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Microloans, Macro Impact

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Introduction

- Nearly half of today's population is living in poverty, meaning that they are living on less than \$2.50 a day
- Microcredit and Microfinance refer to the opportunity to obtain banking services and financial products to individuals who are typically considered "non-bankable"
 - Subprime or Risky Borrowers
- Traditional Banking typically requires a borrower to prove they are credit worthy and have collateral before they can obtain a loan
 - A credit score indicates the past borrowing history of an individual
 - An individual who cannot prove their credit worthiness will pay higher premiums
- Microfinance Institutions are Non-Traditional Lenders
 - Do Not Require a form of security or collateral
- Access to a loan gives individuals the ability to create sustainable income producing businesses to consistently earn an income and payback the loan in comparison to a one time charitable gift

Analysis of Micro Lending

- High interest rates means high cost of borrowing for the borrower
 - Interest Rates are the Cost of Money
- Riskier investments require higher returns on investments for the lender
 - Risk vs. Reward
- **Income from Loans =**
 - + Cost of Funds:
 - + Cost of Debt and Equity to fund the upfront capital
 - + Loan Loss Expense:
 - + Reserve for others missed Loan Payments
 - + Operating Expense:
 - + Employment Compensation, Cost of Implementing Loan Management Activities and Lessons, Firm Assets
 - + Profit

Other Interest Rate Determinants

- Risk Free Rate
- Currency Risk
- Political Risk
- Specific to Micro Lending: Peer Groups for support and availability of funds

Benefits of Microfinance

- Confidence of having money in the bank
- Creates successful entrepreneurs and not objects of charity
- The Multiplier Effect in practice

Implications of Microfinance

- Subprime lending is expensive for both the borrower and lender
- Difficult to ensure that the money is going towards the intended purpose
- Micro Finance Payback Support Groups structure can limit another's ability to obtain a loan

Discussion

- Business vs. Charity?
 - Loans are Costly for Subprime Borrowers
 - High Interest Rates
 - Nature of the services and risks associated with Micro Lending
 - For Profit Businesses Require a Profit Premium
 - Is profiting from people in poverty ethical?
- Money Management lessons and security of a safe place to hold money is worth the expense of high interest payments
- Reduce severity of poverty and increase quality of life

Impact of Microcredit in Bangladesh:

- Group Method or "peer pressure" encourages a 90% repayment success rate with a 15% drop out rate
- For every 100 taka, household consumption increases:
 - 18 taka for Women
 - 11 taka for Men
- Poverty falls by 15% for the moderate poor and 25% for the ultra poor when they borrow a loan for up to 3 years
- In Grameen Bank Villages, individuals with one or no loans have a poverty rate of 76% while those borrowing five or more loans have a 57% poverty rate

Muhammad Yunus and The Grameen Bank

- Nobel Peace Prize 2006 for "creating economic and social development from below"
 - Does creditworthy mean trustworthy?
 - The wealthy can always get access to loans, which implies more money, while the poor cannot obtain loans
 - Yunus believes that Credit is a human right
- Believes that anyone, given the skills and the chance to borrow money, can manage their finances with a high repayment success
- The loans are used to start sustainable businesses to create reliable incomes

Micro Finance in the US

- Welfare
 - Implement a payback program or keep as is?
- J.P. Morgan
 - Small Business Forward Movement
 - Encouraging local, small business owners to hire other members of the community to reduce unemployment

Literature Cited

Develtere, Patrick, and An Huybrechts. "The Impact of Microcredit on the Poor in Bangladesh." *Alternatives: Global, Local, Political*, vol. 30, no. 2, 2005, pp. 165-189. www.jstor.org/stable/40645154.
 "The Definition of Microfinance." *Microfinance and Microcredit*. N.p., n.d. Web. 20 Feb. 2017.
 "The Nobel Peace Prize 2006." *Nobelprize.org*. N.p., n.d. Web. 17 Mar. 2017.
 Rosenberg, Richard, Scott Gaul, William Ford, and Olga Tomilova. "Microcredit Interest Rates and Their Determinants: 2004-2011." *Microfinance 3.0* (2013): 69-104. World Bank Group, June 2013. Web. Mar.-Apr. 2017.
 "Small Business Forward." *JPMorgan Chase & Co*. N.p., n.d. Web. 1 Mar. 2017.

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