

Appendix A: Descriptive tables

Table A.1. Distribution of disabilities

<i>Do you have any difficulty with ...</i>	% of sample saying yes					
	HRS	HRS, moderate disability	HRS, severe disability	ELSA	ELSA, moderate disability	ELSA, severe disability
Activities of daily living (ADLs)						
Dressing	7.9%	23.6%	47.0%	14.6%	42.8%	63.8%
Walking across a room	6.2%	19.5%	44.4%	3.8%	12.3%	24.8%
Bathing/showering	5.6%	17.6%	40.4%	14.0%	42.3%	67.3%
Eating	2.4%	7.8%	18.6%	2.1%	6.5%	12.0%
Getting in or out of bed	4.8%	15.1%	33.9%	7.2%	22.9%	41.1%
Using the toilet	4.6%	14.3%	30.6%	4.0%	12.7%	23.8%
Doing work around the house or garden	22.2%	54.8%	75.6%	17.9%	54.4%	81.4%
Instrumental activities of daily living (IADLs)						
Using a map to figure out how to get around in a strange place	10.0%	24.4%	37.8%	6.0%	15.2%	21.5%
Preparing a hot meal	5.6%	17.5%	41.1%	4.9%	15.8%	30.7%
Shopping for groceries	8.2%	25.7%	57.3%	10.5%	33.1%	57.3%
Making telephone calls	3.6%	10.0%	21.1%	2.0%	5.6%	9.1%
Taking medications	2.9%	8.2%	18.1%	1.7%	4.9%	8.9%
Managing money	5.0%	14.2%	29.0%	2.7%	8.1%	13.6%
Mobility						
Walking 100 yards	13.8%	40.8%	72.7%	14.1%	44.3%	71.6%
Sitting for about 2 hours	18.8%	44.6%	53.9%	14.9%	39.1%	53.0%
Getting up from a chair after sitting for long periods	38.6%	79.4%	90.1%	28.6%	69.5%	83.7%
Climbing several flights of stairs without resting	43.2%	87.5%	95.3%	40.1%	86.7%	96.0%
Stooping, kneeling or crouching	44.2%	87.1%	94.6%	38.9%	84.5%	94.1%
Reaching or extending your arms above shoulder level	14.7%	36.7%	55.0%	12.2%	33.4%	50.1%
Pulling or pushing large objects like a living room chair	23.0%	63.9%	87.0%	20.1%	59.4%	84.4%
Lifting or carrying weights above 10 pounds like a heavy bag of groceries	20.0%	58.2%	84.9%	28.8%	75.2%	90.7%
Picking up a 5p coin from a table	6.2%	16.5%	28.7%	5.7%	16.1%	26.9%

Note: 'Moderate disability' is defined as reporting four or more limitations (out of 22). 'Severe disability' is defined using an alternative threshold of eight limitations. HRS and ELSA samples are defined in the text.

Table A.2. Lifetime prevalence by quintile of equivalised household income: aged 55 and over, ELSA

Condition	Quintile of equivalised income				
	Bottom	2 nd	3 rd	4 th	Top
Hypertension	42.8	41.9	43.6	40.5	35.5
Heart attack	7.2	8.1	7.5	5.8	5.1
Stroke	5.4	5.8	5.0	5.1	3.6
Diabetes	8.2	9.6	9.3	7.8	6.9
Lung disease	8.3	6.1	7.1	7.0	4.4
Cancer	6.2	7.3	6.9	7.4	7.4
Moderate disability	34.5	34.2	32.4	26.5	17.1
Severe disability	14.9	16.9	15.0	12.7	6.7

Note: Income quintiles are defined within age group (as below) then pooled. 'Moderate disability' is defined as reporting four or more limitations (out of 22). 'Severe disability' is defined using an alternative threshold of eight limitations. Unweighted ELSA sample is defined in the text.

Table A.3. Lifetime prevalence by quintile of equivalised household income: aged 55–69, ELSA

Condition	Quintile of equivalised income				
	Bottom	2 nd	3 rd	4 th	Top
Hypertension	39.3	38.7	40.7	33.9	30.7
Heart attack	6.9	6.9	5.3	2.9	2.5
Stroke	3.9	4.9	3.3	2.4	1.5
Diabetes	7.4	8.8	7.9	5.5	4.8
Lung disease	8.9	5.8	5.9	4.6	3.2
Cancer	5.9	6.0	6.8	6.9	5.1
Moderate disability	31.0	32.5	25.1	16.6	9.5
Severe disability	15.2	17.7	11.6	6.5	3.6

Note: Income quintiles are defined within the age group. 'Moderate disability' is defined as reporting four or more limitations (out of 22). 'Severe disability' is defined using an alternative threshold of eight limitations. Unweighted ELSA sample is defined in the text.

Table A.4. Lifetime prevalence by quintile of equivalised household income: aged 70–84, ELSA

Condition	Quintile of equivalised income				
	Bottom	2 nd	3 rd	4 th	Top
Hypertension	48.7	47.2	48.5	51.6	43.5
Heart attack ^a	7.8	10.1	11.2	10.6	9.5
Stroke	7.9	7.2	7.8	9.5	7.2
Diabetes	9.5	10.9	11.7	11.7	10.5
Lung disease	7.2	6.6	9.0	11.0	6.4
Cancer	6.6	9.5	7.2	8.2	11.2
Moderate disability	40.2	37.0	44.6	43.1	30.0
Severe disability	14.4	15.6	20.8	23.2	11.9

Note: Income quintiles are defined within the age group. 'Moderate disability' is defined as reporting four or more limitations (out of 22). 'Severe disability' is defined using an alternative threshold of eight limitations. Unweighted ELSA sample is defined in the text.

Appendix B: Full results

Table B.1. Prevalence model results: ELSA

	Cancer	Diabetes	Lung disease	Heart attack	Stroke	Moderate disability (4+)	Severe disability (8+)
Male	-4.58*** (1.10)	1.59 (1.19)	0.12 (1.07)	3.76*** (1.07)	1.23 (0.93)	-5.74*** (1.90)	-0.63 (1.44)
60 to 69	0.01 (0.97)	0.78 (1.05)	0.23 (0.94)	1.65* (0.94)	2.12*** (0.82)	3.65** (1.67)	1.36 (1.27)
70 to 79	0.38 (1.04)	4.79*** (1.12)	1.97* (1.00)	5.45*** (1.01)	4.41*** (0.88)	17.05*** (1.79)	6.06*** (1.36)
80 to 84	0.38 (1.43)	1.75 (1.54)	-0.88 (1.38)	4.33*** (1.38)	9.60*** (1.20)	26.47*** (2.47)	14.27*** (1.87)
60 to 69, male	3.00** (1.42)	1.81 (1.53)	1.39 (1.37)	2.34* (1.37)	0.26 (1.19)	1.45 (2.43)	-0.16 (1.85)
70 to 79, male	5.96*** (1.51)	1.46 (1.64)	1.62 (1.46)	3.09** (1.47)	0.67 (1.27)	-7.37*** (2.60)	-5.33*** (1.98)
80 to 84, male	5.53** (2.20)	3.26 (2.37)	3.49* (2.12)	2.45 (2.13)	0.25 (1.85)	-3.28 (3.80)	-4.33 (2.89)
Low education	-0.54 (0.56)	1.13* (0.60)	3.44*** (0.54)	2.33*** (0.54)	2.27*** (0.47)	12.29*** (0.96)	9.01*** (0.73)
Single	0.36 (0.62)	0.41 (0.67)	2.56*** (0.60)	0.42 (0.60)	0.29 (0.53)	6.06*** (1.07)	3.93*** (0.82)
Constant	7.68*** (0.81)	4.39*** (0.88)	2.58*** (0.78)	0.06 (0.79)	-0.06 (0.68)	14.69*** (1.40)	4.44*** (1.06)
R^2	0.00	0.01	0.01	0.03	0.02	0.07	0.04
N	8,724	8,725	8,715	8,723	8,725	8,628	8,628

Standard errors are in parentheses. * $p < 0.1$; ** $p < 0.05$; *** $p < 0.01$. ELSA sample is defined in the text.

Table B.2. Prevalence model results: HRS

	Cancer	Diabetes	Lung disease	Stroke	Moderate disability (4+)	Severe disability (8+)
Male	-4.79*** (1.68)	3.53** (1.73)	-2.44 (1.49)	0.64 (1.17)	-8.46*** (2.13)	-2.32 (1.44)
60 to 69	3.38*** (1.26)	2.08 (1.30)	1.66 (1.12)	0.52 (0.87)	1.52 (1.59)	0.22 (1.08)
70 to 79	5.87*** (1.33)	3.71*** (1.37)	-0.16 (1.18)	3.62*** (0.92)	9.79*** (1.68)	3.10*** (1.14)
80 to 84	8.23*** (1.69)	3.67** (1.74)	-0.77 (1.50)	4.73*** (1.17)	19.28*** (2.13)	8.82*** (1.45)
60 to 69, male	2.46 (1.95)	1.50 (2.01)	1.91 (1.73)	0.20 (1.35)	1.11 (2.46)	-1.03 (1.67)
70 to 79, male	7.36*** (2.05)	3.62* (2.11)	6.95*** (1.82)	2.87** (1.42)	-1.41 (2.59)	-0.11 (1.76)
80 to 84, male	13.23*** (2.65)	1.01 (2.72)	5.17** (2.35)	2.77 (1.83)	-1.24 (3.35)	-2.50 (2.27)
Low education	-2.27*** (0.66)	3.82*** (0.68)	4.69*** (0.58)	1.97*** (0.45)	12.30*** (0.83)	5.50*** (0.56)
Single	0.67 (0.75)	2.28*** (0.77)	5.61*** (0.67)	1.09** (0.52)	7.73*** (0.95)	4.97*** (0.64)
Constant	11.86*** (1.11)	8.17*** (1.15)	5.88*** (0.99)	2.31*** (0.77)	19.28*** (1.41)	5.31*** (0.96)
R^2	0.02	0.01	0.02	0.01	0.06	0.03
N	12,076	12,076	12,076	12,068	12,077	12,077

Standard errors are in parentheses. * $p < 0.1$; ** $p < 0.05$; *** $p < 0.01$. HRS sample is defined in the text.

Table B.3. Survival model results

Dependent variable is four-year survival	ELSA Basic (1)	ELSA + priors, behaviours and work (2)	ELSA + co-morbidity and interactions (3)	HRS Basic (1)	HRS + priors, behaviours and work (2)	HRS + co-morbidity and interactions (3)
Male	-2.21* (1.17)	-2.59** (1.14)	-2.51** (1.14)	-3.78*** (1.38)	-5.71*** (1.35)	-5.55*** (1.34)
60 to 69	-0.74 (1.03)	-0.00 (1.04)	0.05 (1.04)	-1.12 (1.04)	-0.25 (1.02)	-0.46 (1.01)
70 to 79	-7.01*** (1.11)	-4.26*** (1.16)	-3.73*** (1.16)	-8.43*** (1.09)	-5.81*** (1.11)	-4.48*** (1.11)
80 to 84	-15.40*** (1.49)	-10.70*** (1.55)	-9.16*** (1.58)	-19.06*** (1.37)	-14.03*** (1.41)	-10.33*** (1.44)
60 to 69, male	-0.33 (1.49)	0.15 (1.45)	-0.02 (1.45)	-0.35 (1.60)	-0.08 (1.55)	-0.08 (1.54)
70 to 79, male	-3.63** (1.59)	-3.68** (1.56)	-3.67** (1.56)	-1.29 (1.68)	-0.44 (1.63)	-0.55 (1.62)
80 to 84, male	-10.65*** (2.31)	-10.19*** (2.26)	-9.71*** (2.25)	-3.95* (2.16)	-3.40 (2.11)	-3.36 (2.10)
Low education	-2.05*** (0.61)	-0.97 (0.60)	-1.00* (0.60)	-0.87 (0.57)	0.34 (0.56)	0.37 (0.55)
Bottom household income tercile	-3.50*** (0.80)	0.15 (0.80)	0.06 (0.80)	-6.57*** (0.71)	-2.03*** (0.73)	-2.22*** (0.73)
Middle household income tercile	-1.53** (0.75)	0.16 (0.74)	0.11 (0.74)	-2.31*** (0.67)	-0.32 (0.66)	-0.48 (0.66)
Prior diagnosis of cancer		-9.07*** (1.10)	-7.41*** (1.18)		-5.04*** (0.72)	-3.68*** (0.81)
Prior diagnosis of diabetes		-2.41** (1.04)	-0.46 (1.16)		-6.18*** (0.73)	-5.02*** (0.84)
Prior diagnosis of lung disease		-7.36*** (1.16)	-5.37*** (1.32)		-4.76*** (0.84)	-3.76*** (0.96)
Prior diagnosis of heart attack		-2.38** (1.16)	-0.36 (1.27)			
Prior diagnosis of stroke		-5.74*** (1.33)	-3.38** (1.44)		-8.28*** (1.06)	-6.07*** (1.15)
Moderate disability prior		-4.39*** (0.70)	-2.93*** (0.80)		-7.80*** (0.62)	-6.43*** (0.74)
Single		-2.28*** (0.65)	-2.24*** (0.65)		-1.91*** (0.61)	-1.75*** (0.60)
Overweight or obese		1.44** (0.67)	1.29* (0.66)		3.89*** (0.56)	3.80*** (0.56)

Morbidly obese		0.77 (1.25)	0.56 (1.25)		7.22*** (1.10)	6.50*** (1.10)
Current smoker		-4.00*** (0.84)	-4.10*** (0.84)		-3.10*** (0.80)	-3.39*** (0.80)
Ex-regular smoker		-2.31*** (0.64)	-2.26*** (0.64)		-1.44** (0.58)	-1.48** (0.58)
Vigorous exercise < once a week		-2.01*** (0.67)	-2.04*** (0.67)		3.81*** (0.54)	3.76*** (0.54)
Never drinks		-1.90** (0.89)	-1.91** (0.89)		-2.23*** (0.57)	-2.33*** (0.57)
Not in work		-1.27 (0.79)	-1.52* (0.79)		-2.24*** (0.62)	-2.46*** (0.62)
Co-morbid			-2.64* (1.51)			1.23 (1.25)
75 and over * Co-morbid			-8.75*** (1.68)			-15.17*** (1.29)
Constant	100.05*** (0.91)	103.94*** (1.11)	103.67*** (1.11)	100.71*** (0.93)	102.38*** (1.13)	101.85*** (1.13)
R^2	0.06	0.11	0.12	0.07	0.13	0.14
N	8,735	8,712	8,712	12,077	12,065	12,065

Standard errors are in parentheses. * $p < 0.1$; ** $p < 0.05$; *** $p < 0.01$. ELSA and HRS samples are defined in the text. No heart attack onset available in HRS.

Table B.4. Survival model results: ELSA sample splits

Dependent variable is four-year survival	Men	Women	Low education	High education	Young (55-69)	Old (70-84)	Couple	Single
Male			-3.50** (1.75)	-1.15 (1.43)	-2.20*** (0.85)	-7.36*** (1.51)	-1.09 (1.16)	-7.62** (2.99)
60 to 69	0.78 (1.23)	-0.81 (1.00)	-0.04 (1.53)	0.26 (1.35)	-0.07 (0.77)		0.26 (1.09)	-1.43 (2.42)
70 to 79	-5.69*** (1.47)	-5.64*** (1.17)	-4.13** (1.68)	-3.61** (1.55)			-2.22* (1.31)	-6.84*** (2.47)
80 to 84	-15.69*** (2.17)	-11.94*** (1.58)	-9.86*** (2.24)	-8.62*** (2.17)		-4.12** (1.92)	-12.23*** (2.41)	-9.55*** (2.82)
60 to 69, male			0.14 (2.15)	-0.29 (1.90)	0.06 (1.08)		-1.74 (1.49)	8.01** (3.72)
70 to 79, male			-3.09 (2.26)	-3.77* (2.11)			-4.15** (1.69)	-2.66 (3.70)
80 to 84, male			-13.02*** (3.17)	-3.71 (3.16)		-5.86** (2.91)	-5.99** (3.02)	-8.00* (4.45)
Low education	-1.48 (0.96)	-0.41 (0.75)			-0.04 (0.56)	-2.58** (1.31)	-0.54 (0.66)	-1.48 (1.26)
Bottom household income tercile	-0.18 (1.28)	0.38 (1.00)	0.09 (1.20)	-0.66 (1.08)	-0.68 (0.75)	1.02 (1.82)	-0.47 (0.88)	-0.34 (1.69)
Middle household income tercile	0.65 (1.15)	-0.25 (0.95)	-0.28 (1.17)	0.23 (0.92)	-0.36 (0.65)	0.84 (1.84)	1.04 (0.78)	-3.15* (1.72)
Prior diagnosis of cancer	-11.97*** (1.96)	-4.42*** (1.44)	-10.21*** (1.70)	-3.80** (1.57)	-7.28*** (1.16)	-7.35*** (2.39)	-6.74*** (1.31)	-8.78*** (2.41)
Prior diagnosis of diabetes	-0.81 (1.68)	-0.86 (1.59)	-0.82 (1.59)	0.04 (1.65)	0.28 (1.17)	-1.73 (2.25)	0.23 (1.27)	-0.85 (2.40)
Prior diagnosis of lung disease	-8.07*** (2.03)	-2.77 (1.71)	-5.60*** (1.71)	-5.24** (2.11)	-3.75*** (1.31)	-6.89*** (2.60)	-6.49*** (1.50)	-3.38 (2.57)
Prior diagnosis of heart attack	0.09 (1.74)	-0.27 (1.96)	-0.03 (1.69)	-0.70 (1.94)	-2.75** (1.37)	1.52 (2.33)	-0.81 (1.40)	0.97 (2.62)
Prior diagnosis of stroke	-6.06** (2.13)	-1.71 (1.97)	-5.00*** (1.85)	-0.26 (2.38)	-3.86** (1.62)	-3.03 (2.56)	-6.16*** (1.66)	0.24 (2.79)
Moderate disability prior	-4.66*** (1.44)	-1.81* (0.93)	-3.73*** (1.08)	-1.44 (1.18)	-1.80** (0.80)	-4.57*** (1.59)	-2.44*** (0.91)	-3.69** (1.57)
Single	-3.42*** (1.11)	-1.59** (0.77)	-2.44*** (0.90)	-1.28 (0.92)	-0.64 (0.63)	-4.26*** (1.31)		
Overweight or obese	1.32 (1.10)	1.07 (0.81)	1.68* (0.97)	0.59 (0.88)	0.39 (0.62)	2.75* (1.43)	1.07 (0.74)	1.85 (1.36)
Morbidly obese	-2.71	1.67	1.00	-0.55	-1.24	4.72	-1.62	4.15*

	(2.42)	(1.40)	(1.70)	(1.82)	(1.10)	(3.06)	(1.42)	(2.42)
Current smoker	-4.54***	-3.65***	-3.62***	-5.44***	-2.79***	-7.70***	-3.71***	-5.06***
	(1.40)	(1.02)	(1.13)	(1.26)	(0.74)	(2.08)	(0.95)	(1.66)
Ex-regular smoker	-2.26**	-2.26***	-2.29**	-2.13**	-1.90***	-2.53*	-1.66**	-3.46**
	(1.02)	(0.81)	(0.93)	(0.85)	(0.61)	(1.36)	(0.69)	(1.37)
Vigorous exercise < once a week	-2.76***	-1.12	-1.49	-2.52***	-1.57***	-3.22*	-1.61**	-3.04**
	(1.03)	(0.87)	(1.01)	(0.86)	(0.59)	(1.67)	(0.71)	(1.52)
Never drinks	2.20	-4.51***	-2.48**	-0.89	-1.22	-2.64	-0.88	-3.79**
	(1.66)	(1.01)	(1.17)	(1.37)	(0.90)	(1.71)	(1.05)	(1.62)
Not in work	-2.66**	0.18	-1.29	-1.93*	-1.23*	-4.71	-1.33	-1.59
	(1.21)	(1.02)	(1.18)	(1.01)	(0.63)	(3.01)	(0.81)	(1.93)
Co-morbid	-2.02	-2.25	-0.98	-6.41***	-5.18***	1.33	-3.94**	-0.55
	(2.37)	(1.95)	(1.99)	(2.33)	(1.44)	(3.20)	(1.68)	(3.06)
75 and over * Co-morbid	-12.55***	-5.43**	-11.67***	-1.40		-10.59***	-11.04***	-6.68**
	(2.60)	(2.17)	(2.18)	(2.68)		(2.79)	(2.09)	(2.98)
Constant	102.82***	101.59***	103.34***	102.87***	102.51***	105.38***	101.96***	106.22***
	(1.57)	(1.22)	(1.75)	(1.36)	(0.91)	(3.54)	(1.15)	(2.62)
R^2	0.15	0.09	0.14	0.09	0.06	0.11	0.12	0.13
N	3,995	4,717	4,974	3,738	5,463	3,249	5,987	2,725

Standard errors are in parentheses. * $p < 0.1$; ** $p < 0.05$; *** $p < 0.01$. ELSA sample is defined in the text.

Table B.5. Survival model results: HRS sample splits

Dependent variable is four-year survival	Men	Women	Low education	High education	Young (55-69)	Old (70-84)	Couple	Single
Male			-6.74*** (2.13)	-4.12** (1.68)	-4.85*** (1.02)	-10.35*** (2.14)	-4.85*** (1.37)	-7.67** (3.80)
60 to 69	-0.06 (1.31)	-0.90 (0.95)	-0.75 (1.48)	-0.54 (1.37)	-0.84 (0.77)		0.12 (1.08)	-3.03 (2.41)
70 to 79	-4.14*** (1.47)	-5.31*** (1.09)	-5.61*** (1.61)	-3.32** (1.54)		5.18*** (1.55)	-3.96*** (1.23)	-7.03*** (2.53)
80 to 84	-12.46*** (1.99)	-11.53*** (1.44)	-13.42*** (1.99)	-5.07** (2.14)			-6.64*** (1.97)	-14.15*** (2.83)
60 to 69, male			0.51 (2.37)	-0.31 (1.99)	-0.04 (1.16)		-0.46 (1.59)	1.05 (4.27)
70 to 79, male			0.03 (2.46)	-1.21 (2.14)		3.21 (2.33)	-0.11 (1.71)	-3.01 (4.37)
80 to 84, male			-0.34 (3.04)	-9.18*** (2.95)			-7.93*** (2.53)	1.73 (5.02)
Low education	0.65 (0.89)	0.18 (0.69)			0.92* (0.54)	-0.32 (1.10)	0.33 (0.61)	0.51 (1.22)
Bottom household income tercile	-1.84 (1.18)	-2.37*** (0.91)	-2.06* (1.05)	-2.15** (1.03)	-1.37* (0.72)	-3.60** (1.45)	-2.61*** (0.80)	-1.67 (1.63)
Middle household income tercile	-1.13 (1.05)	0.17 (0.84)	-0.44 (1.01)	-0.67 (0.87)	-0.91 (0.62)	-0.91 (1.40)	-0.72 (0.70)	-0.11 (1.60)
Prior diagnosis of cancer	-3.78*** (1.32)	-3.67*** (1.01)	-4.53*** (1.16)	-3.07*** (1.12)	-4.02*** (0.85)	-4.01*** (1.47)	-3.72*** (0.90)	-3.74** (1.70)
Prior diagnosis of diabetes	-5.70*** (1.27)	-4.26*** (1.11)	-5.29*** (1.14)	-4.69*** (1.23)	-2.86*** (0.86)	-7.69*** (1.56)	-3.81*** (0.92)	-7.72*** (1.80)
Prior diagnosis of lung disease	-5.61*** (1.56)	-2.05* (1.20)	-3.28** (1.27)	-4.62*** (1.49)	-1.34 (0.99)	-6.30*** (1.80)	-3.87*** (1.11)	-3.99** (1.90)
Prior diagnosis of stroke	-5.96*** (1.80)	-5.99*** (1.48)	-6.28*** (1.51)	-5.52*** (1.81)	-5.83*** (1.32)	-6.35*** (1.94)	-7.00*** (1.31)	-4.36* (2.32)
Moderate disability prior	-8.54*** (1.33)	-5.23*** (0.86)	-7.01*** (0.98)	-5.48*** (1.14)	-3.29*** (0.76)	-9.89*** (1.38)	-5.38*** (0.84)	-8.81*** (1.51)
Single	-2.40** (1.13)	-1.36* (0.69)	-1.52* (0.83)	-2.16** (0.89)	-1.27** (0.62)	-2.42** (1.12)		
Overweight or obese	5.40*** (0.94)	2.48*** (0.68)	5.74*** (0.79)	1.34* (0.78)	1.91*** (0.57)	5.70*** (1.05)	4.00*** (0.62)	3.40*** (1.18)
Morbidly obese	7.96*** (1.89)	5.14*** (1.31)	8.44*** (1.47)	4.16** (1.66)	2.48** (1.00)	12.80*** (2.54)	6.69*** (1.21)	6.00** (2.35)
Current smoker	-4.63***	-2.37**	-2.55**	-4.87***	-2.71***	-7.21***	-3.72***	-2.91*

	(1.26)	(1.02)	(1.07)	(1.23)	(0.72)	(1.88)	(0.91)	(1.61)
Ex-regular smoker	-2.33**	-1.08	-1.78**	-1.10	-0.77	-2.12*	-1.28**	-2.11*
	(0.98)	(0.70)	(0.82)	(0.79)	(0.57)	(1.12)	(0.63)	(1.27)
Vigorous exercise < once a week	4.66***	2.81***	4.19***	3.07***	1.63***	6.58***	3.82***	3.59***
	(0.87)	(0.68)	(0.77)	(0.75)	(0.52)	(1.08)	(0.59)	(1.21)
Never drinks	-2.68***	-1.98***	-1.78**	-2.99***	-1.49***	-3.48***	-1.72***	-3.97***
	(0.87)	(0.75)	(0.84)	(0.76)	(0.55)	(1.16)	(0.61)	(1.32)
Not in work	-3.48***	-1.21	-2.17**	-2.89***	-2.59***	-3.43**	-2.34***	-2.48*
	(0.97)	(0.80)	(0.90)	(0.84)	(0.55)	(1.49)	(0.67)	(1.45)
Co-morbid	2.05	0.50	0.74	1.91	-1.71	1.74	-0.31	4.56*
	(2.09)	(1.54)	(1.68)	(1.89)	(1.22)	(2.56)	(1.40)	(2.61)
75 and over * Co-morbid	-14.25***	-15.69***	-14.24***	-15.60***		-11.05***	-13.29***	-17.42***
	(2.13)	(1.58)	(1.67)	(2.07)		(2.14)	(1.57)	(2.38)
Constant	96.43***	101.31***	101.48***	102.88***	101.92***	95.23***	100.35***	105.04***
	(1.70)	(1.22)	(1.77)	(1.44)	(0.96)	(2.49)	(1.19)	(2.77)
R^2	0.14	0.14	0.15	0.12	0.06	0.14	0.13	0.14
N	5,345	6,720	6,863	5,152	7,036	5,029	8,579	3,479

Standard errors are in parentheses. * $p < 0.1$; ** $p < 0.05$; *** $p < 0.01$. HRS sample is defined in the text.