

Table S1. Community-level characteristics from Indian data, Young Lives round 2, 2006

1. Local Pollution (n=14)

Is this a problem in locality?

Water pollution

Industrial waste deposited or dumped at (or in) water sources

Mining waste deposited or dumped at (or near) water sources

Local families garbage dumped at (or in) these water sources

Animal feces at (or in) water sources

Land pollution

Wasteland (non-regulated space) where firms dump garbage

Wasteland where local families dump garbage

Wasteland where families from other localities dump garbage

Animals' excrements on the streets (of the locality)

Air pollution

Garbage burning

Industrial activity

Trucks, cars, and the like passing by locality

Use of pesticides, fertilizers in local agricultural lands

Other types of pollution

Noise pollution (motor vehicles, airports, factories)

Standing water, open drains (with the consequent proliferation of mosquitoes, rats and other animals that threaten local population's health)

2. Local Social Problems (n=9)

Is this a problem in locality?

Theft / robbery

Cattle/livestock theft

Prostitution in the local area

Juvenile gangs

Local adult bands/groups rivalry (political, ethnic, economic-wise)

Illegal drugs selling in the local area

Drug-addicts in the local area (either residents or outsiders consuming illegal drugs in the local area)

Alcoholism

Violent crimes

3. Access to Local Services (n=26)

Is the following service currently available at locality?

Recreational areas: children's playgrounds

-space exclusively assigned for little children to play

(it might be an open field as long as it is clean and safe/secure)

Recreational areas: football (soccer) field, volleyball field, etc.

-space exclusively assigned for children and adolescents to exercise/practice a sport

(it might be an open field as long as it is clean and safe/secure)

Recreational areas: camping zones of family recreational areas

Movie theatre / public place for playing films

Video games

Cock fighting arenas / bull fighting arenas or other animal fighting arenas
 Space for fairgrounds / circus (temporary recreational activities)
 Slot machines / casino
 Religious institutions, churches
 Public telephones, community telephone, rural telephone.
 Private telephone (at least one connection)
 Public internet cabin
 Electricity (at least one connection)
 Drinking water (at least one connection)
 Sewerage (at least one connection)
 Police station
 Non-professional judge
 Professional judge
 Nationalized banks
 Other private banks
 Local government credit/savings schemes
 Primary agricultural cooperative societies
 Anganwadi Center for Integrated Child Development Services (ICDS)
 Regulated market
 Fair price/ Public distribution system (PDS) shop
 Veterinary hospital

4. Local Programs Run by Government and NGO/Charity (n=60)

Does this program currently operate at locality?

Food assistance programs/employment generation programs

National Mid-day meal scheme: school meal program run by the government of India
 Public distribution system (PDS): Indian food security system
 Antyodaya Anna Yojana (AAY): governmental foods subsidy scheme for the poorest
 Annapurna Scheme: food security program for senior citizens

Education programs

Rural education scholarship
 Free Text-Book
 School feeding program (ICDS)
 Free Transport and Free Tuition Fee programme
 Education Guarantee Scheme under Sarva Shiksha Abhiyan (SSA)/Alternative School
 Residential Schools run by Social Welfare departments

Health programs

Health insurance
 Central Rural Sanitation Program (CRSP) (ISL)
 Swajala dhara (Drinking Water)

Infrastructure programs

Soil & Water Conservation Program

Other programs

Food for work
 Agricultural extension services
 Widow pensions

National Family Benefit Scheme (NFBS)
 National Maternity Benefit Scheme (NMBS)
 Girl Child Protection Scheme
 Indira Awas Yozana (IAY)
 Credit Cum Subsidy Scheme for Rural Housing (CCSSRH)
 National Old Age Pension Scheme (NOAP)
 Sampoorna Grameena Rozgar Yozana (SGRY))
 Swarnajayanti Gram Swarojgar yojana (SGSY)
 Prime Minister's Rojgar Yojana (PMRY)
 Pradhana Manthri Grameena Sadak Yojana
 Development of Women and Child in Rural Areas (DWACRA/DPIP/RPRP) Groups
 Joint Forest Management (JFM)
 Farmers Clubs
 Watershed Development Works
 Watershed (DPAP)
 Watershed (Others)
 Desert Development Program
 Waste Land Development Program
 National Rural Employment Guarantee Scheme
 National Project on Bio-gas development
 Integrated Rural Energy Program
 Integrated Cattle Development Program
 Integrated Dairy Development Program
 Fish Farmer Development Program
 Crop Insurance
 Agriculture input subsidy/crop production program
 Deepam Padhakam
 Land Distribution (CLDP / Indira Prabha)
 Adarana
 Subsidy on purchase of Agri. Machinery
 Support of bonded and Child Labor
 Free veterinary Camps
 Cheyutha (for Disabled)
 CM EY / Rajiv Yuva Shakti
 Swadhar Programme (Child Trafficking)
 Programmes of SC Corporation
 Programmes of ST Corporation
 Programmes of BC Corporation
 Programmes of Minority Corporation
 Kasturba Gandhi Balika Vidhhyalaya
 National Child Labour Programme
 Andhra Pradesh Special Police
 APRLP

5. Local Healthcare Resource (n=21)

Is there currently _____ available in locality?

Health facility

Public hospital

Private hospital

State run health center (PHC)
Private clinic
Public clinic (sub center)
Health center (private)
Pharmacy
Family planning clinic (public)
Family planning clinic (private)
Private maternity home
Health post

Health workers

Trained midwife
Traditional birth attendant
Traditional healer
Curioso
Village health worker
Auxiliars/Technician nurses/Medical care assistant
Trained nurse
Social worker
Mental health worker
General physician
Specialist physician (pediatrician, gynecologists, psychiatrist, etc.)
Anesthetist
Dentist
Blood Banker

Table S2. The result of sensitivity analysis

	HAZ		WAZ		PPVTZ		MATHZ	
	Coefficient	SE	Coefficient	SE	Coefficient	SE	Coefficient	SE
Local pollution problems	-0.001	0.02	0.02	0.02	0.01	0.03	-0.04	0.03
Local social problems	-0.003	0.03	-0.001	0.02	0.002	0.04	-0.08*	0.04
Access to local services	-0.004	0.01	0.002	0.01	0.01	0.01	0.004	0.01
Local programs run by government and NGO/charity	-0.001	0.004	0.0004	0.004	0.01*	0.01	0.02**	0.01
Local healthcare resources	0.04**	0.01	0.03*	0.01	-0.02	0.02	-0.01	0.02
Age (in months)	-0.02	0.02	-0.08***	0.02	0.07***	0.02	0.11***	0.02
Sex (reference: girls)								
Boys	-0.05	0.04	-0.16***	0.04	0.27***	0.04	0.08*	0.04
Ethnicity (reference: Backward castes)								
Scheduled castes	0.004	0.06	0.07	0.06	0.08	0.06	-0.02	0.06
Scheduled tribes	-0.13	0.08	0.08	0.08	-0.10	0.09	-0.28***	0.08
Other categories	0.11	0.06	0.22***	0.06	0.02	0.06	0.01	0.06
Caregiver's education (reference: no education)								
Primary or below	0.13*	0.05	0.08	0.05	0.17***	0.05	0.33***	0.05
Post-secondary or above	0.33*	0.14	0.44**	0.14	0.52***	0.13	0.66***	0.13
Family structure (reference: living with both parents)								
Living with single or no parent	-0.07	0.15	-0.03	0.16	0.05	0.15	0.29*	0.14
Birth order (reference: first)								
Second	-0.12*	0.05	-0.11*	0.05	-0.09	0.05	-0.04	0.05
Third or greater	-0.36***	0.06	-0.37***	0.07	-0.22***	0.06	-0.22***	0.06
Mother's age at birth (reference: 20 or below)								
21-30	0.20***	0.05	0.17***	0.05	0.19***	0.05	0.08	0.05
31 or above	0.37***	0.11	0.23*	0.11	0.14	0.10	0.14	0.10
Mother's height	0.24***	0.02	0.16***	0.02	-0.01	0.02	0.03	0.02
Wealth index	0.18***	0.03	0.21***	0.03	0.18***	0.03	0.21***	0.03

Note: WAZ: weight-for-age z-score, PPVTZ: Peabody Picture Vocabulary Test z-score, *p<0.05, **p<0.01, ***p<0.001.