

Appendix Table 1: Description of educational levels (CASMIN classification)

Educational levels (CASMIN classification)		
1	lowest	Inadequately completed school (1a) General elementary education without vocational qualification (1b)
2	low	Basic vocational qualification (1c)
3	intermediate	Intermediate general qualification (2a) Intermediate vocational qualification (2b)
4	high	Maturity certificate (2c_gen) Vocational maturity certificate (2c_voc) Lower tertiary education (3a)
5	highest	Higher tertiary education (3b)

Appendix Table 2: Working hours-unadjusted working life expectancy (WLE) in years at age 50 and 60, GSOEP from 2001-2005 to 2016-2020 by gender and educational level (CASMIN classification)

		Women											
Age	Persons	2001-2005			2006-2010			2011-2015			2016-2020		
		WLE	CI		WLE	CI		WLE	CI		WLE	CI	
			lower	upper		lower	upper		lower	upper		lower	upper
50	Total	7.42	7.32	7.53	8.41	8.30	8.53	9.88	9.78	9.98	11.18	11.09	11.27
	Educational level												
	1 lowest	5.78	5.51	6.06	5.52	5.15	5.89	6.84	6.48	7.19	7.07	6.73	7.41
	2 low	7.04	6.87	7.22	8.11	7.91	8.32	9.20	8.99	9.41	10.72	10.49	10.94
	3 intermediate	7.61	7.39	7.83	8.51	8.30	8.73	10.16	9.98	10.33	11.39	11.24	11.55
	4 high	8.53	8.25	8.81	10.11	9.83	10.38	11.38	11.17	11.59	12.55	12.38	12.73
	5 highest	10.19	9.89	10.48	10.83	10.54	11.11	11.61	11.38	11.85	12.29	12.08	12.49
60	Total	1.12	1.07	1.17	1.50	1.43	1.57	2.11	2.04	2.18	3.04	2.97	3.10
	Educational level												
	1 lowest	1.06	0.94	1.18	1.09	0.90	1.27	1.62	1.44	1.81	1.85	1.63	2.06
	2 low	0.98	0.90	1.05	1.37	1.25	1.48	1.85	1.73	1.97	2.74	2.60	2.88
	3 intermediate	1.08	0.95	1.21	1.48	1.34	1.62	2.12	1.99	2.24	3.09	2.98	3.21
	4 high	1.27	1.11	1.44	1.91	1.71	2.11	2.56	2.39	2.73	3.71	3.57	3.84
	5 highest	2.02	1.81	2.22	2.43	2.21	2.65	3.08	2.91	3.26	3.53	3.38	3.68
		Men											
50	Total	9.57	9.47	9.67	10.16	10.04	10.27	11.24	11.14	11.34	11.91	11.82	12.00
	Educational level												
	1 lowest	7.92	7.53	8.32	6.40	5.83	6.97	8.48	8.01	8.95	8.54	8.19	8.89
	2 low	8.81	8.66	8.97	9.69	9.50	9.89	10.55	10.36	10.73	11.55	11.36	11.73
	3 intermediate	10.17	9.91	10.43	10.48	10.23	10.73	11.59	11.38	11.79	11.96	11.78	12.14
	4 high	10.15	9.91	10.39	10.60	10.36	10.83	11.92	11.73	12.10	12.85	12.68	13.02
	5 highest	12.31	12.12	12.50	12.49	12.29	12.68	12.99	12.83	13.16	13.14	12.98	13.29
60	Total	1.82	1.76	1.88	2.23	2.15	2.31	2.85	2.78	2.92	3.17	3.11	3.24
	Educational level												
	1 lowest	1.31	1.13	1.49	1.17	0.88	1.47	2.31	2.01	2.61	1.78	1.54	2.02
	2 low	1.39	1.31	1.48	1.98	1.86	2.11	2.46	2.35	2.58	2.99	2.86	3.12
	3 intermediate	2.13	1.95	2.32	2.43	2.24	2.61	3.16	3.00	3.32	3.14	3.00	3.28
	4 high	2.15	2.00	2.31	2.20	2.03	2.37	2.97	2.82	3.12	3.52	3.38	3.66
	5 highest	3.25	3.10	3.39	3.49	3.35	3.64	3.72	3.60	3.85	3.84	3.71	3.97

Notes: CI lower and upper refers to 95% confidence intervals.

Appendix Table 3: Working hours-unadjusted healthy working life expectancy (HWLE) in years at age 50 and 60, GSOEP from 2001-2005 to 2016-2020 by gender and educational level (CASMIN classification)

Women													
Age	Persons	2001-2005			2006-2010			2011-2015			2016-2020		
		HWLE	CI		HWLE	CI		HWLE	CI		HWLE	CI	
			lower	upper		lower	upper		lower	upper		lower	upper
50	Total	6.13	6.02	6.23	6.83	6.71	6.95	8.12	8.01	8.23	9.28	9.18	9.38
	Educational level												
	1 lowest	4.39	4.12	4.66	4.06	3.71	4.41	4.72	4.39	5.06	5.29	4.97	5.62
	2 low	5.78	5.61	5.96	6.64	6.43	6.86	7.57	7.35	7.80	8.79	8.53	9.04
	3 intermediate	6.52	6.30	6.74	7.03	6.81	7.25	8.40	8.21	8.59	9.43	9.26	9.61
	4 high	6.90	6.60	7.19	7.68	7.37	7.98	9.33	9.09	9.58	10.47	10.25	10.68
	5 highest	8.85	8.53	9.17	9.38	9.06	9.69	10.03	9.76	10.30	10.70	10.46	10.93
60	Total	0.91	0.86	0.96	1.25	1.18	1.32	1.77	1.71	1.84	2.48	2.41	2.54
	Educational level												
	1 lowest	0.89	0.78	1.01	0.91	0.74	1.08	1.23	1.06	1.41	1.34	1.15	1.54
	2 low	0.76	0.69	0.83	1.13	1.02	1.24	1.64	1.53	1.76	2.24	2.10	2.38
	3 intermediate	0.88	0.77	1.00	1.25	1.12	1.39	1.74	1.62	1.86	2.51	2.39	2.62
	4 high	1.08	0.93	1.24	1.40	1.21	1.59	2.05	1.88	2.22	3.01	2.85	3.16
	5 highest	1.75	1.55	1.95	2.19	1.97	2.41	2.71	2.52	2.89	3.03	2.87	3.19
Men													
50	Total	8.02	7.91	8.13	8.35	8.23	8.48	9.44	9.32	9.55	9.93	9.83	10.03
	Educational level												
	1 lowest	6.15	5.74	6.55	5.09	4.53	5.64	6.56	6.09	7.02	7.10	6.75	7.45
	2 low	7.13	6.96	7.29	7.65	7.44	7.86	8.47	8.27	8.67	9.10	8.88	9.31
	3 intermediate	8.95	8.68	9.23	8.69	8.42	8.96	9.83	9.60	10.07	10.08	9.87	10.28
	4 high	8.76	8.50	9.02	8.75	8.49	9.01	10.18	9.96	10.40	10.81	10.60	11.02
	5 highest	10.77	10.53	11.00	11.00	10.77	11.24	11.63	11.43	11.83	11.65	11.45	11.85
60	Total	1.54	1.48	1.60	1.85	1.78	1.93	2.33	2.26	2.40	2.55	2.48	2.62
	Educational level												
	1 lowest	1.06	0.89	1.23	1.08	0.80	1.37	1.65	1.36	1.93	1.36	1.13	1.58
	2 low	1.13	1.05	1.20	1.60	1.48	1.72	1.95	1.84	2.07	2.31	2.17	2.44
	3 intermediate	1.98	1.80	2.16	2.08	1.90	2.26	2.58	2.42	2.74	2.64	2.50	2.78
	4 high	1.86	1.71	2.02	1.76	1.60	1.93	2.54	2.39	2.70	2.63	2.47	2.78
	5 highest	2.83	2.68	2.98	2.99	2.84	3.15	3.19	3.05	3.33	3.32	3.18	3.46

Notes: CI lower and upper refers to 95% confidence intervals.

Appendix Table 5: Working hours-unadjusted unhealthy working life expectancy (UHWLE) in years at age 50 and 60, GSOEP from 2001-2005 to 2016-2020 by gender and educational level (CASMIN classification)

		2001-2005			2006-2010			2011-2015			2016-2020		
		UHWLE	CI		UHWLE	CI		UHWLE	CI		UHWLE	CI	
Age	Persons		lower	upper		lower	upper		lower	upper		lower	upper
50	Total	1.30	1.19	1.41	1.58	1.47	1.70	1.76	1.65	1.86	1.90	1.80	2.00
	Educational level												
	1 lowest	1.41	1.14	1.68	1.47	1.12	1.83	2.11	1.77	2.45	1.81	1.49	2.14
	2 low	1.26	1.08	1.43	1.47	1.26	1.68	1.63	1.41	1.86	1.93	1.68	2.18
	3 intermediate	1.10	0.88	1.32	1.47	1.25	1.69	1.75	1.56	1.94	1.96	1.78	2.13
	4 high	1.63	1.34	1.92	2.43	2.12	2.73	2.05	1.81	2.30	2.09	1.88	2.30
5 highest	1.33	1.01	1.65	1.45	1.13	1.76	1.58	1.31	1.85	1.59	1.35	1.82	
60	Total	0.21	0.16	0.25	0.25	0.19	0.32	0.34	0.27	0.40	0.56	0.50	0.63
	Educational level												
	1 lowest	0.16	0.05	0.28	0.19	0.02	0.36	0.39	0.22	0.56	0.50	0.31	0.70
	2 low	0.22	0.15	0.29	0.23	0.12	0.34	0.21	0.10	0.33	0.50	0.36	0.64
	3 intermediate	0.20	0.08	0.32	0.23	0.09	0.36	0.38	0.26	0.50	0.59	0.47	0.71
	4 high	0.19	0.04	0.35	0.52	0.32	0.71	0.51	0.34	0.68	0.70	0.55	0.85
5 highest	0.27	0.06	0.47	0.24	0.02	0.46	0.38	0.19	0.56	0.50	0.34	0.66	
Men													
50	Total	1.55	1.44	1.66	1.80	1.67	1.92	1.80	1.69	1.92	1.98	1.88	2.09
	Educational level												
	1 lowest	1.77	1.36	2.18	1.31	0.75	1.86	1.92	1.46	2.38	1.44	1.09	1.78
	2 low	1.69	1.53	1.86	2.05	1.83	2.26	2.08	1.88	2.28	2.45	2.23	2.67
	3 intermediate	1.22	0.94	1.49	1.78	1.51	2.05	1.75	1.52	1.98	1.88	1.68	2.08
	4 high	1.40	1.14	1.66	1.83	1.57	2.09	1.73	1.51	1.95	2.05	1.84	2.26
5 highest	1.54	1.31	1.78	1.48	1.25	1.71	1.36	1.16	1.56	1.49	1.29	1.69	
60	Total	0.27	0.22	0.33	0.38	0.30	0.45	0.52	0.45	0.59	0.62	0.55	0.69
	Educational level												
	1 lowest	0.25	0.08	0.42	0.10	-0.19	0.38	0.66	0.38	0.95	0.42	0.20	0.65
	2 low	0.27	0.19	0.35	0.39	0.27	0.50	0.52	0.40	0.63	0.68	0.55	0.82
	3 intermediate	0.15	-0.03	0.33	0.35	0.17	0.53	0.58	0.42	0.74	0.50	0.36	0.64
	4 high	0.29	0.14	0.44	0.42	0.25	0.59	0.43	0.27	0.58	0.90	0.75	1.06
5 highest	0.42	0.27	0.57	0.50	0.35	0.65	0.53	0.39	0.67	0.52	0.38	0.66	

Notes: CI lower and upper refers to 95% confidence intervals.

Appendix Table 6: Proportion of working life spent in good SRH as percentages (health ratio) at age 50 and 60, GSOEP from 2001-2005 to 2016-2020 by gender and educational level (CASMIN classification)

		Women											
		2001-2005			2006-2010			2011-2015			2016-2020		
		H-Ratio	CI		H-Ratio	CI		H-Ratio	CI		H-Ratio	CI	
Age	Persons	%	lower	upper	%	lower	upper	%	lower	upper	%	lower	upper
50	Total	82.6	80.8	84.5	81.2	79.3	83.0	82.7	81.2	84.1	83.4	82.1	84.6
	Educational level												
	1 lowest	75.5	69.5	81.4	73.7	65.1	82.3	68.0	61.3	74.7	75.5	69.2	81.7
	2 low	81.3	78.0	84.6	81.3	77.7	85.0	82.4	78.9	86.0	82.1	78.6	85.6
	3 intermediate	86.2	82.5	89.8	82.7	79.4	86.0	83.3	80.8	85.8	82.8	80.7	84.9
	4 high	82.0	77.7	86.3	76.6	72.7	80.5	82.2	79.3	85.1	84.0	81.6	86.3
	5 highest	86.8	82.5	91.1	86.2	82.3	90.0	86.8	83.6	89.9	87.2	84.6	89.9
60	Total	81.8	76.3	87.3	83.6	77.7	89.5	85.0	81.0	89.0	82.0	79.1	85.0
	Educational level												
	1 lowest	86.4	72.0	100.8	83.2	61.9	104.6	77.8	62.3	93.3	73.2	58.6	87.8
	2 low	76.5	67.3	85.7	82.6	71.9	93.2	90.7	82.3	99.1	81.7	74.1	89.3
	3 intermediate	84.4	71.2	97.5	84.3	72.9	95.8	82.5	75.2	89.8	81.7	76.8	86.7
	4 high	83.9	69.7	98.1	79.1	66.1	92.2	79.6	71.5	87.8	81.5	75.9	87.1
	5 highest	85.5	73.0	97.9	88.8	77.2	100.4	88.5	80.7	96.3	86.3	80.4	92.1
		Men											
50	Total	84.1	82.9	85.3	82.6	81.3	83.9	84.2	83.1	85.3	83.8	82.8	84.7
	Educational level												
	1 lowest	77.8	72.3	83.3	79.8	70.7	88.9	78.7	72.9	84.5	83.9	79.6	88.2
	2 low	81.4	79.4	83.4	79.2	76.8	81.5	80.4	78.3	82.4	79.2	77.2	81.3
	3 intermediate	88.2	85.4	91.1	83.0	80.3	85.8	84.8	82.7	87.0	84.5	82.6	86.3
	4 high	86.2	83.4	89.0	83.2	80.6	85.8	85.8	83.8	87.8	84.5	82.7	86.3
	5 highest	87.4	85.2	89.6	88.8	86.7	90.9	89.8	88.0	91.5	88.8	87.0	90.5
60	Total	85.0	81.5	88.4	83.4	79.8	87.0	82.2	79.4	84.9	80.7	78.4	83.1
	Educational level												
	1 lowest	81.0	67.5	94.5	91.9	66.6	117.3	73.6	59.8	87.4	74.4	60.1	88.7
	2 low	81.2	75.3	87.1	80.8	74.5	87.2	79.6	74.4	84.7	77.9	73.0	82.8
	3 intermediate	92.6	83.5	101.7	85.8	77.9	93.6	80.8	75.2	86.4	83.8	79.1	88.6
	4 high	85.9	78.3	93.6	80.8	72.7	89.0	86.7	81.0	92.4	74.7	69.9	79.5
	5 highest	86.9	81.7	92.2	86.7	81.8	91.6	86.1	81.9	90.3	87.2	83.2	91.2

Notes: CI lower and upper refers to 95% confidence intervals, H-Ratio = health ratio as percentage values.