# Figures



**Figure 1** Heat map of results from the main analysis, smaller P values are shown by darker cells, starred results are below the Bonferroni-corrected P value threshold, negative effect directions are denoted with a “-“ sign, and positive effect directions are denoted with a “+” sign



**Figure 2** Forest plot showing effects of health conditions on household income for the main Mendelian randomization, split-sample Mendelian randomization and multivariable adjusted analyses (note: confidence intervals are so narrow for the multivariable adjusted analyses they cannot be seen)



**Figure 3** Forest plot showing effects of risk factors on household income for the main Mendelian randomization, split-sample Mendelian randomization and multivariable adjusted analyses (note: confidence intervals are so narrow they cannot be seen for most associations)



**Figure 4** Forest plot showing effects of health conditions on being lonely for the main Mendelian randomization, split-sample Mendelian randomization and multivariable adjusted analyses (note: confidence intervals are so narrow for the multivariable adjusted analyses they cannot be seen)



**Figure 5** Forest plot showing effects of risk factors on being lonely for the main Mendelian randomization, split-sample Mendelian randomization and multivariable adjusted analyses (note: confidence intervals are so narrow for the multivariable adjusted analyses they cannot be seen)



**Supplementary Figure 1** Flowchart of health conditions and risk factors