

Table S1. CCI assessment based on participant health data from NHANES 2007-2018.

Diseases	CCI Score
Chronic pulmonary disease	1
Heart failure	1
Stroke	1
Diabetes	1
Diabetic retinopathy	2
Hepatitis B	1
Hepatitis C	1
Kidney failure	2
Kidney stones	1
Bladder cancer	2
Bone cancer	2
Brain cancer	2
Breast cancer	2
Cervical cancer	2
Colon cancer	2
Esophageal cancer	2
Gallbladder carcinoma	2
Kidney cancer	2
Tracheal carcinoma	2
Lukaemia	2
Liver cancer	2
Lung cancer	2
Lymphomas	2
Melanoma	2
Oral cancer	2
Nerver cancer	2
Ovarian cancer	2
Pancreatic cancer	2
Prostatic cancer	2
Rectal cancer	2
Skin cancer(non-melanoma)	2
Other skin cancer	2
Soft tissue cancer	2
Stomach cancer	2
Testicular cancer	2
Thyroid cancer	2
Endometrial cancer	2
Other cancers	2

Abbreviations: CCI, Charlson comorbidity index.

The NHANES variables used to calculate the CCI score were chronic pulmonary

disease(MCQ160K), heart failure(MCQ160B), stroke(MCQ160F), diabetes(DIQ010), diabetic retinopathy(DIQ080), hepatitis B(LBDHGB), hepatitis C(LBDHCV), kidney failure(KIQ022), kidney stones(KIQ026) and cancer(MCQ230A, MCQ230B, MCQ230C, MCQ230D).