Supplemental figures legends

Supplementary Figure 1. A flow chart of the study population

Legend: The study sample was obtained from the PURE study dataset. Seven countries lacking follow-up information were excluded. China was excluded because relevant information on social isolation were not collected. Several individual sites* were excluded. Participants aged<35 or >70 were excluded. Finally, participants not providing information on social isolation were excluded.

*Sites from Argentina, Chile, Peru, and Poland participating in the PURE study at a later phase of the study

Supplementary Figure 2. Associations between social isolation and incident diseases stratified by county income levels

Legend: The magnitude of disease risks associated with social isolation is greatest in the LICs except for incident myocardial infarction and COPD.

Supplementary Figure 3. Case fatality rates (95% CI) over 90 days from the occurrence of a new illness in those with and without social isolation

Legend: The case fatality rate from stroke is higher in individuals with social isolation than those without while no significant differences are observed for those from the other illnesses.

MI=myocardial infarction. CVD=cardiovascular disease. COPD=chronic obstructive pulmonary disease.