

Supplementary Table 1: Variable definitions

Variable	Type of variable	Description	Measurement	Scale of measurement	Number of responses/Missing
Disability	The main outcome variable	Have any disability that limits participant full participation in life activities (such as mobility, work, social life, etc).	Yes or No	Binary	10932/0
Age group	Explanatory variable	Age of participant as at the time of collection	Raw ages recoded into <19, 20-29, 30-39, and 40+	Discrete Categorical	10932/0
Sex of participant,	Explanatory variable	Sex deferential of participant	Male or Female	Binary	10932/0
Educational level	Explanatory variable	Highest educational level of participants	Recoded into None, primary, JHS, SHS and tertiary	Categorical	10932/0
Marital status	Explanatory variable	Current marital status of participants	Recoded as never married, married, separated/divorced and widowed	Categorical	10932/0
Currently working		Whether participants were working	Yes or No	Binary	10932/0
Weeks engaged in work/12 months		Number of weeks participants engaged in working activities over 12 months	None, 1-9, 20+	Discrete Categorical	10932/0
Religion	Explanatory variable	Religious affiliation of participants	Christian, Islam and Other	Categorical	10932/0
HH size		Number of persons living in HH	Raw numbers Recoded as 1 person, 2-4 persons and 5+ persons	Discrete Categorical	10932/0
Region	Explanatory variable	The then region where participant lives	Ashanti, Brong Ahafo, Central, Eastern, GT Accra, Northern, Upper East, Upper West, Volta and Western	Categorical	10932/0
Place of residence	Explanatory variable	Place where participants resides	Urban and rural	Binary	10932/0

Relationship to HH	Explanatory variable	Participants relationship to head of household?	Coded as HH head, spouse, child and other	Categorical	10932/0
Place of born	Explanatory variable	Where participant was born	Coded as this village/town or different village/town	Binary	10932/0
Engaged in non-farm activity	Explanatory variable	Whether participant was engaged in non-farm activity within 7 days as at the time of data collection	Yes or No	Binary	10906/26
Did any work for pay		Whether participant was engaged in any work for pay within 7 days as at the time of data collection	Yes or No	Binary	10906/26
Hours work/week		Hours participant engaged in work activity within 7 days as at the time of data collection	Raw hours recoded as none, 1-29 hours and 30+ hours	Discrete Categorical	10906/26
Visited any place outside HH		Visited any place outside usual environment (place of residence/ work/trade study) for the past twelve (12) months	Yes or No	Binary	10932/0
HH rooms for living		Number of rooms household occupy	Raw numbers recoded as 1 room, 2 rooms and 3+ rooms	Discrete Categorical	10932/0
Wealth of asset		Participants were asked whether they have; wrist watch, bicycle, motorcycle or motor scooter, animal-drawn cart, car or truck, boat with a motor, boat without a motor, blender, wall clock, radio, television, mobile telephone, land-line telephone, refrigerator, freezer, electric generator/Invertor(s), washing machine, digital photo camera, non-digital photo camera, video deck, sewing machine, bed, microwave, computer and/or DVD/VCD	Composite variable classified as Low (below 5 items), medium (5-7 items) and high (8+ items)	Discrete Categorical	10932/0