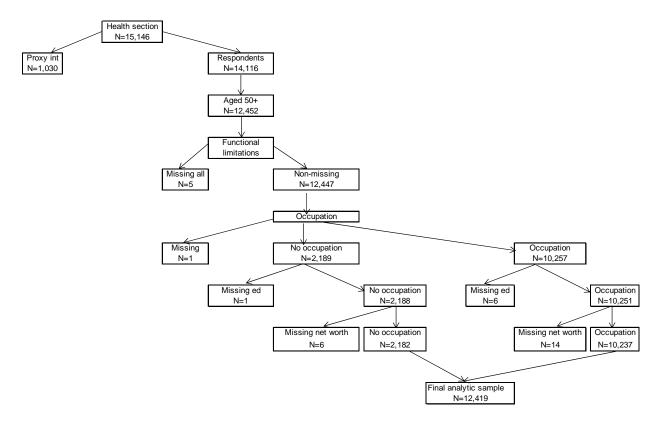
Appendix A: Sample selection (MHAS-Wave I: 2001)

Section H contains information on functional limitations and section I on occupation.



Where:

- I.1 Have you ever had a job for which you received a payment or profit?
- I.2 Have you ever helped in a business, farm, or ranch without receiving payment or profit?
- I.9 What is the name of the office, profession, or place where you worked in your main job?

Respondents with no occupation, I.1=NO & I.2=NO (non-working):

Sex	N	%
Male	30	1.4
Female	2,159	98.6
Total	2,189	100.0

Table A1. Sample characteristics of MHAS respondents, Wave I (unweighted)

Characteristic	Total	Male	Female
	N=12,419	N=5,689	N=6,730
Age (mean)	62.1	62.3	61.9
Years of education			
Mean	4.49	5.01	4.06
Education categories (%)			
0 years	24.9	21.9	27.4
1-6 years	53.4	53.9	52.9
7+ years	21.7	24.2	19.7
Net worth (Mexican pesos*)			
Mean	388,500	422,800	359,400
Deciles (range)			
D1	(-585000; 5308)	(-279663; 13000)	(-585000; 2000)
D2	(5308; 46781)	(13000; 55000)	(2000; 37000)
D3	(46781; 91000)	(55000; 100000)	(37000; 82287)
D4	(91000; 148296)	(100000; 156821)	(82287; 131423)
D5	(148296; 206139)	(156821; 219211)	(131423; 200000)
D6	(206139; 286000)	(219211; 300000)	(200000; 273797)
D7	(286000; 396660)	(300000; 413918)	(273797; 377154)
D8	(396660; 543960)	(413918; 576702)	(377154;515000)
D9	(543960; 855926)	(576702; 903541)	(515000; 822861)
D10	(855926; 26127040)	(903541; 26127040)	(822861; 26127040)

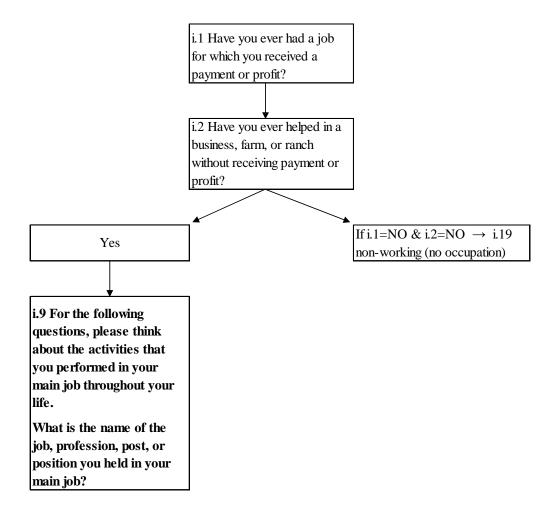
^{* 1} dollar corresponds to about 19 Mexican pesos as of July 18, 2019.

Note: net worth represents the value of all assets (including businesses, land, housing, stocks and bonds, savings, etc.) *minus* debts for individuals or for the couple if married/cohabiting.

Appendix B: Coding of primary occupation at baseline

Occupation is based on question i.9 about "main job throughout life (primary occupation)" in MHAS

Note: Textual responses to these questions were coded by the MHAS project using the Mexican occupation classification system created by the Mexican National Institute of Statistics, Geography and Informatics (INEGI). Thus, the corresponding variables in the MHAS dataset only contain occupational codes. Appendix C1 shows these codes and their associated occupations.



Appendix C1: Primary occupation categories at baseline and number of deaths as of 2015

Step 1: Original INEGI classification of job categories using 19 main groups: sample size (N)

and number of deaths for the total population and by sex

	a number of deaths for the total popul		To	tal	Fer	nale	M	lale
Job	category	code	N	Deaths	N	Deaths	N	Deaths
0	No occupation		2,182	691	2,154	678	28	13
1	Professional	110-119	247	38	57	5	190	33
2	Technicians	120-129	298	75	168	38	130	37
3	Educators	130-139	366	83	232	46	134	37
4	Workers in Art, Shows, and Sports	140-149	60	20	4	1	56	19
5	Directors in the Public, Private, and Social Sectors	210-219	183	42	48	7	135	35
6	Agriculture, Livestock, Forestry, and Fishing	410-419	2,026	780	452	154	1,574	626
7	Bosses, Supervisors, etc. in Artistic and Industrial Production and in Repair and Maintenance Activities	510-519	119	37	15	2	104	35
8	Artisans and Workers in Production, Repair, and Maintenance	520-529	1,813	578	595	178	1,218	400
9	Operators of Fixed Machinery and Equipment for Industrial Production	530-539	294	89	96	18	198	71
10	Assistants, Laborers, etc. in Industrial Production, Repair, and Maintenance	540-549	292	104	119	37	173	67
11	Drivers and Assistant Drivers of Mobile Machinery and Transport Vehicles	550-559	451	146	2	2	449	144
12	Department Heads, Coordinators, and Supervisors in Administrative and Service Activities	610-619	173	41	42	8	131	33
13	Administrative Support Staff	620-629	559	112	384	60	175	52
14	Merchants and Sales Representatives	710-719	1,076	256	676	150	400	106
15	Traveling Salespeople and Traveling Salespeople of Services	720-729	244	76	142	40	102	36
16	Workers in the Service Industry	810-819	532	164	292	76	240	88
17	Domestic Workers	820	1,264	384	1,227	372	37	12
18	Safety and Security Personnel	830-839	181	64	10	1	171	63
19	Other Workers	990-992	59	24	15	4	44	20
	TOTAL		12,419	3,804	6,730	1,877	5,689	1,927

Appendix C2: Reduced primary occupation categories at baseline

We combine some occupation categories to increase the sample size. The combined categories are shown above in similar color with a full description below.

Occupations in the Original INEGI classification	Final occupation categories shown in the table below
0. No occupation	1. No occupation
1. Professional (110-119)	2. Professional (110-119)
2. Technicians (120-129)	3. Technicians (120-129)
3. Educators (130-139)	4. Educators (130-139)
 5. Officials and Directors in the Public, Private, and Social Sectors (210-219) 12. Department Heads, Coordinators, and Supervisors in Administrative and Service Activities (610-619) 	5. Officials and Directors in the Public, Private, and Social Sectors, Department Heads, Coordinators, and Supervisors in Administrative and Service Activities (210-219, 610-619)
6. Agriculture, Livestock, Forestry, and Fishing (410-419)	6. Agriculture, Livestock, Forestry, and Fishing (410-419)
7. Bosses, Supervisors, etc. (510-519)8. Artisans and Workers in Production, Repair, and Maintenance (520-529)	7. Bosses, Supervisors, etc. in Artistic and Industrial Production and in Repair and Maintenance Activities, Artisans and Workers in Production, Repair, and Maintenance (510-519, 520-529)
9. Operators of Fixed Machinery and Equipment for	8. Operators of Fixed Machinery and Equipment for
Industrial Production (530-539) 11. Drivers and Assistant Drivers of Mobile	Industrial Production, Drivers and Assistant Drivers of Mobile Machinery and Transport
Machinery and Transport Vehicles (550-559)	Vehicles (530-539, 550-559)
10. Assistants, Laborers, etc. in Industrial Production, Repair, and Maintenance (540-549)	9. Assistants, Laborers, etc. in Industrial Production, Repair, and Maintenance (540-549)
13. Administrative Support Staff (620-629)	10. Administrative Support Staff (620-629)
14. Merchants and Sales Representatives (710-719)	11. Merchants and Sales Representatives (710-719)
15. Traveling Salespeople and Traveling Salespeople of Services (720-729)	12. Traveling Salespeople and Traveling Salespeople of Services (720-729)
16. Workers in the Service Industry (810-819)	13. Workers in the Service Industry, Safety and
18. Safety and Security Personnel (830-839)	Security Personnel (810-819, 830-839)
17. Domestic Workers (820)	14. Domestic Workers (820)
4. Workers in Art, Shows, and Sports (140-149) 19. Other Workers (990-992)	15. Other workers (140-149, 990-992)

Appendix D1: Follow up sample from baseline with total sample size in each wave, MHAS Waves I to IV: 2001-2015.

Sample size in 2001	Sample size	in 2003		Sample size in	n 2012		Sample size in	2015
12,419	 1.Interview	10,411	-	1.Interview	7,160		1.Interview	6,497
	2.Proxy	820		2.Proxy	778		2.Proxy	578
	3.Non-resp	82		3.Non-resp	0		3.Non-resp	0
	4.Incomplete	0		4.Incomplete	97		4.Incomplete	68
	5.Refused	180		5.Refused	262		5.Refused	172
	6.LFU	466		6.LFU	838		6.LFU	584
	7.LFU-dead	11		7.LFU-dead	100		7.LFU-dead	10
	8.Dead	419		8.Dead	2,420		8.Dead	965
	9.Not elegible	30		9.Not elegible	300		9.Not elegible	283
	TOTAL	12,419		TOTAL	11,955		TOTAL	9,157

Note: "Proxy" corresponds to interviews conducted by someone other than the respondent in cases of poor health, hospitalization, and temporary absence. "Not eligible" corresponds to spouses/partners who were interviewed at some point but who are not part of the sampling design (i.e., they are not the targets). "LFU" denotes lost to follow-up and "Non-resp" denotes non-response.

The coding scheme for each of the categories shown above is based on two questions in each follow up survey, "Type of interview (tipent_X)" and "Type of non-interview (tipne_X)" using the following codes:

		2	003	20)12	2015	
Category	Acronym	tipent_03	tipne_03	tipent_12	tipne_12	tipent_15	tipne_15
1.Interview: complete	1.Interview	11,12		1,2		1,2	
2.Interview: Proxy	2.Proxy	21,22		3,4		3,4	
3.Interview: non-response	3.Non-resp	42					
4. Non-interview: incomplete	4.Incomplete				2,3,6		2,3,6
5. Non-interview: refused	5.Refused		22,23		8,9,10		8,9
6. Non-interview: LFU	6.LFU		21,25,26,29		4,5,12-19		4,5,10-17
7. Non-interview: known dead	7.LFU-dead		24,27		7,11,20		7
8.Dead	8.Dead	31,32,33		5		5	
9. Not elegible	9.Not elegible	elegible_0	3==0	elegible_1	2==0	elegible_1	5==0

The next table shows the specific codes associated with each variable in each wave using the same colorscheme as shown above:

20	2003		12	20	15
	Type of interview 2003 tipent_03		Type of interview 2012 tipent_12		Type of interview 2015 tipent_15
11	Direct, first interview	1	1.Direct, follow-up interview	1	1.Direct, follow-up interview
12	Direct, second interview	2	2.Direct, new sample interview	2	2.Direct, new spouse interview
21	Proxy, first interview	3	3.Proxy, follow-up interview	3	3.Proxy, follow-up interview
22	Proxy, second interview	4	4.Proxy, new sample interview	4	4.Proxy, new spouse interview
31	Next-of-kin interview, first interview	5	5.Next-of-kin	5	5.Next-of-kin
32	Next-of-kin interview, second interview				
33	Next-of-kin interview, third interview				
42	Non-response, second				

interview

20	03	20	12	20 1	15
	Type of non-interview 2003		Type of non-interview 2012		Type of non-interview 2015
	tipne_03		tipne_12		tipne_15
0	Interviewed	1	1 Interviewed	1	1.Complete Interview
21	Changed location and cannot	2	2 Incomplete Interview	2	2.Incomplete Interview
	be located				
22		3	3 Postponed Interview	3	3.Postponed Interview
23	Refused Proxy Interview	4	4 Absent and there is no informant	4	4. Absence of the subject or the proxy o
24	Refused Next of Kin	5	5 Empty household or	5	5. Absence of occupants or
	Interview		informant not adec		adequate info
25	Unable without informant	6	6 Subject unable to complete interview	6	6.Subject not fit for interview and withdraw
26	Absent and there is no informant	7	7 Deceased without informant	7	7.Subject deceased without next-of-kin
27	Deceased without an informant	8	8 Refused	8	8.Refusal
29	Other	9	9 Refused direct interview	9	9.Refusal from the subject or the proxy
		10	10 Refused proxy interview	10	10.Change of residence
		11	11 Refused next-of-kin interview	11	11.Subject could not be located
		12	12 Changed location	12	12.Empty residence
		13	13 Subject could not be located	13	13.Dwelling for temporary use
		14	14 Empty housing	14	14.Dwelling with non-residential use, d
		15	15 Housing with temporary use	15	15.Address not located
		16		16	16.Area not safe
			residential use, de		
		17	17 Address not located	17	17.Other
		18	18 Area not safe		
		19	19 Other		
		20	20 Deceased subject from the new sample		

Appendix D2: Follow up sample from baseline (MHAS Waves I to IV: 2001-2015)



Between baseline and follow up in 2015 there were 584 respondents (264 males and 320 females corresponding to 4.7% of the baseline sample) with unknown vital status (335 respondents lost to follow up (LFU) —missing in two consecutive follow ups, and 249 partially lost to follow up—have not been located once, between 2012 and 2015).

The fraction of respondents lost to follow up (LFU) with unknown vital status is higher among people with high vs. low SES:

Education categories		Male		Female		
	N	LFU	% LFU	N	LFU	% LFU
No schooling	1,248	27	2.2	1,845	51	2.8
1-6 years of schooling	3,066	60	2.0	3,561	90	2.5
7+ years of schooling	1,375	177	12.9	1,324	179	13.5
Total	5,689	264	4.6	6,730	320	4.8

Net worth	N.	[ale		F	emale	
	N	LFU	% LFU	N	LFU	% LF
Deciles 1-5	2,844	121	4.3	3,365	140	4.
Deciles 6-9	2,276	88	3.9	2,692	119	4.
Decile 10	569	55	9.7	673	61	9.
Total	5,689	264	4.6	6,730	320	4.

Note: "missing" corresponds to respondents with missing information on both the type of interview and the type of non-interview.

Appendix E: Age-specific mortality rates in MHAS 2001-2015 and comparisons with other sources

Deaths reported by next-of-kin. The total number of deaths is shown in Table D3.1; note that these deaths are those that occurred among the baseline sample of 12,419 (see Appendix A for how the sample was selected). About 95% of deaths that occurred by 2003 and by 2012 have a complete date of death (month and year) with a negligible fraction of deaths occurring by 2015 having a missing date of death (1%) (Panel A). There is a higher fraction of deaths with missing date of death among women than men (Panel B). We imputed missing dates of death by assuming a uniform distribution between the follow-up years and/or the months of a year.

Table D3.1. Date of death (month and year) by follow-up wave.

Panel A:	Date	of c	leath
----------	------	------	-------

ranei A: D	ate of death					Paner B	: IVIIS
Wave	Complete of	date	Missing	total		Wo	men
wave	N	%	N	%	Total	N	%
2003	399	95.2	20	4.8	419	11	55
2012	2317	95.7	103	4.3	2420	58	56
2015	955	99.0	10	1.0	965	6	60

Panel B: Missing data by sex (%) Men N % 5.0 9 45.0 6.3 45 43.7 0.0 4 40.0

We then estimated age-specific mortality rates for the MHAS. Figure 1 shows age-specific mortality rates for women and men, respectively, and comparisons with other data sources (The Latin American Mortality Database (LAMBdA) and life tables for Mexico from the World Health Organization in 2005 and 2010). Results indicate lower mortality rates in MHAS, particularly at ages 70+, relative to estimates for Mexico 2005 in LAMBdA, but similar results between MHAS and WHO. There are larger discrepancies between MHAS and LAMBdA among women.

Using the crude mortality rates we estimate life expectancy at age 50, e₅₀, in MHAS (see Table E1). Overall, results show higher e₅₀ in MHAS relative to estimates in LAMBdA (about 3.8 years among women and 3.3 years among men) and similar values relative to WHO.

Table E1. Estimates of life expectancy at age 50 by sex for MHAS 2001-2015 using a Gompertz proportional hazards model, and comparisons with other sources

	Women	Men
MHAS 2001-15	30.5	28.1
LAMBdA 2005	26.7	24.8
WHO 2005	31.0	27.8
WHO 2010	31.3	28.1

Appendix F. Hazard ratios from Gompertz survival models for the MHAS sample 2001-2015, including interaction terms between age and education and between age and net worth TOTAL POPULATION

		job	educ	educ×age	educ+job	educ+educ×ag e+job	nworth	nworth×age	nworth +job	nworth+nworth×age +job	educ+nworth+job	educ+educ×age+ nworth+nworth×age+job
MA DIA DI EG		(4)	(2)	(2)	7.00		(0)	(T)		•	(10)	
VARIABLES		(1)	(2)	(3)	(4) 1.10***	(5) 1.10***	(6)	1.09***	(8) 1.10***	(9) 1.10***	(10) 1.10***	(11) 1.10***
Age												
Female		0.78***	0.80***	0.80***	0.77***	0.77***	0.80***	0.80***	0.78***	0.78***	0.77***	0.77***
Occupation categories (ref=Professional)		1.59***			1.46**	1.47**			1.42**	1.43**	1.36*	1.07*
No occupation	120 120											1.37*
Technicians	120-129				1.58**	1.59**			1.51**	1.52**	1.49**	1.50**
Educators	130-139	1.44*			1.43*	1.43*			1.36	1.37	1.36	1.37
Directors in the Public, Private, and Social	210 210											
Sectors, Department Heads, Coordinators, and	210-219, 610-619	1.30			1.27	1.27			1.25	1.26	1.24	1.25
Supervisors in Administrative and Service	610-619											
Activities	410 410	1 20**			1.07	1.07			1.02	1.22	1 17	1.10
Agriculture, Livestock, Forestry, and Fishing	410-419	1.39**			1.27	1.27			1.23	1.23	1.17	1.18
Bosses, Supervisors, etc. in Artistic and	510 510											
Industrial Production and in Repair and	510-519,	1.50**			1.38*	1.39*			1.33*	1.34*	1.27	1.29
Maintenance Activities, Artisans and Workers in	520-529											
Production, Repair, and Maintenance												
Operators of Fixed Machinery and Equipment for	520, 520											
Industrial Production, Drivers and Assistant	530-539,	1.58***			1.47**	1.48**			1.40*	1.41*	1.35*	1.37*
Drivers of Mobile Machinery and Transport	550-559											
Vehicles												
Assistants, Laborers, etc. in Industrial	540-549	1.86***			1.70***	1.71***			1.64**	1.64***	1.56**	1.58**
Production, Repair, and Maintenance					1.10	4.00					4.40	
Administrative Support Staff	620-629				1.19	1.20			1.12	1.13	1.10	1.11
Merchants and Sales Representatives	710-719	1.43**			1.34	1.35*			1.31	1.32	1.27	1.28
Traveling Salespeople and Traveling Salespeople	720-729	1.66**			1.52**	1.53**			1.47*	1.48**	1.41*	1.43*
of Services	040.040											
Workers in the Service Industry, Safety and	810-819,	1.53**			1.41*	1.42*			1.36*	1.36*	1.30	1.31
Security Personnel	830-839	4.400.00				4.000			4.00		4.00	
Domestic Workers	820	1.49**			1.36*	1.37*			1.29	1.30	1.23	1.25
Other Workers	140-149, 990-992	1.68**			1.56**	1.57**			1.48*	1.50*	1.43	1.45
Education categories (ref=No schooling)												
1-6 years of schooling			0.97	1.13	0.96	1.13					0.98	1.18
7+ years of schooling			0.87***	0.62	0.88*	0.63					0.93	0.73
Age × 1-6 years of schooling				1.00		1.00						1.00
Age × 7+ years of schooling				1.01		1.01						1.00
Net worth (ref=deciles 1-5)												
Deciles 6-9							0.85***	0.83	0.85***	0.85	0.85***	0.85
Decile 10							0.75***	0.41**	0.76***	0.43**	0.77***	0.48
Age × Deciles 6-9								1.00		1.00		1.00
Age × Decile 10								1.01		1.01		1.01
Gamma		0.0921	0.0912	0.0916	0.0916	0.0921	0.0913	0.0907	0.0916	0.0911	0.0912	0.0917
Observations		12,419	12,419	12,419	12,419	12,419	12,419	12,419	12,419	12,419	12,419	12,419
Wald_Test_Occ(p-value)		0.0269			0.0714	0.0666			0.0833	0.0837	0.0912	0.0865
Wald_Test_Ed(p-value)			0.0216		0.160						0.543	
Wald_Test_EdxAge(p-value)				0.296		0.260						0.355
Wald_Test_nworth(p-value)							1.96e-08		1.78e-07		5.86e-07	
Wald_Test_nworthxAge(p-value)								0.376		0.377		0.542
AIC		17644	17639	17640	17644	17646	17610	17612	17616	17619	17619	17623
BIC		17770	17676	17692	17785	17802	17647	17664	17758	17775	17775	17809

 $[\]frac{\text{BIC}}{\text{*p} < .05; **p} < .01; ***p < .001. \text{ AIC denotes Akaike Information Criterion and BIC denotes Bayesian Information Criterion.} \\$

WOMEN

	job	educ	educ×age	educ+job	educ+educ×ag e+job	nworth	nworth×age	nworth+job	nworth+nworth×age+j ob	educ+nworth+job	educ+educ×age+ nworth+nworth×age+job
VARIABLES	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Age	1.10***	1.10***	1.10***	1.10***	1.10***	1.10***	1.10***	1.10***	1.10***	1.10***	1.10***
Occupation categories (ref=Professional)											
No occupation	2.68**			2.40*	2.45**			2.30*	2.34*	2.14*	2.21*
Technicians	2.80**			2.70**	2.80**			2.56**	2.62**	2.51*	2.62**
Educators	2.09			2.08	2.11			1.93	1.98	1.94	1.98
Directors in the Public, Private, and Social											
Sectors, Department Heads, Coordinators, and	. =0				4.00			4.00	4.00		4.00
Supervisors in Administrative and Service	1.79			1.75	1.80			1.80	1.82	1.76	1.83
Activities											
Agriculture, Livestock, Forestry, and Fishing	2.76**			2.41*	2.46*			2.31*	2.36*	2.13*	2.19*
Bosses, Supervisors, etc. in Artistic and											
Industrial Production and in Repair and											
Maintenance Activities, Artisans and Workers in	2.48**			2.22*	2.27*			2.09	2.14*	1.96	2.02
Production, Repair, and Maintenance											
Operators of Fixed Machinery and Equipment for											
Industrial Production, Drivers and Assistant											
Drivers of Mobile Machinery and Transport	2.00			1.83	1.85			1.73	1.77	1.64	1.67
Vehicles											
Assistants, Laborers, etc. in Industrial											
Production, Repair, and Maintenance	3.89***			3.44***	3.53***			3.30**	3.37**	3.06**	3.16**
Administrative Support Staff	1.99			1.96	2.02			1.77	1.82	1.76	1.84
Merchants and Sales Representatives	2.35*			2.16*	2.21*			2.06	2.10	1.95	2.02
Traveling Salespeople and Traveling Salespeople											
of Services	3.15**			2.87**	2.84**			2.71**	2.75**	2.56**	2.57**
Workers in the Service Industry, Safety and	2.59**			2.33*	2.40*			2.20*	2.26*	2.06	2.14
Security Personnel	2.39			2.33	2.40			2.20	2.20	2.00	2.14
Domestic Workers	2.53**			2.22*	2.27*			2.09	2.14*	1.93	1.99
Other Workers	4.63**			4.16**	4.26**			3.97**	4.12**	3.71**	3.86**
Education categories (ref=No schooling)											
1-6 years of schooling		1.00	1.33	1.00	1.30					1.02	1.37
7+ years of schooling		0.82***	0.45**	0.87**	0.47**					0.92	0.54
Age × 1-6 years of schooling			1.00		1.00						1.00
Age × 7+ years of schooling			1.01*		1.01*						1.01
Net worth (ref=deciles 1-5)											
Deciles 6-9						0.82***	0.61	0.82***	0.64	0.83***	0.72
Decile 10						0.64***	0.34	0.67***	0.34	0.68***	0.44
Age × Deciles 6-9							1.00		1.00		1.00
Age × Decile 10							1.01		1.01		1.01
Gamma	0.0964	0.0954	0.0945	0.0957	0.0947	0.0953	0.0936	0.0952	0.0936	0.0949	0.0934
Observations	6,730	6,730	6,730	6,730	6,730	6,730	6,730	6,730	6,730	6,730	6,730
Wald_Test_Occ(p-value)	0.0182			0.118	0.128			0.0684	0.0698	0.131	0.143
Wald_Test_Ed(p-value)		0.00122		0.0608						0.252	
Wald_Test_EdxAge(p-value)			0.0669		0.0756						0.777
Wald_Test_nworth(p-value)						1.27e-07		1.92e-06		7.41e-06	
Wald_Test_nworthxAge(p-value)							0.472		0.482		0.110
AIC	8889	8880	8879	8888	8886	8861	8863	8866	8869	8867	8869
BIC	8998	8907	8920	9010	9023	8888	8904	8989	9005	9003	9033

^{*}p < .05; **p < .01; ***p < .001. AIC denotes Akaike Information Criterion and BIC denotes Bayesian Information Criterion

MEN

		educ	educ×age	, and the second	educ+educ×ag e+job			nworth+job	ob	· ·	educ+educ×age+ nworth+nworth×age+job	
VARIABLES	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
Age	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***	
Occupation categories (ref=Professional)												
No occupation	1.64			1.58	1.58			1.51	1.52	1.48	1.48	
Γechnicians	1.44			1.44	1.43			1.39	1.40	1.39	1.39	
Educators	1.63**			1.63**	1.63**			1.59*	1.60*	1.59*	1.60*	
Directors in the Public, Private, and Social												
ectors, Department Heads, Coordinators, and	1.23			1.23	1.23			1.21	1.22	1.21	1.22	
Supervisors in Administrative and Service	1.23			1.23	1.23			1.21	1.22	1.21	1.22	
Activities												
griculture, Livestock, Forestry, and Fishing	1.23			1.18	1.17			1.15	1.15	1.12	1.12	
osses, Supervisors, etc. in Artistic and												
ndustrial Production and in Repair and												
Maintenance Activities, Artisans and Workers in	1.36*			1.33	1.32			1.28	1.29	1.26	1.26	
roduction, Repair, and Maintenance												
Operators of Fixed Machinery and Equipment for												
ndustrial Production, Drivers and Assistant												
Drivers of Mobile Machinery and Transport	1.47**			1.44*	1.44*			1.38*	1.38*	1.37	1.37	
/ehicles												
ssistants, Laborers, etc. in Industrial	1.53**			1.47*	1.48*			1.43	1.43*	1.40	1.40	
roduction, Repair, and Maintenance												
dministrative Support Staff	1.20			1.19	1.17			1.14	1.14	1.13	1.13	
ferchants and Sales Representatives	1.37			1.35	1.34			1.33	1.33	1.31	1.31	
raveling Salespeople and Traveling Salespeople	1.35			1.30	1.30			1.26	1.26	1.23	1.23	
f Services	1.55			1.50	1.50			1.20	1.20	1.25	1.23	
Vorkers in the Service Industry, Safety and	1.40*			1.36	1.35			1.31	1.32	1.29	1.29	
ecurity Personnel	1.40			1.50	1.55			1.51	1.32	1.2)	1.2)	
Oomestic Workers	1.10			1.06	1.09			1.04	1.05	1.02	1.05	
Other Workers	1.47			1.43	1.43			1.37	1.38	1.35	1.36	
Education categories (ref=No schooling)												
-6 years of schooling		0.98	1.44	0.96	1.43					0.97	1.41	
/+ years of schooling		0.97	0.91	0.93	0.87					0.95	0.94	
Age × 1-6 years of schooling			0.99		0.99						0.99	
Age × 7+ years of schooling			1.00		1.00						1.00	
Net worth (ref=deciles 1-5)												
Deciles 6-9						0.89**	1.01	0.88**	1.00	0.89**	0.98	
Decile 10						0.85*	0.47	0.87	0.48	0.87	0.52	
Age × Deciles 6-9						5.05	1.00	5.67	1.00	0.07	1.00	
Age × Deciles 0-9 Age × Decile 10							1.00		1.01		1.01	
Age × Decile 10	0.0887	0.0874	0.0890	0.0881	0.0898	0.0874	0.0875	0.0885	0.0885	0.0881	0.0899	
Observations	5,689 0.400	5,689	5,689	5,689	5,689	5,689	5,689	5,689	5,689	5,689 0.383	5,689	
Vald_Test_Occ(p-value)	0.400	0.062		0.337	0.325			0.416	0.421		0.376	
Vald_Test_Ed(p-value)		0.862	0.411	0.555	0.070					0.763	0.500	
Vald_Test_EdxAge(p-value)			0.411		0.378						0.569	
Vald_Test_nworth(p-value)						0.0199		0.0241		0.0330		
Vald_Test_nworthxAge(p-value)							0.456		0.470		0.473	
AIC	8760	8750	8752	8762	8764	8743	8745	8756	8759	8760	8765	
BIC	8866	8777	8792	8882	8897	8769	8785	8876	8892	8892	8924	

^{*}p < .05; **p < .01; ***p < .001. AIC denotes Akaike Information Criterion and BIC denotes Bayesian Information Criterion.

Appendix G. Sensitivity analysis Hazard ratios from Gompertz survival models for the MHAS sample 2001-2015 for all people aged 50+ and those aged 50-65 at baseline

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						Gross effe	ct				Net effec	t
VARIABLES	(1) job		(2) educ		(3) educ+job		(4) nworth		(5) nwort	h+job	` '	nworth+job
	50+	50-65	50+	50-65	50+	50-65	50+	50-65	50+	50-65	50+	50-65
Age	1.10***	1.10***	1.10***	1.09***	1.10***	1.09***	1.10***	1.10***	1.10***	1.10***	1.10***	1.09***
Occupation categories (ref=Professional)												
No occupation	2.68**	3.55*			2.40*	2.84			2.30*	2.99	2.14*	2.52
Technicians	120-129 2.80**	3.63*			2.70**	3.50*			2.56**	3.28	2.51*	3.20
Educators	130-139 2.09	1.77			2.08	1.77			1.93	1.65	1.94	1.67
Directors in the Public, Private, and Social												
Sectors, Department Heads, Coordinators, and	210-219, 1.79	2.59			1.75	2.52			1.80	2.47	1.76	2.42
Supervisors in Administrative and Service	610-619	2.39			1.73	2.32			1.60	2.47	1.70	2.42
Activities												
Agriculture, Livestock, Forestry, and Fishing	410-419 2.76**	3.89*			2.41*	2.88			2.31*	3.16	2.13*	2.51
Bosses, Supervisors, etc. in Artistic and												
Industrial Production and in Repair and	510-519, 2.48**				2.224				• 00	221	4.0.0	204
Maintenance Activities, Artisans and Workers in	520-529 2.48**	2.85			2.22*	2.31			2.09	2.34	1.96	2.01
Production, Repair, and Maintenance												
Operators of Fixed Machinery and Equipment for												
Industrial Production, Drivers and Assistant	530-539, 2.00											
Drivers of Mobile Machinery and Transport	550-559 2.00	2.44			1.83	2.07			1.73	2.05	1.64	1.82
Vehicles												
Assistants, Laborers, etc. in Industrial												
Production, Repair, and Maintenance	540-549 3.89***	5.18**			3.44***	4.23*			3.30**	4.31**	3.06**	3.72*
Administrative Support Staff	620-629 1.99	2.33			1.96	2.30			1.77	2.09	1.76	2.09
Merchants and Sales Representatives	710-719 2.35*	2.86			2.16*	2.49			2.06	2.46	1.95	2.22
Traveling Salespeople and Traveling Salespeople												
of Services	720-729 3.15**	4.53**			2.87**	3.62*			2.71**	3.76*	2.56**	3.18
Workers in the Service Industry, Safety and	810-819, 2.59**											
Security Personnel	830-839 2.59**	3.19			2.33*	2.65			2.20*	2.64	2.06	2.30
Domestic Workers	820 2.53**	3.49*			2.22*	2.64			2.09	2.79	1.93	2.26
	140-149, 4.63**											
Other Workers	990-992 4.63**	4.17			4.16**	3.34			3.97**	3.70	3.71**	3.08
Education categories (ref=No schooling)												
1-6 years of schooling			1.00	0.85*	1.00	0.86*					1.02	0.87
7+ years of schooling			0.82***	0.62***	0.87**	0.67***					0.92	0.71***
Net worth (ref=deciles 1-5)												
Deciles 6-9							0.82***	0.73***	0.82***	0.76***	0.83***	0.78***
Decile 10							0.64***	0.56***	0.67***	0.60***	0.68***	0.64***
Gamma	0.0964	0.0920	0.0954	0.0896	0.0957	0.0899	0.0953	0.0927	0.0952	0.0920	0.0949	0.0903
Observations	6,730	4,628	6,730	4,628	6,730	4,628	6,730	4,628	6,730	4,628	6,730	4,628
Wald tests (p-values)	-,	y - *		,	- ,	y - 100		,	-,	y - 100		,- ~
Occupation	0.0182	0.0166			0.118	0.285			0.0684	0.0812	0.131	0.312
Education	0.0102		0.00122	1.04e-06	0.0608	0.000779					0.252	0.00608
Net worth			3.00122	2.0.0	2.0000	3,000,17	1.27e-07	1.30e-06	1.92e-06	4.12e-05	7.41e-06	0.000314
AIC	8889	4864	8880	4843	8888	4854	8861	4843	8866	4848	8867	4841
BIC	8998	4967	8907	4868	9010	4970	8888	4868	8989	4963	9003	4970

MEN

						Gross effe	ect				Net effec	t
VARIABLES	(1) job		(2) educ		(3) educ+job		(4) nworth			h+job	` /	-nworth+jol
	50+	50-65	50+	50-65	50+	50-65	50+	50-65	50+	50-65	50+	50-65
Age	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***	1.09***
Occupation categories (ref=Professional)												
No occupation	1.64	3.12***			1.58	2.99**			1.51	2.72**	1.48	2.66**
Technicians	120-129 1.44	1.21			1.44	1.20			1.39	1.12	1.39	1.12
Educators	130-139 1.63**	1.81*			1.63**	1.82*			1.59*	1.74	1.59*	1.74
Directors in the Public, Private, and Social												
Sectors, Department Heads, Coordinators, and	210-219, 1.23	1.61			1.23	1.60			1.21	1.56	1.21	1.56
Supervisors in Administrative and Service	610-619	1.01			1.23	1.00			1.21	1.50	1.21	1.50
Activities												
Agriculture, Livestock, Forestry, and Fishing	410-419 1.23	1.54			1.18	1.47			1.15	1.37	1.12	1.34
Bosses, Supervisors, etc. in Artistic and												
Industrial Production and in Repair and	510-519, 520-520 1.36*	1.70**			1.33	1.65*			1.28	1.52	1.26	1.50
Maintenance Activities, Artisans and Workers in	520-529	1.70			1.55	1.05			1.20	1.32	1.20	1.50
Production, Repair, and Maintenance												
Operators of Fixed Machinery and Equipment for												
Industrial Production, Drivers and Assistant	530-539, 1.47**	1.06**			1 444	1.00**			1.20*	1 (7)	1.27	1 664
Drivers of Mobile Machinery and Transport	550-559	1.86**			1.44*	1.82**			1.38*	1.67*	1.37	1.66*
Vehicles												
Assistants, Laborers, etc. in Industrial	510 510 1 50th	4.050.0			4 450	4.05%			4.40	4.50	4.40	
Production, Repair, and Maintenance	540-549 1.53**	1.95**			1.47*	1.85*			1.43	1.72	1.40	1.67
Administrative Support Staff	620-629 1.20	1.52			1.19	1.50			1.14	1.37	1.13	1.37
Merchants and Sales Representatives	710-719 1.37	1.81**			1.35	1.77**			1.33	1.68*	1.31	1.67*
Traveling Salespeople and Traveling Salespeople	500 500 4.05	0.400.0			4.20	2044				4.04%	4.00	4.05%
of Services	720-729 1.35	2.13**			1.30	2.04*			1.26	1.91*	1.23	1.87*
Workers in the Service Industry, Safety and	810-819, 1.40*					2050				4.05%	4.00	4.050
Security Personnel	830-839, 1.40*	2.11***			1.36	2.06**			1.31	1.87**	1.29	1.85**
Domestic Workers	820 1.10	1.64			1.06	1.57			1.04	1.43	1.02	1.39
01	140-149,				4 40	2 40 to to			4.05		4.05	2.244.4
Other Workers	990-992 1.47	2.45**			1.43	2.40**			1.37	2.26**	1.35	2.24**
Education categories (ref=No schooling)												
1-6 years of schooling			0.98	0.96	0.96	0.95					0.97	0.95
7+ years of schooling			0.97	0.93	0.93	0.91					0.95	0.94
Net worth (ref=deciles 1-5)												
Deciles 6-9							0.89**	0.87*	0.88**	0.87*	0.89**	0.87*
Decile 10							0.85*	0.72**	0.87	0.76**	0.87	0.76*
Gamma	0.0887	0.0870	0.0874	0.0858	0.0881	0.0865	0.0874	0.0863	0.0885	0.0871	0.0881	0.0868
Observations	5,689	3,767	5,689	3,767	5,689	3,767	5,689	3,767	5,689	3,767	5,689	3,767
Wald tests (p-values)					,						,	
Occupation	0.400	0.189			0.337	0.184			0.416	0.274	0.383	0.260
Education			0.862	0.715	0.555	0.709					0.763	0.840
Net worth							0.0199	0.0226	0.0241	0.0593	0.0330	0.0698
AIC	8760	4602	8750	4596	8762	4605	8743	4589	8756	4600	8760	4604
BIC	8866	4702	8777	4621	8882	4718	8769	4614	8876	4713	8892	4729