ReadyMade Analysis Report

Analysis on: 2014-06-26

Introduction

The organization Root Capital used ReadyMade in order to conduct an impact analysis for their project Coffee Cooperative. The mission of Root Capital is To help coffee producers make a sustainable living. Root Capital serves its mission by providing Loans to their primary user group - 'Coffee Co-ops'.

Key Impact Question

" What is the relationship between Loans and the project's ability to achieve their intended outcomes? "

Data & Methods

Identifying Key Variables

In keeping with the ReadyMade tenet to keep the analysis simple, we look for one key outcome variable that is highly correlated with the other available outcome variables

Correlations between variables

Therefore, we narrowed our investigation to one key performance variable, Total equity (US$), which provides similar results as using any of the other available outcomes variables (confirmed by our statistical analysis). Similarly, We also decided to use only Fixed assets (property, plant & eqpmt (PPE)) (US$) for input variables and Total equity (US$) to control for environmental characteristics.

Regression Analysis

What are we measuring?

Measuring the impact of "Fixed assets (property, plant & eqpmt (PPE)) (US$)" on "Total equity (US$)" while controlling for variables such as "Total equity (US$)"

R-Squared: 1.0
F-Stat: inf
p-Value: 0.0
Degrees of Freedom: 3
No. of observations: 104

	Coefficient	p-Value	Std Error	t-stat
Fixed assets (property, plant & eqpmt (PPE)) (US$)	0.0	0.0951	0.0	1.68
Total equity (US$)	1.0	0.0	0.0	3.38866894276e+15

Conclusion

The regression indicates that Root Capital Loans have a positive relationship with Coffee Cooperative inputs: Every 1 unit of Root Capital Loans to Coffee Cooperative is associated with a(n) increase of 1.0 units in Root Capital inputs.