

Appendix Table 1. Health and SES variations across geography

Across County (150 county units)

	Urban				Rural			
	Mean	Median	Top 5 percentile	Bottom 5 percentiles	Mean	Median	Top 5 percentile	Bottom 5 percentiles
SRH poor or very poor	0.21	0.19	0.09	0.36	0.32	0.30	0.14	0.50
Any ADL difficulty	0.06	0.05	0.00	0.16	0.09	0.08	0.01	0.18
Any IADL difficulty	0.16	0.14	0.05	0.34	0.25	0.23	0.07	0.46
CES-D [0-13]	6.96	6.76	4.50	10.29	9.24	9.25	5.07	12.59
Hypertension	0.45	0.46	0.29	0.61	0.38	0.38	0.21	0.55
Weight(kg)	62.44	62.68	55.23	71.40	57.19	57.57	49.64	64.29
Height(cm)	159.42	159.78	163.52	154.92	157.68	157.96	161.58	152.30
Years of Schooling	6.93	6.82	9.81	4.00	4.09	4.08	6.40	2.25
Household PCE (000s)	15.85	10.82	39.33	5.96	6.23	5.75	10.49	3.50

Across Community (450 community units)

	Urban				Rural			
	Mean	Median	Top 5 percentile	Bottom 5 percentiles	Mean	Median	Top 5 percentile	Bottom 5 percentiles
SRH poor or very poor	0.21	0.22	0.07	0.38	0.30	0.28	0.11	0.51
Any ADL difficulty	0.07	0.05	0.00	0.20	0.10	0.07	0.00	0.29
Any IADL difficulty	0.16	0.15	0.03	0.38	0.25	0.23	0.06	0.50
CES-D [0-13]	7.27	7.27	3.89	10.17	8.80	8.85	4.78	12.26
Hypertension	0.46	0.48	0.25	0.67	0.38	0.36	0.19	0.59
Weight(kg)	61.78	62.30	54.02	70.16	58.10	56.99	50.57	66.06
Height(cm)	159.42	159.27	165.16	154.68	157.49	157.70	161.45	152.73
Years of Schooling	6.93	6.83	10.12	3.60	4.18	4.03	6.98	2.00
Household PCE (000s)	14.23	11.35	31.58	5.41	6.08	5.55	10.65	3.50

Data Source: CHARLS 2011-2012 Baseline

Appendix Table 2: Descriptives of control variables

	Total	Urban	Rural
Age	59.51	59.44	59.55
Fraction Male	0.49	0.47	0.49
Fraction Married	0.87	0.87	0.87
Fraction Urban Residents	0.40		
Education			
Illiterate	0.27	0.17	0.34
Primary education	0.39	0.35	0.42
Middle school and above	0.34	0.47	0.24
Ln Household PCE	3.77	3.95	3.65
Ln Community PCE	3.88	4.05	3.76
Smoking			
Ever smoke	0.40	0.38	0.42
Currently smoking	0.28	0.26	0.30
Drinking			
Ever drink	0.32	0.31	0.32
Currently drinking	0.25	0.24	0.26
Observations	17278	6982	10296

Data Source: CHARLS 2011-2012 Baseline

Appendix Table 3. Oaxaca decomposition of community characteristics on health and SES outcomes

	SRH poor/very	Any ADL difficulty	Any IADL difficulty	CES-D	Measured/Diagnosed Hypertension	Low Weight	Over Weight	Height	Years of schooling	LnPCE
Rural	0.321***	0.090***	0.250***	9.241***	0.388***	0.085***	0.265***	157.580***	4.208***	3.652***
Urban	0.223***	0.071***	0.169***	7.250***	0.455***	0.045***	0.382***	158.957***	6.631***	3.950***
Difference	0.099***	0.019***	0.081***	1.991***	-0.067***	0.040***	-0.117***	-1.377***	-2.423***	-0.298***
Endowments	0.092***	0.039***	0.129***	2.145***	-0.041***	0.022***	-0.058***	-2.236***	-1.978***	-0.230***
Coefficients	-0.001	-0.027***	-0.024**	-0.208	-0.065***	0.007	-0.081***	-0.380**	-2.202***	-0.166***
Interaction	0.008	0.007	-0.024*	0.054	0.040**	0.011	0.022	1.239***	1.758***	0.097***
Endowments										
Human-made Environments	0.065***	0.016**	0.085***	1.300***	-0.012	0.013*	-0.029*	-1.594***	-1.921***	-0.227***
Climate	-0.006***	-0.001	-0.004***	-0.040*	-0.002	-0.001	0.002	-0.096***	-0.150***	-0.011***
Topology	0.009**	0.002	0.004	0.149***	-0.005	-0.001	-0.013***	-0.041	0.114***	0.010***
Demographics	-0.000	-0.001	-0.001	-0.022	0.003	0.000	-0.001	0.228**	0.010	-0.001
Education	0.012***	0.004**	0.021***	0.327***	-0.006	-0.001	0.003	-0.287***		
Household Expenditure	0.015**	0.018***	0.024***	0.430***	-0.018**	0.012***	-0.014	-0.453***		
Health Behavior	-0.003**	0.000	-0.001	0.001	-0.001	0.001**	-0.006***	0.006	-0.031***	-0.001
Coefficients										
Human-made Environments	-0.002	0.004	0.001	-0.043	-0.005	0.007	0.013	0.283	1.248***	0.075***
Climate	-0.005	-0.022***	-0.027**	0.613***	0.014	-0.005	-0.047***	-0.320	-0.421***	-0.019*
Topology	0.022***	-0.009**	-0.000	0.187*	-0.018**	0.013***	-0.009	-0.448***	-0.226***	0.008
Demographics	0.020	-0.001	-0.027	-0.352	-0.088***	0.051***	-0.039	-0.412	0.085	-0.115***
Education	-0.002	0.002	0.013	0.319	0.002	-0.002	0.023	-0.138		
Household Expenditure	-0.052	0.047	-0.039	-1.601	-0.546***	0.151	-0.248	-4.507*		

Health Behavior	-0.004	0.003	0.015**	0.121	-0.007	0.003	0.007	-0.009	0.098	0.007
Interaction										
Human-made Environments	-0.016	0.013	-0.027**	-0.168	0.016	0.007	0.028	1.084***	1.734***	0.083***
Climate	0.007***	0.003**	0.007***	0.050	-0.003	0.003**	-0.004	-0.009	0.134***	0.011***
Topology	0.011**	-0.004	-0.004	0.113	-0.005	0.007***	-0.006	-0.197***	-0.145***	0.001
Demographics	-0.000	-0.000	-0.001*	-0.012	-0.001	-0.000	-0.002**	-0.005	0.015**	-0.001
Education	0.002	-0.000	-0.002	-0.068	-0.004	0.002	-0.011**	0.068		
Household Expenditure	0.004	-0.004	0.003	0.122	0.038***	-0.010	0.016	0.299*		
Health Behavior	0.000	-0.001	0.001	0.017	-0.000	0.001	0.002	-0.003	0.020**	0.003***
Constant	0.022	-0.051	0.039	0.548	0.582***	-0.211**	0.219	5.172**	-2.986***	-0.123***
Observation	16,878	16,878	16,878	14,681	16,851	13,265	13,265	13,337	16,675	16,878

Data Source: CHARLS 2011-2012 Baseline