

Table S1. Factor scores for multimorbidity patterns in adults aged 19 to 64 years in South Korea (KNHANES VI 2013-2015).

Disease	Factor 1 Cardiometabolic diseases pattern	Factor 2 Inflammatory disease pattern	Factor 3 Cancer and other diseases pattern
Obesity	0.58	-0.02	-0.15
Dyslipidemia	0.64	-0.01	0.02
Hypertension	0.80	-0.14	0.08
Allergic rhinitis	-0.11	0.63	-0.14
Diabetes mellitus	0.64	-0.10	0.03
Anemia	-0.04	-0.08	0.29
Osteoarthritis and osteoporosis	0.45	0.16	0.40
Depression	0.26	0.21	0.17
Atopic dermatitis	-0.16	0.48	-0.38
Pulmonary tuberculosis	0.16	-0.05	0.21
Thyroid disease	-0.02	0.07	0.37
Asthma	0.21	0.51	-0.08
Sinusitis	-0.05	0.60	0.21
Cancer ¹	0.01	-0.07	0.57
Otitis	-0.18	0.50	0.09
Stroke and CVD	0.58	0.00	0.10
Hepatitis B	0.04	0.07	0.28
Cataract	0.36	0.20	0.46

Statistical analysis was performed using exploratory factor analysis.¹ Cancer summed gastric, liver, colorectal, breast, uterine/cervical, lung, thyroid, and others. Bold indicates significance at factor score > 0.25. KNHANES: Korea National Health and Nutrition Examination Survey, CVD: cardiovascular disease.