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THE ANALYSIS INVOLVING STOKVEL MEMBERS IN SOUTH AFRICA

Introduction

Developing the stokvel industry could be key to poverty alleviation, reduction of unemployment and broadening equitable access to the ownership of the economy and capital accumulation; thus improving the livelihoods and raising the standard of living in South Africa.

Problem Statement

In South Africa 17.4% people are in stokvels, however lack digital skills and the level of education.



SIGNIFICANCE OF THE STUDY

Aims

- The aim of our research is to explore stokvels in the economic transformation/developing in south Africa.
- To implement digital skills to stokvel members

Objectives

- The objective to this policy is to try and reduce poverty in South Africa as per outcome 1 of the Sustainable Development Goals.
- To determine the economic contribution factors of stokvels
- To find what are the factors affecting stokvels(area where you come from , age group and digitals skills)



Data description

- Target population of this study is 3000 based on stokvel data as per data set
- We used a simple random sampling to sample members of stokvels based on the comparison variables (demographics.)
- Used excel to analyse and interpret data and SPSS version 22 to do linear regression and correlation



Methodology

- Data collection

 - Secondary data – it was collected using questionnaires

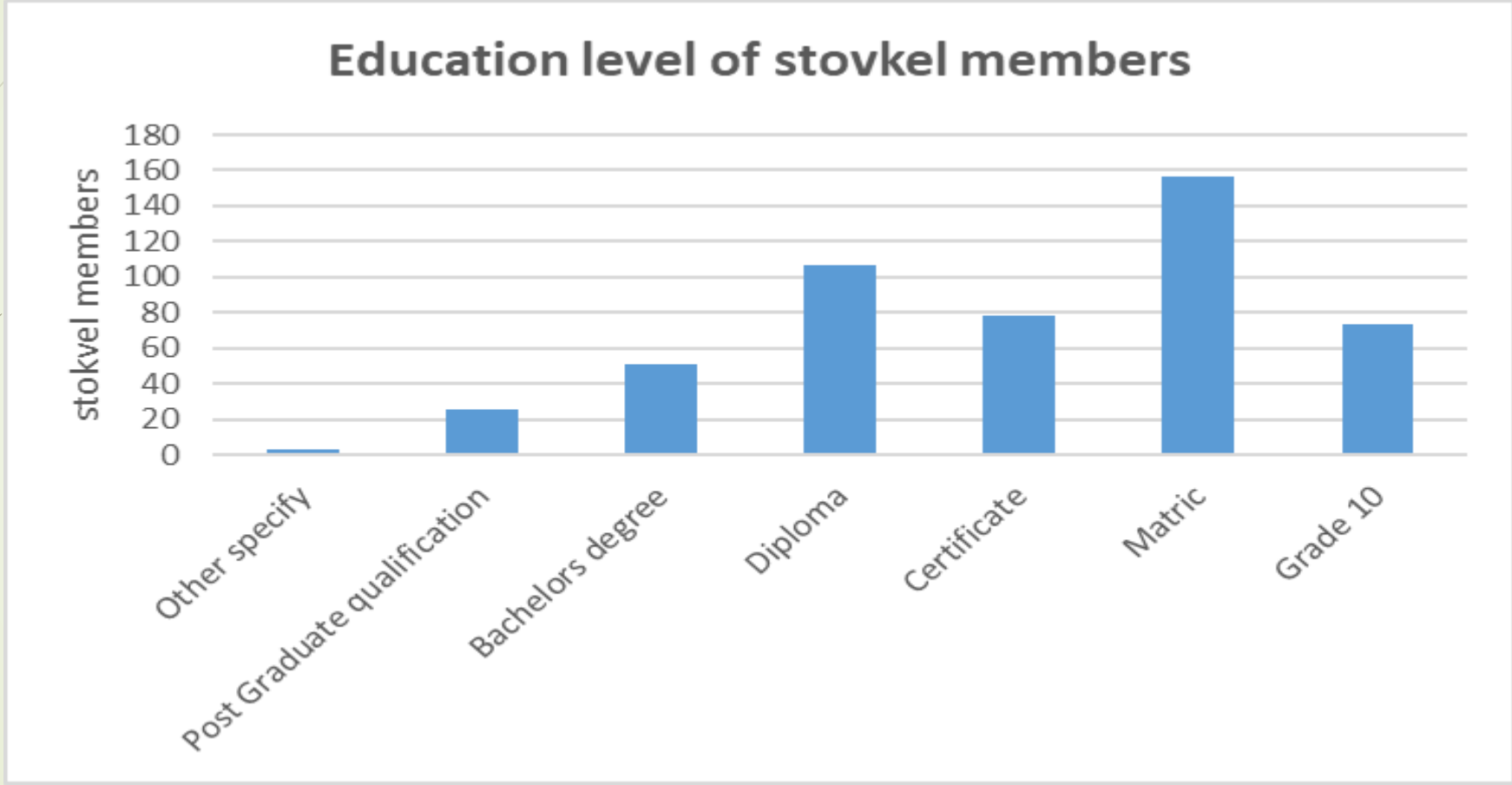
- Data Analysis

 - Linear regression – we got the relationship between two variables from the questionnaire

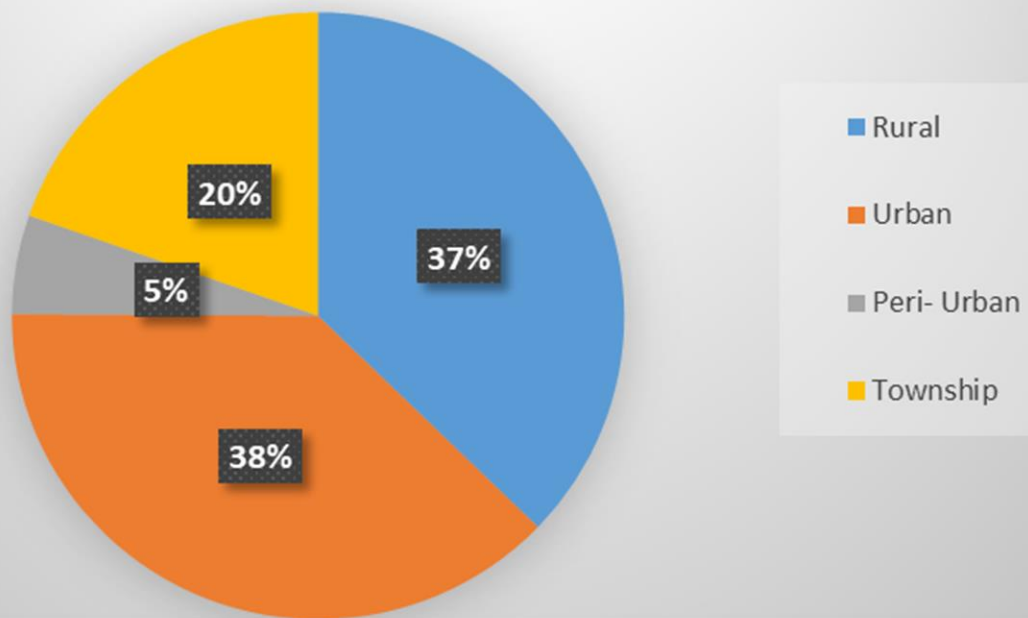
 - Correlation – the strength of the relationship was determined

- Statistical tools

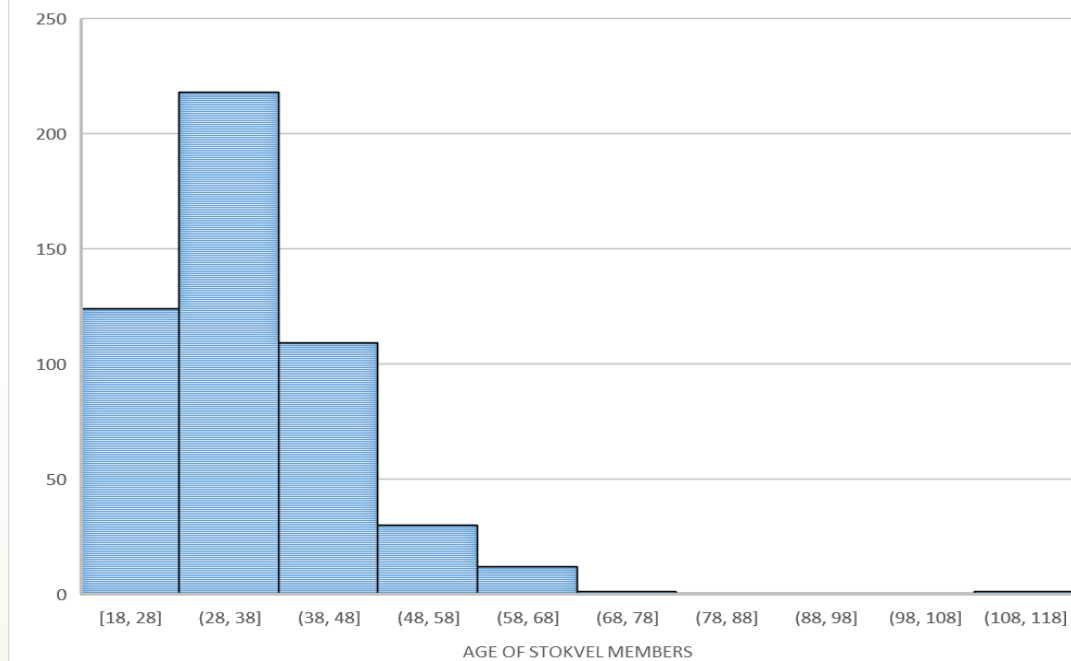
 - SPSS, Microsoft Office and R programming.



Percentage of people in stockel in different areas



AGE GROUPS OF STOKVEL MEMBERS



Model Summary									
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.154 ^a	.024	.023	.377	.024	67.909	1	2811	.000

a. Predictors: (Constant), Age

ANOVA ^b						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	9.652	1	9.652	67.909	.000 ^a
	Residual	399.538	2811	.142		
	Total	409.190	2812			

a. Predictors: (Constant), Age
b. Dependent Variable: Are you a member of a Stokvel?

$$R = 0.154$$

$$Y = -0.12 + 0.006$$

Coefficients ^a								
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95,0% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constant)	-.012	.024		-.509	.611	-.059	.035
	Age	.006	.001	.154	8.241	.000	.005	.007

a. Dependent Variable: Q20. Are you a member of a Stokvel?