Supplementary Table 1. Chronic diseases investigated through the interRAI-LTCF data collection tool with the final 15 considered in the study shown in bold.

Initial 55 chronic diseases considered using the interRAI-LTCF instrument	
Allergy	**Hip fracture**
Anaemia	Hypertension
Arrythmia	Inflammatory arthropathies
Asthma	**Ischemic heart disease**
Atrial fibrillation	Migraine and facial pain
Autoimmune diseases	Multiple sclerosis
Backbone pathology	**Neurotic stress-related diseases**
Blood and blood-forming organs diseases	Obesity
Bowel disease	**Osteoarthritis**
Cancer	Osteoporosis
Cataract	Other cardiovascular diseases
Cerebrovascular disease	Other eye diseases
Chron infections	Other gastrointestinal system diseases
Chronic kidney disease	Other genitourinary system diseases
Chronic liver disease	Other metabolic system diseases
COPD	**Other MSK**
Colitis related disease	Other pancreas diseases
Depression	Other psychiatric diseases
Diabetes	Other respiratory system diseases
Dyslipidemia	Other skin diseases
Ear-nose-throat (ENT) problems	Parkinson
Epilepsy	Prostate disease
Esophagus, stomach and Duodenum problems	**Schizophrenia**
Glaucoma	Skin ulcer
Heart failure	**Thyroid disease**
Heart valve	Venous lymphatic disease
Hearing impairment – deafness	**Visual impairment – blindness**
Hematological neoplasia	

Notes: COPD = Chronic obstructive pulmonary disease; MSK = musculoskeletal; Neurotic stress-related diseases comprehended items 300-316 of ICD-9 codes (Neurotic disorders; Personality disorders; Sexual deviations and disorders; Alcohol dependence syndrome; Drug dependence; Nondependent abuse of drugs; Physiological malfunction arising from mental factors; Special symptoms or syndromes, not elsewhere classified; Acute reaction to stress; Adjustment reaction; Specific nonpsychotic mental disorders following organic brain damage; Depressive disorder, not elsewhere classified; Disturbance of conduct, not elsewhere classified; Disturbance of emotions specific to childhood and adolescence; Hyperkinetic syndrome of childhood; Specific delays in development; Psychic factors associated with diseases classified elsewhere).

Supplementary Figure 1 - Screeplot from Principal Component Analysis