Suppl. 3. Other baseline characteristics of the development and test cohorts

Characteristics	**Development cohort (n = 97188)**	**Test cohort (n = 97212)**
Comorbidities		
Myocardial infarction	3832 (3.9%)	4459 (4.6%)
Congestive heart failure	4311 (4.4%)	4846 (5.0%)
Peripheral vascular disease	2485 (2.6%)	2728 (2.8%)
Stroke	5553 (5.7%)	6564 (6.8%)
Dementia	1663 (1.7%)	2113 (2.2%)
Chronic pulmonary disease	4827 (5.0%)	5624 (5.8%)
Rheumatoid disease	763 (0.8%)	872 (0.9%)
Peptic ulcer disease	1092 (1.1%)	1341 (1.4%)
Diabetes		
Diabetes without chronic complications	2034 (2.1%)	2274 (2.3%)
Diabetes with chronic complications	18289 (18.8%)	19186 (19.7%)
Hemiplegia or paraplegia	1993 (2.1%)	2753 (2.8%)
Kidney disease	12234 (12.6%)	13169 (13.6%)
Cancer		
Local tumor, leukemia and lymphoma	4310 (4.4%)	5249 (5.4%)
Metastatic solid tumor	4106 (4.2%)	4398 (4.5%)
Liver disease		
Mild	1870 (1.9%)	2406 (2.5%)
Severe	800 (0.8%)	879 (0.9%)
Disease group classification		
Certain conditions originating in the perinatal period	6 (0.00%)	15 (0.02%)
Certain infectious and parasitic diseases	4934 (5.1%)	5159 (5.3%)
Congenital malformations, deformations and chromosomal abnormalities	46 (0.1%)	62 (0.1%)
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	1372 (1.4%)	1274 (1.3%)
Diseases of the circulatory system	8427 (8.7%)	8041 (8.3%)
Diseases of the digestive system	6739 (6.9%)	6603 (6.8%)
Diseases of the eye and adnexa; Diseases of the ear and mastoid process	2133 (2.2%)	2042 (2.1%)
Diseases of the genitourinary system	4386 (4.5%)	4450 (4.6%)
Diseases of the musculoskeletal system and connective tissue	7750 (8.0%)	7856 (8.1%)
Diseases of the nervous system	1753 (1.8%)	1690 (1.7%)
Diseases of the respiratory system	7759 (8.0%)	7443 (7.7%)
Diseases of the skin and subcutaneous tissue	4304 (4.4%)	4146 (4.3%)
Endocrine, nutritional and metabolic diseases	3682 (3.8%)	3478 (3.6%)
External causes of morbidity	770 (0.8%)	938 (1.0%)
Factors influencing health status and contact with health services	239 (0.3%)	276 (0.3%)

Injury, poisoning and certain other consequences of external causes	10576 (10.9%)	9740 (10.0%)
Mental and behavioral disorders	973 (1.00%)	938 (1.0%)
Neoplasms	1384 (1.4%)	1246 (1.3%)
Pregnancy, childbirth and the puerperium	284 (0.3%)	260 (0.3%)
Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	25187 (25.9%)	26592 (27.4%)