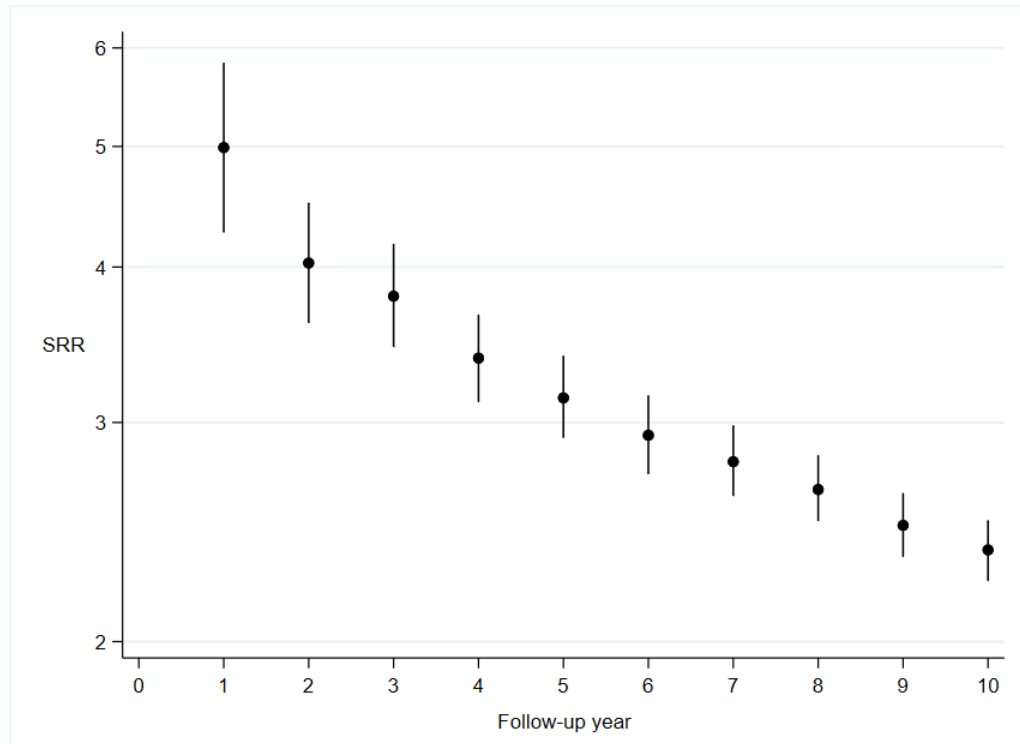


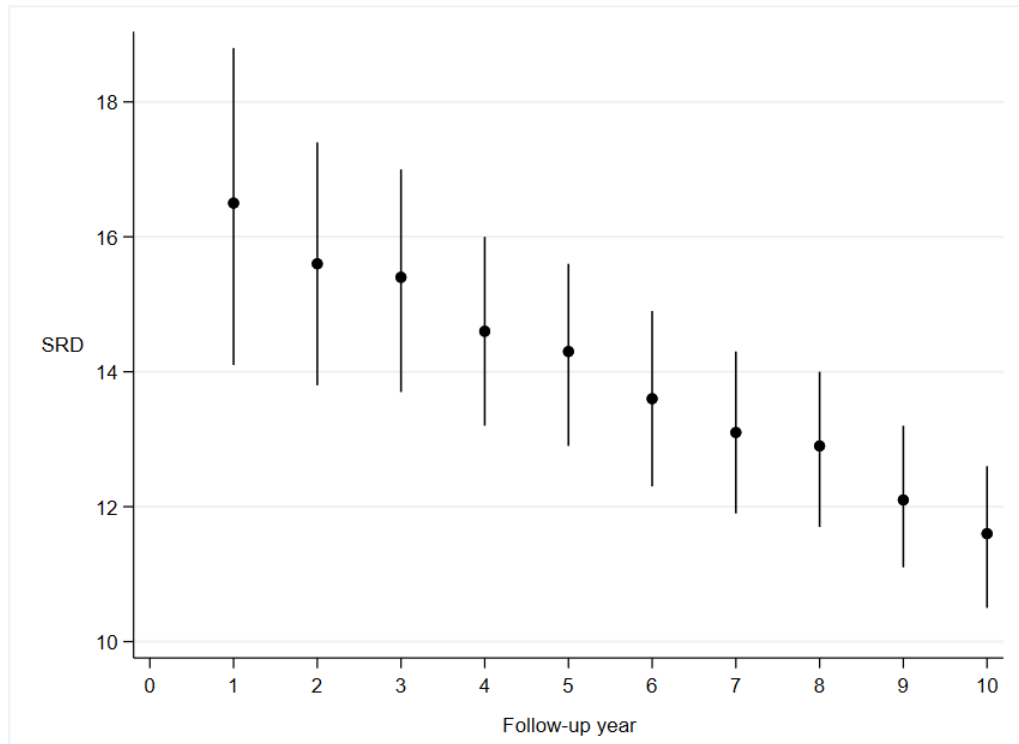
Supplementary Figure 1. Standardized Rate Ratios and 95% CI for increasing years of follow-up.



Supplementary Figure 1 legend

Time-dependent Standardized Rate Ratios (SRR) and 95% confidence intervals for the association of disability and death with the baseline age, sex, living with a partner and education distribution of the total group as the standard. SRRs in logarithmic scale.

Supplementary Figure 2. Standardized Rate Differences per 1000 person-years and 95% CI for increasing years of follow-up.



Supplementary Figure 2 legend

Time-dependent Standardized Rate Differences (SRD) per 1000 person-years and 95% confidence intervals for the association of disability and death with the baseline age, sex, living with a partner and education distribution of the total group as the standard.

Supplementary table 1. Cause-specific mortality associated with disability ^a

<i>Causes</i>	No of deaths	SR (ref) ^b	SRR ^c (95% CI)	UI/LI ^d
001. Intestinal infectious diseases	38	1.63	1.97 (0.90-4.28)	4.8
002. Tuberculosis and its late effects	8	0.38	5.32 (1.03-27.46)	26.7
004. Septicemia	143	6.57	2.67 (1.76-4.05)	2.3
005. Viral hepatitis	21	0.82	5.30 (1.80-15.65)	8.7
006. AIDS	18	1.35	5.54 (1.21-25.34)	20.9
008. Rest of infectious and parasitic diseases and their late effects	23	1.04	4.98 (1.58-15.65)	9.9
009. Malignant tumor of the lip, oral cavity and pharynx	116	6.98	1.66 (0.89-3.1)	3.5
010. Malignant tumor of the esophagus	92	5.28	1.77 (0.80-3.90)	4.9
011. Malignant neoplasm of stomach	296	17.60	1.27 (0.78-2.08)	2.7
012. Malignant tumor of the colon	554	30.27	1.56 (1.19-2.06)	1.7
013. Malignant neoplasm of rectum, rectosigmoid portion and anus	157	10.41	1.15 (0.66-2.00)	3.0
014. Malignant tumor of the liver and intrahepatic bile ducts	221	14.94	1.25 (0.78-1.99)	2.6
015. Malignant tumor of the pancreas	271	16.87	0.99 (0.58-1.69)	2.9
016. Other digestive malignancies	132	7.16	1.84 (1.03-3.29)	3.2
017. Malignant tumor of the larynx	73	2.86	7.39 (3.66-14.92)	4.1
018. Malignant tumor of the trachea, bronchi and lung	963	58.06	1.53 (1.22-1.91)	1.6
019. Other malignant respiratory and intrathoracic tumors	21	1.25	1.62 (0.47-5.62)	12.0
020. Malignant tumors of the bone and articular cartilage	4	0.10	7.08 (0.79-63.59)	80.5
021. Malignant melanoma of the skin	41	2.24	0.41 (0.16-1.09)	6.8
022. Other malignant tumors of the skin and soft tissues	62	4.07	1.73 (0.57-5.23)	9.2
023. Malignant tumor of the breast	278	13.17	2.77 (1.96-3.93)	2.0
024. Malignant tumor of the cervix	27	1.68	1.58 (0.53-4.77)	9.0
025. Malignant tumor of other parts of the uterus	87	4.67	1.9 (1.07-3.39)	3.2
026. Malignant tumor of the ovary	77	4.05	1.09 (0.59-2.02)	3.4
027. Malignant tumors, other female genital organs	15	0.41	6.76 (1.91-23.86)	12.5
028. Malignant tumor of the prostate	292	14.78	2.01 (1.4-2.89)	2.1
029. Malignant tumors of other male genital organs	7	0.54	6.62 (0.78-56.52)	72.5
030. Malignant tumor of the kidney, except renal pelvis	99	5.85	1.30 (0.70-2.40)	3.4
031. Malignant tumor of the bladder	195	11.54	1.78 (1.17-2.71)	2.3
032. Other malignant tumors of the urinary tract	42	2.27	1.75 (0.71-4.28)	6.0
033. Malignant tumor of the brain	140	7.79	3.23 (1.70-6.14)	3.6
034. Other malignant neurological and endocrine tumors	27	1.69	0.86 (0.23-3.22)	14.0
035. Malignant tumor of ill-defined, secondary, and unspecified sites	251	13.14	2.25 (1.48-3.42)	2.3

036. Malignant tumors of the lymphatic tissue, hematopoietic organs and related tissues (except leukemia)	190	11.20	1.96 (1.19-3.24)	2.7
037. Leukemia	145	7.84	1.64 (0.86-3.13)	3.6
039. Benign tumors	23	1.53	2.81 (0.93-8.44)	9.1
040. Myelodysplastic syndrome	52	2.53	1.46 (0.65-3.32)	5.1
041. Other tumors of uncertain or unknown behavior	103	5.73	1.76 (1.00-3.09)	3.1
042. Diseases of the blood and hematopoietic organs	57	2.88	1.60 (0.85-3.04)	3.6
043. Certain disorders affecting the mechanism of immunity	8	0.39	2.82 (0.46-17.14)	37.3
044. Diabetes mellitus	388	14.51	3.56 (2.71-4.68)	1.7
045. Other endocrine, nutritional and metabolic diseases	131	7.07	2.09 (1.29-3.38)	2.6
046. Organic, senile and presenile mental disorders	628	27.29	2.29 (1.83-2.86)	1.6
049. Other mental and behavioral disorders	6	0.38	13.45 (1.18-153.43)	130.0
051. Alzheimer's disease	577	24.20	2.76 (2.20-3.45)	1.6
052. Other diseases of the nervous system and sense organs	407	13.70	8.52 (6.20-11.7)	1.9
053. Chronic rheumatic heart diseases	80	3.41	4.01 (1.55-10.33)	6.7
054. Hypertensive diseases	418	20.89	2.25 (1.54-3.27)	2.1
055. Acute myocardial infarction	772	39.03	1.96 (1.60-2.40)	1.5
056. Other ischemic heart diseases	706	34.73	2.45 (1.94-3.08)	1.6
057. Heart failure	741	34.09	2.29 (1.88-2.78)	1.5
058. Other heart diseases	934	46.97	2.04 (1.70-2.45)	1.4
059. Cerebrovascular diseases	1217	54.97	2.57 (2.15-3.08)	1.4
060. Atherosclerosis	62	2.05	3.04 (1.60-5.77)	3.6
061. Other diseases of blood vessels	175	9.12	2.86 (1.61-5.08)	3.2
062. Influenza (flu) includes avian flu and influenza A	12	0.90	2.89 (0.55-15.33)	27.9
063. Pneumonia	344	16.42	2.86 (2.06-3.97)	1.9
064. Chronic diseases of the lower respiratory tract	648	29.62	2.56 (2.05-3.2)	1.6
065. Asthma	52	2.38	3.67 (1.61-8.36)	5.2
066. Respiratory failure	78	3.92	2.45 (1.36-4.39)	3.2
067. Other diseases of the respiratory system	734	30.74	2.66 (2.19-3.24)	1.5
068. Ulcer of stomach, duodenum and jejunum	29	1.69	2.12 (0.74-6.11)	8.3
069. Non-infectious enteritis and colitis	15	0.72	2.30 (0.71-7.48)	10.5
070. Intestinal vascular disease	146	6.18	2.97 (1.88-4.71)	2.5
071. Cirrhosis and other chronic liver diseases	190	9.71	2.53 (1.62-3.94)	2.4
072. Other diseases of the digestive system	503	26.18	1.98 (1.52-2.59)	1.7
073. Skin and subcutaneous tissue diseases	52	2.00	2.38 (1.22-4.64)	3.8
074. Rheumatoid arthritis and osteoarthritis	25	0.52	9.69 (2.84-33.06)	11.6
075. Osteoporosis and pathological fracture	104	5.62	2.13 (1.27-3.59)	2.8
076. Other diseases of the musculoskeletal system and connective tissue	52	2.05	5.48 (2.26-13.27)	5.9
077. Diseases of the kidney and ureter	340	13.88	3.32 (2.49-4.44)	1.8
078. Diseases of the male genital organs	10	0.41	1.79 (0.4-8.11)	20.3
080. Other diseases of the genitourinary system	199	9.92	2.91 (1.93-4.38)	2.3

084. Congenital malformations of the circulatory system	5	0.16	1.87 (0.25-13.96)	55.8
085. Other congenital malformations, deformities and chromosomal abnormalities	9	0.03	155.43 (29.14-828.92)	28.4
086. Cardiac arrest, unassisted death and other unknown cause of mortality	171	10.10	2.96 (1.86-4.69)	2.5
087. Senility	87	3.08	2.34 (1.36-4.02)	3.0
089. Rest of symptoms, signs and findings ... not classified elsewhere	121	5.54	2.54 (1.60-4.03)	2.5
090. Motor vehicle traffic accidents	80	5.00	0.80 (0.37-1.73)	4.7
091. Other transport accidents	6	0.27	14.87 (1.66-133.21)	80.2
092. Accidental falls	108	6.29	1.23 (0.67-2.26)	3.4
093. Accidental drowning, submersion and suffocation	89	4.41	3.68 (1.82-7.44)	4.1
094. Accidents due to fire, smoke and hot substances	8	0.58	2.50 (0.38-16.6)	43.7
095. Accidental poisoning by psychotropic drugs and drugs of abuse	16	0.54	3.19 (0.9-11.24)	12.5
096. Other accidental poisonings	6	0.17	19.04 (3.59-100.9)	28.1
097. Other accidents	77	3.12	4.09 (1.98-8.43)	4.3
098. Suicide and self-inflicted injuries	126	6.75	2.80 (1.33-5.87)	4.4
099. Assaults (homicide)	8	0.44	0.68 (0.08-5.67)	70.9
101. Complications of medical and surgical care	14	0.52	3.97 (1.2-13.14)	11.0

^a Some causes not included due to insufficient number of cases.

^b Standardized mortality rate per 100,000 person-years, for the reference group (non-disability) with the baseline total population distribution of age, sex, living with a partner, and education as the standard.

^c Standardized mortality ratios, with the baseline total population distribution of age, sex, living with a partner and education as the standard.

^d Statistical precision; the ratio of the upper to lower 95% confidence limits.

Supplementary material. Forty-four activities used to screen on possible disability

1. Vision
 - 1.1. Perceiving any image.
 - 1.2. Visual detail tasks.
 - 1.3. Overall visual tasks.
 - 1.4. Other vision problems.
2. Hearing
 - 2.1. Receive any sound.
 - 2.2. Hearing loud sounds.
 - 2.3. Listen to the speech.
3. Communication
 - 3.1. Produce spoken messages.
 - 3.2. Receive spoken messages.
 - 3.3. Communication of written messages.
 - 3.4. Communication of gesture messages, signals or symbols.
 - 3.5. Have a conversation (only problems of a cognitive nature or intellectual).
 - 3.6. Communication through communication devices and techniques.
4. Learning and application of knowledge and development of tasks (only problems of a cognitive or intellectual nature)
 - 4.1. Intentional use of the senses (looking, listening ...).
 - 4.2. Basic learning (reading, writing, counting ...).
 - 4.3. Carry out simple tasks.
 - 4.4. Perform complex tasks.
5. Mobility
 - 5.1. Change basic body postures.
 - 5.2. Maintain body position.
 - 5.3. Moving around the home.
 - 5.4. Moving outside the home.
 - 5.5. Getting around using means of transport as a passenger.
 - 5.6. Driving vehicles.
 - 5.7. Lifting and carrying objects.
 - 5.8. Move objects with the upper limbs.
 - 5.9. Fine use of the hand.
6. Self-care
 - 6.1. Toilet hygiene.
 - 6.2. Care of body parts.
 - 6.3. Personal hygiene related to urination.
 - 6.4. Personal hygiene related to defecation.
 - 6.5. Personal hygiene related to menstruation.
 - 6.6. Dressing and undressing.
 - 6.7. Eating and drinking.
 - 6.8. Taking care of one's own health: complying with medical prescriptions.
 - 6.9. Taking care of one's own health: avoiding dangerous situations.
7. Domestic life
 - 7.1. Acquisition of goods and services.
 - 7.2. Prepare meals.
 - 7.3. Carry out household chores.
8. Interactions and personal relationships
 - 8.1. Basic interpersonal interactions.

- 8.2. Relate to strangers.
- 8.3. Formal relationships.
- 8.4. Informal social relations.
- 8.5. Family relationships.
- 8.6. Sentimental relationships.