SUPPLEMENTARY TABLES

Supplementary Table 1. Unadjusted linear regression estimated coefficients with 95% confidence intervals for the epigenetic age and pace of aging.

	Levels	HorvathAA	HannumAA	PhenoAA	GrimaAgeAA	DunedinPoAm	DunedinPACE
Current job clas	ssification:						
NS-SEC	Semi-routine, routine worked/LT unemployed	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Lower supervisory and technical	-0.196 (-1.782, 1.39)	0.7 (-0.509, 1.909)	-1.384 (-3.338, 0.571)	1.003 (-0.517, 2.523)	-0.003 (-0.028, 0.021)	-0.01 (-0.053, 0.034)
	Small employers and own account	0.101 (-1.195, 1.397)	-0.246 (-1.234, 0.742)	-0.94 (-2.538, 0.657)	-0.709 (-1.951, 0.533)	-0.012 (-0.032, 0.007)	-0.048 (-0.083, -0.012)*
	Intermediate	-0.695 (-1.949, 0.558)	-0.965 (-1.921, -0.009)*	-1.336 (-2.881, 0.21)	-1.015 (-2.217, 0.187)	-0.021 (-0.04, -0.002)*	-0.03 (-0.064, 0.005)
	Management and professional	0.248 (-0.731, 1.226)	0.018 (-0.729, 0.764)	-1.454 (-2.66, -0.247)*	-1.471 (-2.409, -0.532)*	-0.035 (-0.05, -0.02)*	-0.072 (-0.099, -0.045)*
Job sector	Other type of organization	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Private firm or business, a limited company	0.092 (-0.753, 0.937)	0.096 (-0.545, 0.737)	-0.433 (-1.467, 0.601)	1.243 (0.454, 2.032)*	0.012 (-0.001, 0.025)	0.001 (-0.022, 0.025)
Job stability:							
Status contract	A permanent job	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Not permanent job	0.119 (-1.713, 1.951)	0.267 (-1.13, 1.664)	-0.825 (-3.078, 1.428)	0.303 (-1.468, 2.073)	0.002 (-0.026, 0.031)	0.004 (-0.047, 0.055)
Status job	Paid employment(ft/pt)	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
5	Self employed	0.005 (-1.02, 1.03)	-0.254 (-1.033, 0.525)	-0.275 (-1.532, 0.981)	-0.442 (-1.44, 0.557)	0.003 (-0.014, 0.019)	-0.015 (-0.044, 0.014)
	Unemployed	0.215 (-1.528, 1.958)	1.477 (0.152, 2.802)*	3.364 (1.227, 5.5)*	4.37 (2.672, 6.067)*	0.077 (0.05, 0.105)*	0.087 (0.038, 0.136)*
Job security	Unlikely to lose their job	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Likely to lose their job	1.158 (-0.308, 2.623)	1.223 (0.111, 2.334)*	2.806 (1.02, 4.591)*	1.005 (-0.375, 2.384)	0.011 (-0.012, 0.033)	0.034 (-0.007, 0.075)
Pay type	Salaried	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Paid by the hour	0.611 (-0.281, 1.504)	0.448 (-0.225, 1.121)	1.331 (0.244, 2.418) [*]	1.267 (0.432, 2.101)*	0.022 (0.008, 0.036) [*]	0.04 (0.015, 0.065)*
Has second job	No	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Yes	-0.656 (-1.965, 0.653)	-0.044 (-1.044, 0.956)	0.034 (-1.586, 1.655)	0.348 (-0.955, 1.65)	0.013 (-0.009, 0.034)	0.005 (-0.032, 0.042)
Job schedule:							
Working time	During the day	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Night	-0.149 (-2.192, 1.894)	0.667 (-0.891, 2.224)	2.271 (-0.241, 4.782)	2.605 (0.642, 4.568)*	0.054 $(0.022, 0.086)^*$	0.076 (0.019, 0.133)*
	Rotating shifts	0.09 (-0.801, 0.981)	0.214 (-0.465, 0.894)	0.163 (-0.932, 1.258)	-0.154 (-1.011, 0.702)	0.003 (-0.011, 0.017)	-0.005 (-0.029, 0.02)
Working weekends	No weekend working	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Yes - some weekends	0.199 (-0.64, 1.039)	0.118 (-0.523, 0.758)	-0.032 (-1.065, 1.002)	0.087 (-0.724, 0.898)	0.003 (-0.01, 0.016)	-0.002 (-0.025, 0.022)
	Yes - most/	0.307	0.217	0.691	0.515	0	0.002
	Every weekend	(-0.714, 1.328)	(-0.562, 0.997)	(-0.566, 1.949)	(-0.472, 1.502)	(-0.016, 0.016)	(-0.027, 0.031)
Working hours	Less than 40 hours	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	40 hours More than 40 hours	1.037 (-0.226, 2.3) 0.102	0.757 (-0.202, 1.716) -0.045	1.072 (-0.474, 2.618) -1.507	2.218 (1.044, 3.393)* 1.019	0.02 $(0, 0.039)^*$ -0.005	-0.017 (-0.053, 0.018) -0.035
	wore than 40 hours	(-1.436, 1.64)	-0.045 (-1.213, 1.122)	-1.507 (-3.389, 0.376)	(-0.411, 2.45)	-0.005 (-0.029, 0.019)	-0.035 (-0.078, 0.008)

Autonomy and i	nfluence at work:						
Managerial dutie	s Not manager/supervisor	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Foreman/supervisor	0.168 (-1.054, 1.39)	0.332 (-0.594, 1.258)	0.245 (-1.253, 1.742)	0.424 (-0.728, 1.576)	0.008 (-0.011, 0.027)	-0.009 (-0.043, 0.025)
	Manager	0.395 (-0.618, 1.408)	0.551 (-0.216, 1.319)	-0.581 (-1.823, 0.66)	-0.076 (-1.031, 0.879)	-0.011 (-0.026, 0.005)	-0.036 (-0.064, -0.008)*
Job autonomy	(15, 20) High	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	(10, 15) Medium	-0.125 (-1.568, 1.317)	-0.748 (-1.841, 0.345)	-1.745 (-3.516, 0.025)	-0.372 (-1.763, 1.018)	-0.011 (-0.033, 0.012)	-0.062 (-0.103, -0.022)*
	(0, 10) Low	0.186 (-1.131, 1.502)	0.242 (-0.755, 1.24)	-0.75 (-2.367, 0.866)	0.431 (-0.839, 1.7)	0.001 (-0.019, 0.022)	-0.038 (-0.075, -0.001)*
Occupational pl	ysical activity						
OPA	Not very active/ Not at all	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Fairly Active	-0.159 (-0.988, 0.669)	-0.059 (-0.691, 0.574)	0.363 (-0.658, 1.383)	0.466 (-0.33, 1.261)	0.014 (0.002, 0.027)*	0.027 (0.004, 0.05)*
	Very Active	0.281 (-0.782, 1.344)	0.27 (-0.541, 1.081)	0.646 (-0.663, 1.956)	1.53 (0.509, 2.551)*	0.028 (0.012, 0.045)*	0.05 $(0.021, 0.08)^*$
Feelings regardi	ng the job						
Job satisfaction	Neither Satisfied/ Dissatisfied	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Dissatisfied	-0.186 (-2.043, 1.671)	-0.058 (-1.475, 1.359)	-1.256 (-3.541, 1.03)	1.55 (-0.242, 3.341)	0.009 (-0.02, 0.038)	-0.009 (-0.061, 0.043)
	Satisfied	0.417 (-1.141, 1.975)	-0.41 (-1.599, 0.779)	-0.131 (-2.049, 1.787)	1.363 (-0.14, 2.866)	0.005 (-0.02, 0.029)	-0.01 (-0.054, 0.033)
Job feelings	[6, 8) Positive	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	(8, 11) Average	-0.059 (-0.989, 0.87)	-0.207 (-0.916, 0.503)	-0.465 (-1.611, 0.68)	-0.636 (-1.534, 0.262)	-0.017 (-0.031, -0.002)*	-0.026 (-0.052, 0)
	(11, 30) Negative	-0.423 (-1.311, 0.464)	-0.358 (-1.036, 0.319)	-0.2 (-1.295, 0.894)	-0.428 (-1.285, 0.43)	-0.009 (-0.023, 0.004)	-0.005 (-0.029, 0.02)

Fully adjusted models for: BMI, alcohol consumption, educational level and smoking. *p-value < 0.05.

Supplementary Table 2. Men linear regression coefficient estimates with 95% confidence intervals for the epigenetic age and pace of aging.

	Levels	HorvathAA	HannumAA	PhenoAA	GrimaAgeAA	DunedinPoAm	DunedinPACE
Current job cla	ssification:						
NS-SEC	Semi-routine, routine worked/LT unemployed	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Lower supervisory and technical	1.824 (-0.23, 3.878)	0.949 (-0.718, 2.617)	1.169 (–1.351, 3.69)	0.138 (-1.417, 1.693)	-0.001 (-0.029, 0.028)	0.003 (-0.06, 0.066)
	Small employers and own account	0.883 (-0.958, 2.724)	0.032 (-1.463, 1.527)	0.787 (-1.472, 3.046)	-0.459 (-1.852, 0.935)	0.002 (-0.024, 0.028)	-0.031 (-0.087, 0.026)
	Intermediate	0.36 (-1.909, 2.63)	0.006 (-1.837, 1.848)	0.296 (-2.489, 3.081)	-0.929 (-2.647, 0.789)	-0.002 (-0.033, 0.03)	-0.015 (-0.084, 0.055)
	Management and professional	0.927 (-0.763, 2.618)	0.613 (-0.759, 1.986)	0.164 (-1.911, 2.239)	-0.576 (-1.856, 0.705)	-0.002 (-0.025, 0.022)	-0.057 (-0.109, -0.005)
Job sector	Other type of organization	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Private firm or business, a limited company	-1.098 (-2.452, 0.255)	-1.824 (-2.908, -0.741)	-3.251 (-4.866, -1.635)	-0.568 (-1.585, 0.449)	-0.017 (-0.036, 0.002)	-0.053 (-0.096, -0.01)
Job stability:							
Status contract	A permanent job	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Not permanent job	-0.112 (-2.761, 2.538)	-0.023 (-2.169, 2.123)	-0.556 (-3.792, 2.68)	-0.48 (-2.479, 1.52)	0.014 (-0.023, 0.05)	0.002 (-0.08, 0.083)

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(-1.46), 1,289, (-1.51), 0.639, (-1.18), 2.77, (-1.490, 239, (-2.004), 0.02, (-0.013, 0.027, (-0.032, 0.028), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.108), (-0.028, 0.118), (-0.028, 0.118), (-0.028, 0.118), (-0.028, 0.128), (-0.028, 0.118), (-0.028, 0.128), (-0.028, 0.118), (-0.018, 0.128), (-0.018, 0.128), (-0.018, 0.128), (-0.018, 0.118), (-0.018, 0.118), (-0.028, 0.118), (-0.018,	Status job	Paid employment(ft/pt)	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
2-237: 34-20 (-1.239, 3540) (10.32, 8350) (-0.16, 4.329) (00.26, 0.108) (00.29, 0.215) hab security Unlikely to love their job Ref. R		Self employed						
Lakely to loom therigin -0.5 (-2.998, 1.997) (-0.575, 2.91) (-0.575, 2.91) (-1.037, 3.01) (-1.0575, 2.93) (-1.033) (-0.028, 2.055) (-0.028, 0.055) (-0.029, 0.033) (-0.028, 0.055) (-0.039, 0.020) (-0.039, 0.021) (-0.039, 0.020) (-0.039, 0.021) (-0.039, 0.021) (-0.039, 0.021) (-0.039, 0.035) Job Schedule: Working time Ref.		Unemployed						
view (-2.096, 1.097) (-0.675, 2.91) (-1.817, 3.61) (-0.028, 2.85) (-0.002, 0.05) (-0.026, 0.115) Proy type Salaried Ref. <	Job security	Unlikely to lose their job	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Paid by the hoar 1.086 0.022 0.583 1.571 0 0.014 Has second job No Ref. Re		Likely to lose their job						
($-0.338, 2.33$) ($-1.161, 1.206$) ($-1.208, 2.373$) ($0.507, 2.634$)* ($-0.02, 0.02$) ($-0.033, 0.061$) Has second job No Ref. Ref. </td <td>Pay type</td> <td>Salaried</td> <td>Ref.</td> <td>Ref.</td> <td>Ref.</td> <td>Ref.</td> <td>Ref.</td> <td>Ref.</td>	Pay type	Salaried	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Yes -0.498 (-2.446, 1.45) -0.123 (-1.68, 1.435) 0.273 (-2.132, 2.678) -0.874 (-2.328, 0.58) -0.006 (-0.004, 0.021) -0.006 (-0.006, 0.057) Job Schenhutz Working time Diring the day Ref.		Paid by the hour						
(-2.446, 1.45) (-1.68, 1.435) (-2.132, 2.678) (-2.328, 0.58) (-0.034, 0.02) (-0.066, 0.057) Iob Schedult Working time During the day Ref. Ref. Ref. Ref. Ref. Ref. Ref. Ref. (-0.373, 0.03) (-0.001, 0.017) Postating shifts 0.055 (-1.173, 0.173) (-0.175, 0.173) (-0.017, 0.001) (-0.002, 0.005) (-0.023, 0.057) (-0.004, 0.022) (-0.023, 0.057) Working time No weekend working Ref. Ref. Ref. Ref. Ref. Ref. Ref. Ref. Ref. No veekend working No veekend working Ref. No veekend (-0.023, 0.07) (-0.004, 0.023) (-0.024, 0.024) (-0.453) (-0.1857, 0.243) (-1.165, 0.23) (-1.857, 0.23) (-1.867, 0.04) (-0.021, 0.01) (-0.0026, 0.027) (-0.006, 0.052) (-0.021, 0.01) (-0.006, 0.052) (-2.014, 1.115) (-2.117, 0.639) (-2.015, 1.116) (-2.014, 1.123) (-2.218, 0.127) (-2.218, 0.127) (-2.218, 0.127) (-2.218, 0.127) (-2.218, 0.127) (-2.218, 0.127) (-2.218, 0.127) </td <td>Has second job</td> <td>No</td> <td>Ref.</td> <td>Ref.</td> <td>Ref.</td> <td>Ref.</td> <td>Ref.</td> <td>Ref.</td>	Has second job	No	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
Wring time During the day Ref.		Yes						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Job Schedule:							
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Working time	During the day	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
working weekends (-1.264, 1.376) (-1.242, 0.396) (-1.829, 1.399) (-0.023, 1.07) (-0.014, 0.022) (-0.023, 0.059) Working weekends No weekend working Ref. C-0.953 -0.01 -0.022 -0.0664 -0.0023 weekend -0.01 -0.022 0.078 -0.001 -0.022 0.078 -0.011 (-0.021, 0.019) (-0.066, 0.025) 0.018 -0.019 (-0.021, 0.019) (-0.068, 0.022) Weekend -0.012 (-0.021, 0.019) (-0.068, 0.022) (-2.118, 1.75) (-1.144, 1.23) (-0.021, 0.019) (-0.068, 0.022) (-2.118, 1.75) (-1.144, 1.23) (-0.021, 0.019) (-0.064, 0.026) (-0.111, 0.02) (-2.011, 1.71) (-2.218, 0.739) (-0.014 (-0.021, 0.019) (-0.014, 0.026) (-0.111, 0.02) (-0.014, 0.026) (-0.111, 0.02) (-0.014, 0.026) (-0.011, 0.02) (-0.014, 0.026) (-0.014, 0.026) (-0.011, 0.02) (-0.014, 0.026) (-0.011, 0.02)		Night						
weekends Yes - some weekends -0.187 -0.463 -0.959 -0.953 -0.01 -0.022 Yes - most/every -0.864 -0.538 -0.32 0.078 -0.011 -0.023 weekend (-2.317, 0.588) (-1.716, 0.639) (-2.094, 1.454) (-1.01, 1.165) (-0.021, 0.019) (-0.068, 0.022) Working hours Less than 40 hours Ref. Ref. Ref. Ref. (-1.11, 1.171) (-2.211, 1.171) (-2.218, 1.759) (-1.144, 1.233) (-0.026, 0.016) (-0.111, -0.011) More than 40 hours -0.915 -1.621 -2.238 -0.939 -0.019 (-0.044, 0.006) (-0.111, 0.002) Autonomy and influence at work: -0.915 -1.621 -2.238 -0.939 -0.019 (-0.044, 0.006) (-0.111, 0.002) Managerial duties Not manager/supervisor Ref. Ref. Ref. Ref. Ref. Managerial duties Not manager/supervisor Ref. Ref. Ref. Ref. Ref. Managerial duties Not manager/supervisor		Rotating shifts						
(-1.408, 1.034) $(-1.453, 0.526)$ $(-2.45, 0.532)$ $(-1.867, -0.04)$ $(-0.026, 0.007)$ $(-0.006, 0.015)$ Working hour Kes dmad $(-2.317, 0.588)$ $(-1.716, 0.639)$ $(-2.094, 1.454)$ $(-1.11, 1.165)$ $(-0.021, 0.010)$ $(-0.028, 0.022)$ Working hour Less than 40 hours Ref.	e	No weekend working	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
weekend (-2.317, 0.588) (-1.716, 0.639) (-2.094, 1.454) (-1.01, 1.165) (-0.021, 0.019) (-0.068, 0.022) Working hours Less than 40 hours Ref. -0.054 -0.062 (-0.012, 0.017) (-0.028, 0.016) (-0.012, 0.017) (-0.012, 0.017) (-0.012, 0.019) (-0.012, 0.019) (-0.012, 0.019) (-0.012, 0.019) (-0.012, 0.017) (-0.012, 0.019) (-0.012, 0.019) (-0.012, 0.017) (-0.013, 0.012) (-0.015, 0.023)		Yes – some weekends						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		•						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Working hours	Less than 40 hours	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
(-2.706, 0.877) (-3.068, -0.174)* (-4.432, -0.045)* (-2.278, 0.399) (-0.044, 0.006) (-0.111, 0.02) Autonomy and influence at work: Not manager/supervisor Ref. <		40 hours						-0.062 (-0.112, -0.011)
Managerial duties Not manager/supervisor Ref. Cuo165,0.034 Cu033,0720 Cu034,0031 Cu037,0720 Cu034,0303 Cu037,073 Cu034,0303 C		More than 40 hours						
Foreman/supervisor 1.933 (0.163, 3.702) 0.972 (-0.496, 2.44) 1.505 (-0.703, 3.713) 0.471 (-0.875, 1.818) 0.009 (-0.016, 0.034) 0.015 (-0.043, 0.072) Manager -0.644 -0.014 -0.555 -0.301 -0.007 -0.033 (-0.079, 0.014) Iob autonomy (15, 20) High Ref. -0.054, 0.003) -0.057, -0.018) -0.012 -0.054, 0.009 (-0.079, 0.014) -0.079, 0.014) -0.079, 0.014) -0.079, 0.014) -0.079, 0.014 -0.018, 0.023 -0.079, 0.014 -0.019, 0.023 <	Autonomy and i	nfluence at work:						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Managerial duties	s Not manager/supervisor	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
(-2.082, 0.795) (-1.207, 1.179) (-2.351, 1.24) (-1.395, 0.794) (-0.028, 0.013) (-0.079, 0.014) Job autonomy (15, 20) High Ref. Ref. Ref. Ref. Ref. Ref. Ref. Ref.		Foreman/supervisor						
(10, 15) Medium 0.043 -0.878 -1.639 -1.295 -0.022 -0.088 (0, 10) Low -0.296 -0.458 -1.163 -0.854 0.003 -0.04 (-2.291, 1.7) (-2.073, 1.156) (-3.596, 1.27) (-2.355, 0.647) (-0.024, 0.031) (-0.101, 0.021) Occupational physical activity: OPA Not very active/Not at all Ref. Ref. Ref. Ref. Ref. Ref. Fairly Active -0.239 -0.44 -0.408 0.009 0.007 0.006 (-1.484, 1.006) (-1.448, 0.567) (-1.926, 1.11) (-0.931, 0.949) (-0.011, 0.024) (-0.033, 0.044) Very Active -0.448 -0.225 -1.067 0.306 0.002 0.007 Feelings regarding the job: Job satisfied/ Ref. (-0.019, 0.023) (-0.04, 0.054) (-0.04, 0.054)		Manager						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Job autonomy	(15, 20) High	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
(-2.291, 1.7) (-2.073, 1.156) (-3.596, 1.27) (-2.355, 0.647) (-0.024, 0.031) (-0.101, 0.021) Occupational physical activity: OPA Not very active/Not at all Ref. Ref. </td <td></td> <td>(10, 15) Medium</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-0.088 (-0.157, -0.018)</td>		(10, 15) Medium						-0.088 (-0.157, -0.018)
OPA Not very active/Not at all Ref.		(0, 10) Low						
Fairly Active -0.239 -0.44 -0.408 0.009 0.007 0.006 Very Active -0.448 .0.255 .1.10 (-0.931, 0.949) (-0.01, 0.024) (-0.033, 0.044) Very Active -0.448 -0.225 .1.067 0.306 0.002 0.007 Feelings regarding the job:	Occupational ph	ysical activity:						
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	OPA	Not very active/Not at all	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
(-1.954, 1.058) (-1.444, 0.993) (-2.903, 0.769) (-0.831, 1.443) (-0.019, 0.023) (-0.04, 0.054) Feelings regarding the job: Job satisfaction Neither Satisfied/ Dissatisfied Ref. Ref. Ref. Ref. Ref. Ref. Ref. Ref. Job satisfied Dissatisfied -2.062 0.123 0.653 -0.477 0.011 -0.01		Fairly Active						
Job satisfaction Neither Satisfied/ Ref. Ref. Ref. Ref. Ref. Ref. Ref. Ref.		Very Active						
Dissatisfied Dissatisfied -2.062 0.123 0.653 -0.477 0.011 -0.01	Feelings regardi	ng the job:						
	Job satisfaction		Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
		Dissatisfied						

	Satisfied	-1.604 (-4.152, 0.944)	-0.295 (-2.365, 1.776)	0.117 (-3.007, 3.241)	-0.317 (-2.248, 1.615)	0.006 (-0.03, 0.041)	-0.007 (-0.086, 0.072)
Job feelings	[6, 8) Positive	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	(8, 11) Average	-0.419 (-1.708, 0.871)	-0.776 (-1.817, 0.266)	-1.5 (-3.065, 0.066)	-0.715 (-1.688, 0.258)	-0.026 (-0.044, -0.009)*	-0.045 (-0.084, -0.005)
	(11, 30) Negative	-0.851 (-2.185, 0.483)	-0.757 (-1.835, 0.321)	-1.409 (-3.029, 0.211)	-0.199 (-1.205, 0.808)	-0.006 (-0.024, 0.012)	-0.009 (-0.05, 0.032)

Fully adjusted models for: BMI, alcohol consumption, educational level and smoking. *p-value < 0.05.

Supplementary Table 3. Women linear regression coefficient estimates with 95% confidence interval for the epigenetic age and pace of aging.

	Levels	HorvathAA	HannumAA	PhenoAA	GrimaAgeAA	DunedinPoAm	DunedinPACH
Current job class	ification:						
NS-SEC	Semi-routine, routine worked/LT unemployed	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Lower supervisory and technical	-2.781 (-5.505, -0.057)	-0.095 (-2.12, 1.93)	-3.119 (-6.506, 0.267)	0.738 (-1.23, 2.705)	-0.003 (-0.04, 0.034)	-0.01 (-0.08, 0.06)
	Small employers and own account	0.965 (-1.005, 2.936)	-0.324 (-1.789, 1.14)	-0.291 (-2.74, 2.159)	-0.512 (-1.935, 0.911)	0.002 (-0.024, 0.029)	-0.043 (-0.094, 0.007)
	Intermediate	-0.284 (-1.83, 1.262)	-0.92 (-2.069, 0.229)	-1.27 (-3.192, 0.653)	0.618 (-0.499, 1.734)	-0.012 (-0.033, 0.009)	-0.014 (-0.054, 0.025
	Management and professional	0.448 (-1.015, 1.911)	0.162 (-0.926, 1.25)	-0.564 (-2.383, 1.256)	-0.108 (-1.164, 0.949)	-0.023 (-0.042, -0.003)	-0.036 (-0.074, 0.001)
Job sector	Other type of organization	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Private firm or business, a limited company	0.523 (-0.664, 1.709)	0.328 (-0.531, 1.188)	0.274 (-1.153, 1.701)	0.024 (-0.809, 0.857)	0.005 (-0.011, 0.02)	0.008 (-0.022, 0.037)
Job stability:							
Status contract	A permanent job	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Not permanent job	0.476 (-1.922, 2.874)	1.155 (-0.603, 2.913)	0.009 (-2.939, 2.956)	1.149 (-0.561, 2.86)	0 (-0.032, 0.032)	0.023 (-0.038, 0.084
Status job	Paid employment (ft/pt)	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Self employed	0.683 (-0.889, 2.255)	-0.414 (-1.578, 0.75)	-0.081 (-2.03, 1.868)	-0.781 (-1.891, 0.328)	0.005 (-0.016, 0.026)	-0.019 (-0.059, 0.02)
	Unemployed	0.274 (-2.165, 2.712)	1.797 (-0.009, 3.603)	2.478 (-0.546, 5.502)	1.097 (-0.625, 2.819)	0.017 (-0.016, 0.05)	0.001 (-0.061, 0.062)
Job security	Unlikely to lose their job	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Likely to lose their job	1.204 (-0.875, 3.282)	0.373 (-1.152, 1.898)	2.677 (0.183, 5.171)	0.513 (-0.96, 1.986)	-0.003 (-0.031, 0.024)	0.02 (-0.032, 0.072)
Pay type	Salaried	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	paid by the hour	0.422 (-0.796, 1.64)	0.791 (-0.086, 1.668)	1.353 (-0.102, 2.807)	0.016 (-0.839, 0.87)	0.009 (-0.007, 0.025)	0.019 (-0.011, 0.049
Has second job	No	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Yes	-1.329 (-3.108, 0.45)	0.294 (-1.037, 1.624)	0.656 (-1.563, 2.876)	1.443 (0.186, 2.699) [*]	0.026 (0.002, 0.05)*	0.023 (-0.022, 0.067
Job schedule:							
Working time	During the day	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Night	0.92 (-1.829, 3.669)	2.223 (0.221, 4.224)*	4.445 (1.104, 7.786)*	3.302 (1.374, 5.229)*	0.067 $(0.032, 0.103)^*$	0.068 (-0.001, 0.138
	Rotating shifts	0.307 (-0.913, 1.527)	0.651 (-0.237, 1.539)	0.653 (-0.829, 2.136)	-0.265 (-1.121, 0.59)	0.006 (-0.01, 0.022)	-0.012 (-0.043, 0.019
Working weekends	No weekend working	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.

	Yes – some weekends	0.861	0.48	1.021	-0.369	0.003	0.002
	res some weekenus	(-0.29, 2.013)	(-0.37, 1.33)	(-0.398, 2.441)	(-1.197, 0.459)	(-0.013, 0.018)	(-0.027, 0.032)
	Yes – most/every weekend	1.223 (-0.235, 2.681)	0.16 (-0.916, 1.237)	0.681 (-1.115, 2.478)	0.025 (-1.023, 1.073)	-0.004 (-0.024, 0.016)	0.005 (-0.032, 0.043)
Working hours	Less than 40 hours	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	40 hours	0.561 (-1.746, 2.868)	0.815 (-0.854, 2.483)	1.559 (-1.211, 4.33)	0.914 (-0.7, 2.528)	0.031 (0.001, 0.061) [*]	0.026 (-0.031, 0.084)
	More than 40 hours	1.838 (-1.988, 5.663)	1.174 (-1.592, 3.94)	0.771 (-3.822, 5.365)	1.247 (-1.43, 3.924)	0.014 (-0.036, 0.063)	-0.021 (-0.116, 0.074)
Autonomy and infl	luence at work:						
Managerial duties	Not manager/supervisor	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Foreman/supervisor	-0.918 (-2.579, 0.743)	0.123 (-1.082, 1.327)	0.091 (-1.912, 2.094)	0.138 (-1.03, 1.305)	0.012 (-0.01, 0.034)	-0.006 (-0.048, 0.035)
	Manager	0.578 (-1.008, 2.164)	0.631 (-0.519, 1.781)	-0.353 (-2.265, 1.56)	-0.443 (1.557, 0.672)	-0.006 (-0.026, 0.015)	-0.008 (-0.047, 0.032)
Job autonomy:							
	(15, 20) High	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	(10, 15) Medium	-0.689 (-2.513, 1.134)	-0.473 (-1.811, 0.865)	-2.321 (-4.546, -0.096)	-0.858 (-2.157, 0.44)	-0.019 (-0.044, 0.005)	-0.071 (-0.117, -0.025)
	(0, 10) Low	-0.102 (-1.808, 1.603)	0.178 (-1.074, 1.429)	-0.974 (-3.054, 1.106)	-0.065 (-1.28, 1.149)	-0.011 (-0.033, 0.012)	-0.045 (-0.088, -0.003)
Occupational phys	ical activity:						
OPA	Not very active/ Not at all	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Fairly Active	-0.18 (-1.321, 0.961)	0.353 (-0.487, 1.194)	0.233 (-1.163, 1.629)	0.602 (-0.214, 1.418)	0.014 (-0.001, 0.029)	0.03 (0.001, 0.058)*
	Very Active	0.954 (-0.59, 2.498)	0.531 (-0.606, 1.669)	2.046 (0.157, 3.936)*	0.39 (-0.715, 1.495)	0.024 (0.003, 0.044)*	0.056 (0.017, 0.095)*
Feelings regarding	the job:						
Job satisfaction	Neither Satisfied/Dissatisfied	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	Dissatisfied	-0.468 (-3.071, 2.135)	-0.378 (-2.299, 1.542)	-3.865 (-7.024, -0.706)*	1.299 (-0.564, 3.162)	-0.01 (-0.045, 0.025)	-0.028 (-0.094, 0.038)
	Satisfied	0.695 (-1.427, 2.817)	-0.35 (-1.916, 1.215)	-0.758 (-3.333, 1.818)	0.857 (-0.661, 2.376)	-0.018 (-0.046, 0.01)	-0.047 (-0.101, 0.007)
Job feelings	(6, 8) Positive	Ref.	Ref.	Ref.	Ref.	Ref.	Ref.
	(8, 11) Average	0.242 (-1.082, 1.565)	0.207 (-0.766, 1.181)	0.221 (-1.406, 1.849)	0.002 (-0.946, 0.949)	-0.004 (-0.022, 0.014)	-0.008 (-0.042, 0.026)
	(11, 30) Negative	-0.163 (-1.366, 1.04)	0.067 (-0.818, 0.952)	-0.052 (-1.532, 1.428)	-0.141 (1.002, 0.721)	-0.008 (-0.024, 0.008)	0.008 (-0.023, 0.038)

Fully adjusted models for: BMI, alcohol consumption, educational level and smoking. *p-value < 0.05.