

Appendix 2. Comorbidity in the Inter99 study. Potentially live shortening diagnoses, which are adjusted for in Cox regression analyses.

Diagnose/(s) in one organ system = 1 point (except *)

	Diseases– organ systems	Variabel	ICD 8 and 10 codes
1	Infections	DG1	079.83, B20-24
2	Cancer (* different DG2 to DG8 diagnoses count with 1 point each)	DG2 DG3 DG4 DG5 DG6 DG7 DG8	140-149, C00-14 150-159, C15-26 160-163, C30-39 170-174, C40-43, C45-50 180-189, C51-C68 190-199, C69-80, C97, D37-48 200-209, C81-96
3	Blood and blood forming organs	DG9	282, 284, 286, D55, D58, D61, D66-68, D81-82
4	Diabetes Obesity (* different DG10 to DG11 diagnoses count with 1 point each)	DG10 DG11	250, E10-14 277, E66.2, E66.8
5	Mental disorders	DG12	290, 303-304, 295-296, 306.50, F00-03, F10-19 (.2 .6 .7), F20, F30-34, F39, F50
6	Nervous system	DG13	331.09, 332, 340-342, 330, 344, 348, G10-13, G20-21, G30-32, G35, G37, G70-71, G80-83
7	Cardiovascular system	DG14	394-398, 400, 402-404, 410-413, 423-426, 427.09, 427.19, 427.27, 427.97, 428, 450, 452, I05-09, I11.0, I12.0, I13.0-13.2, I20-28, I31.0-31.1, I34-37, I46.0, I49.0, I50
8	Cerebrovascular system Arteries Veins (* different DG15 to DG17 diagnoses count with 1 point each)	DG15 DG16 DG17	431-434, I61-64, I67.4, I69 441-442, 444, I71-72, I74 456.09, 456.00, 456.01, I85
9	Respiratory system	DG18	490-493, 515-518, J40-47, J60-66, J68.4, J70.3, J96.1
10	Liver and pancreas	DG19	570, 573.00, 573.01, 577.19, 577.91, 577.92, K70-74, K76.0-76.3, K76.6, K86.0-86.3
11	Skin	DG20	716.09, 446, 695.49, M30-36
12	Renal and urinary system	DG21	581, 582, 593.20, N01, N03, N04, N11, N18-19
13	Chromosomes	DG22	310.15-310.59, Q90, Q96, Q98