the independent variable job satisfaction (JS), 6 items for the independent variable of the Training of advisers (TA) and 7 items for the dependent variable of individual performance of advisers (IPA), this questionnaire was taken from the research of Vazquez et.al., (2018).

It should be clarified that at the time of feeding the Model in Smart PLS, the decision was made that in the training variable two questions had to be eliminated, leaving only four questions because they had no significant contribution to the model.

Develop give the meaning of the variables in linear writing and important is the comparison of the used criteria.

The procedure for this research was carried out as follows:

The document that had been presented at an academic event in 2018 was consulted to follow up on the results of the design of the questionnaire, which at a through testing exploratory factor analysis, Cronbach's alpha, KMO and Barlett was validated to confirm the internal validity of the measuring instrument.

The questionnaire was applied with the visit to the microfinance institutions both in Ciudad Obregon, Sonora and Tuxtla Gutierrez, Chiapas, specifically with the advisers who wished to participate to respond to the questionnaire, this was carried out in a period of six months.

The SPSS version 21 was fed for the database as the main input for the analysis of results. The SMART PLS 3.0 system was also used to obtain the Model with the independent variables (job satisfaction and training) and the impact with the dependent variable individual performance of the microfinance advisers: in addition to the Model, BETAS R^2 was obtained, discriminant validity under the criteria of the Fornell and Larcker Criterion published in 1981, indicated by Ab Hamid, MR, Sami, W., & Sidek, MM (2017, September).

Finally, discussion of results and proposals for new research.

Results

With the independent variables of job satisfaction and training, the individual Performance Model (dependent variable) of the microfinance advisers is explained.

Below are the results obtained in relation to the presentation of the Model, for which according to Hair, JF, Ringle, CM, & Sarstedt, M. (2011), the R² classifies it with the following values: 0.75 substantial, 0.5 moderate and 0.25 weak, obtaining an R² of 0.586, which means that there is a moderate explanation in relation to more job satisfaction and better training improve their individual performance, that is, 0.414 is explained through other variables. This Model presents the Beta and sign between the independent variable of Job Satisfaction and the dependent variable of individual performance of the consultants at 0.407, which measures the intensity for individual performance to increase with a direct positive relationship. Likewise, the Beta and sign between the independent variable of Training and the dependent variable of individual performance of the advisors is presented at 0.403, which measures the intensity so that individual performance is increased also with a direct positive relationship. It is presented in Figure 1.

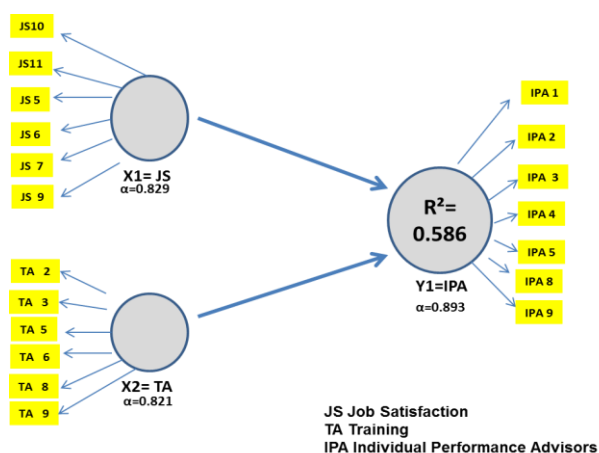


Figure 1 Graphical Model

Source: Own elaboration, 2021

According to Ab Hamid, MR, Sami, W., & Sidek, MM (2017) point out that the Fornell and Larcker criterion mentions that each one of the constructs must have greater internal correlation than with another construct, this validates those two constructs are measuring different variables.

The result in this Model was 0.771 for job satisfaction, for training 0.848 and for individual performance of the microfinance advisors it was 0.787 which indicates that the constructs are well grouped, one construct is not being measured by another. The above was obtained through the Smart PLS 3.0.

In relation to the validity and verification of the hypothesis for this research, the result was obtained using the Smart PLS 3.0.

(Y) Dependent Variable: Individual Performance advisors.

(X1) Independent variable: Job Satisfaction.

(X2) Independent variable: Training Advisors.

H1: Job satisfaction (JS) has a positive impact on the individual performance (IPA) of the advisors in the microfinance institutions of Ciudad Obregon, Sonora as well as Tuxtla Gutierrez, Chiapas; statistically significant, it has a value greater than 1.5, with a t statistic of 2.805 with reliability greater than 99% because it has a P value of 0.005.

H2: The training (TA) has a positive impact on the individual performance (IPA) of the advisors in the microfinance institutions of Ciudad Obregon, Sonora as well as Tuxtla Gutierrez, Chiapas; statistically significant, it has a value greater than 1.5, with a t statistic of 2.683 with reliability greater than 99% because it has a P value of 0.008.

The proposed statistical model is predictive, according to Hernández, Fernandez y Baptista (2006), because the R² measure of 0.586, it can be said that the model explains the 58.6% of the variation of the individual performance variable.

Conclusions

The methodological objectives were met. (Background, hypothesis, instrument, validation, methodology). Two hypotheses were raised which were validated with positive verification.

H1: Job satisfaction (JS) has a positive impact on the individual performance (IPA) of the advisors in the microfinance institutions of Ciudad Obregon, Sonora as well as Tuxtla Gutierrez, Chiapas; statistically significant, it has a value greater than 1.5, with a t statistic of 2.805 with reliability greater than 99% because it has a P value of 0.005.

H2: The training (TA) has a positive impact on the individual performance (IPA) of the advisors in the microfinance institutions of Ciudad Obregon, Sonora as well as Tuxtla Gutierrez, Chiapas; statistically significant, it has a value greater than 1.5, with a t statistic of 2.683 with reliability greater than 99% because it has a P value of 0.008.

The contribution made by this research is that not enough documents have been found with studies of the individual performance of microfinance advisors, searching in academic google found 25,000 documents related to the variables of individual performance, job satisfaction and training, as well as organizational climate, learning, working conditions, among other variables applied to different areas but not to microfinance advisors, which justifies this research because the measurement instrument was validated through the exploratory factor analysis test, a total explained variance of 62.58% was obtained, the cronbach's alpha that according to (Levy and Varela, 2003) this result for exploratory studies must be greater than 0.40 obtaining a reliability by variable for job satisfaction (JS) 0.829, for training advisors (TA) 0.821 and for the individual performance advisors variable (IPA) 0.893.

Also, with hypothesis validated and proven in a positive way, which means that this study can be replicated in other States at the national level but also in microfinance institutions at the international level to reach a standard of the behavior of the variables under study and work together with the components of the fifth helix such as the company, the government, the education sector, organizations representing the microfinance companies, and independent consultants, remembering at all times that microfinance companies arise due to their need a sector with people who have been excluded from accessing financial services such as financing, and that the responsibility of attending to these people has invariably fallen on the advisors, so it is considered that they are the ones who should be trained to attend to this type of vulnerable people, due to the economic situation they have and who require support, advice, follow-up for a good administration of the microcredits they receive.

References

- Ab Hamid, M. R., Sami, W., & Sidek, M. M. (2017, September). Discriminant validity assessment: Use of Fornell & Larcker criterion versus HTMT criterion. In *Journal of Physics: Conference Series* (Vol. 890, No. 1, p. 012163). IOP Publishing.
- Anderson, D. R., Sweeney, D. J., & Williams, T. A., Camm, J. y Martin, K. (2011). *Métodos cuantitativos para los negocios*, D.F. México, Cengage Learning.
- Gonzales Carrasco, M. Á. (2020). El estrés y su influencia en la satisfacción laboral en microfinancieras de la ciudad de Cajamarca. Retrieved from: <http://repositorio.upagu.edu.pe/bitstream/handle/UPAGU/1419/MIGUEL%20GONZALES%20CARRASCO%20%281%29.pdf?sequence=1&isAllowed=y>; Accessed September 5, 2021.
- Gonzales Lázaro, H. E., Herrera Saavedra, L. G., Ramírez Díaz, S. M., & Varas Velásquez, R. J. (2019). La satisfacción laboral y su correlación con la intención de rotación de asesores comerciales de las instituciones microfinancieras, Retrieved from: https://repositorio.esan.edu.pe/bitstream/handle/20.500.12640/1718/2019_MAODP_16-1_02_T.pdf?sequence=4&isAllowed=y; Accessed September 25, 2021.
- Guerrero Díaz, J. A. (2018) Curso formativo de habilidades comerciales y financieras enfocadas al sector de las microfinanzas. Retrieved from: https://repository.unab.edu.co/bitstream/handle/20.500.12749/14580/2018_Tesis_Guerrero_Diaz_Jesus_Alberto.pdf?sequence=1; Accessed September 5, 2021.
- Hair, J. F., Ringle, C. M., & Sarstedt, M. (2011), PLS-SEM: Indeed a silver bullet: *Journal of Marketing theory and practice*, 19(2), 139-152
- Hernández, Fernández y Baptista (2016) *Metodología de la investigación* (Séptima ed.) México: Mc Graw Hill.
- Hernández, Fernández y Baptista (2006) *Análisis de los datos cuantitativos. Metodología de la investigación*, 407-499.

Jiménez, I. L. V., Millanes, M. D. M., Palomares, M. M. G., del Carmen, M., & Torres, V. (2018) Satisfacción laboral por género de los asesores dentro de la actividad económica de servicios financieros en el Municipio de Cajeme. In I Congreso Internacional de Género (p. 43) Retrieved from: <https://www.itson.mx/publicaciones/pacioli/SiteAssets/Paginas/pacioli/EspecialCongresoDeGenero-105.pdf#page=43>; Accessed September 5, 2021.

Lévy J., & Varela, J. (2003). Análisis Multivariable para Ciencias Sociales (Primera ed.). Madrid, España: Pearson, Prentice Hall.

Salas Perea, R. S. (2012). Los procesos formativos, la competencia profesional y el desempeño laboral en el Sistema Nacional de Salud de Cuba. *Educación Médica Superior*, 26(2), 163-165. Accessed June 2018 at the source of: http://scielo.sld.cu/scielo.php?pid=S086421412012000200001&script=sci_arttext&tlng=en

Vazquez-Jimenez, Imelda Lorena, Aguirre-Choix, Ricardo, Gomez- Hinojosa, Carolina and Mundo-Velazquez Rodolfo (2018). Validation of measuring individual performance of microfinance consultants. *RINOE Journal-Macroeconomics and monetary economy*.2018.2-3:5-12.

Yunus, Muhamad, (2018) BBC News Mundo. Retrieved from: <https://www.bbc.com/mundo/noticias-46021869>; accessed October 4, 2021.