

SUPPLEMENTARY TABLES

Supplementary Table 1A. Bivariate associations between each SES indicator with biological age and biological age acceleration – Total sample.

Indicators of SES	Biological age; <i>r</i> (<i>P</i> value)	Biological age acceleration; <i>r</i> (<i>P</i> value)
Housing type	0.191 (<0.001^{***})	0.127 (0.007^{**})
Education level	0.104 (0.022[*])	0.013 (0.402)
Longest occupational role	-0.059 (0.126)	-0.079 (0.063)
Income level	-0.008 (0.444)	-0.002 (0.484)
Perceived income adequacy	-0.042 (0.209)	-0.014 (0.392)

Supplementary Table 1B. Bivariate associations between each SES indicator with biological age and biological age acceleration – Men.

Indicators of SES	Biological age; <i>r</i> (<i>P</i> value)	Biological age acceleration; <i>r</i> (<i>P</i> value)
Housing type	0.117 (0.095)	0.138 (0.061)
Education level	0.140 (0.059)	0.081 (0.182)
Longest occupational role	-0.181 (0.021[*])	-0.173 (0.026[*])
Income level	0.152 (0.048[*])	0.153 (0.047[*])
Perceived income adequacy	-0.124 (0.083)	-0.079 (0.190)

Supplementary Table 1C. Bivariate associations between each SES indicator with biological age and biological age acceleration – Women.

Indicators of SES	Biological age; <i>r</i> (<i>P</i> value)	Biological age acceleration; <i>r</i> (<i>P</i> value)
Housing type	0.183 (0.002^{**})	0.135 (0.017[*])
Education level	0.122 (0.027[*])	-0.023 (0.359)
Longest occupational role	-0.034 (0.299)	-0.005 (0.468)
Income level	-0.085 (0.099)	-0.073 (0.135)
Perceived income adequacy	-0.027 (0.334)	0.018 (0.388)

Supplementary Table 2A. Associations between housing type and biological age/biological age acceleration – Total sample – Extension of Table 2 with all covariates and standardized β presented.

Models		Biological age			Biological age acceleration		
		β (95% CI)	Standardized β	P value	β (95% CI)	Standardized β	P value
Total Sample							
1	Housing Type	0.263 (0.12 to 0.406)	0.191	< 0.001 ^{***}	0.156 (0.027 to 0.285)	0.127	0.018 [*]
2	Housing Type	0.173 (0.024 to 0.323)	0.126	0.023 [*]	0.166 (0.028 to 0.305)	0.135	0.019 [*]
	chronological age	0.017 (0.009 to 0.025)	0.219	< 0.001 ^{***}	0 (-0.007 to 0.008)	0.001	0.98
	sex	-0.12 (-0.259 to 0.019)	-0.09	0.091	0.06 (-0.069 to 0.189)	0.05	0.361
	ethnicity	-0.03 (-0.206 to 0.145)	-0.018	0.733	-0.025 (-0.187 to 0.138)	-0.016	0.767
3	Housing Type	0.199 (0.038 to 0.36)	0.145	0.015 [*]	0.183 (0.033 to 0.334)	0.149	0.017 [*]
	chronological age	0.016 (0.008 to 0.025)	0.207	< 0.001 ^{***}	0 (-0.008 to 0.009)	0.005	0.936
	sex	-0.154 (-0.299 to -0.01)	-0.116	0.037 [*]	0.041 (-0.093 to 0.176)	0.035	0.546
	ethnicity	-0.032 (-0.218 to 0.155)	-0.019	0.738	-0.012 (-0.186 to 0.162)	-0.008	0.893
	marital status	0.012 (-0.124 to 0.148)	0.009	0.863	0.022 (-0.105 to 0.149)	0.019	0.736
	education level	0.038 (-0.109 to 0.186)	0.03	0.609	-0.018 (-0.155 to 0.12)	-0.016	0.8
	longest occupational role	-0.157 (-0.388 to 0.074)	-0.074	0.182	-0.135 (-0.35 to 0.081)	-0.071	0.22
	income level	-0.086 (-0.24 to 0.067)	-0.06	0.269	-0.035 (-0.178 to 0.109)	-0.027	0.636
	perceived income adequacy	-0.064 (-0.204 to 0.077)	-0.049	0.372	-0.031 (-0.162 to 0.1)	-0.027	0.644
4	Housing Type	0.193 (0.032 to 0.354)	0.14	0.019 [*]	0.18 (0.029 to 0.331)	0.146	0.02 [*]
	chronological age	0.017 (0.008 to 0.026)	0.218	< 0.001 ^{***}	0.001 (-0.008 to 0.009)	0.01	0.867
	sex	-0.204 (-0.357 to -0.052)	-0.154	0.009 ^{**}	0.016 (-0.127 to 0.159)	0.014	0.825
	ethnicity	0.042 (-0.152 to 0.237)	0.025	0.668	0.026 (-0.157 to 0.208)	0.017	0.782
	marital status	-0.008 (-0.144 to 0.129)	-0.006	0.909	0.011 (-0.117 to 0.139)	0.01	0.863
	education level	0.017 (-0.132 to 0.166)	0.013	0.822	-0.03 (-0.169 to 0.11)	-0.026	0.676
	longest occupational role	-0.162 (-0.392 to 0.069)	-0.076	0.169	-0.136 (-0.352 to 0.081)	-0.072	0.219
	income level	-0.112 (-0.267 to 0.043)	-0.077	0.155	-0.048 (-0.193 to 0.097)	-0.037	0.518
	perceived income adequacy	-0.057 (-0.199 to 0.084)	-0.044	0.427	-0.027 (-0.16 to 0.106)	-0.023	0.692
	BMI	0.016 (0.001 to 0.031)	0.121	0.032 [*]	0.008 (-0.006 to 0.022)	0.068	0.25
	smoking status	-0.073 (-0.31 to 0.163)	-0.034	0.542	-0.03 (-0.253 to 0.192)	-0.016	0.789
	alcohol drinker	-0.081 (-0.282 to 0.121)	-0.043	0.432	-0.053 (-0.242 to 0.137)	-0.032	0.585
5	Housing Type	0.189 (0.027 to 0.35)	0.137	0.022 [*]	0.178 (0.027 to 0.33)	0.145	0.021 [*]
	chronological age	0.017 (0.008 to 0.026)	0.219	< 0.001 ^{***}	0.001 (-0.008 to 0.009)	0.012	0.847
	sex	-0.204 (-0.358 to -0.051)	-0.153	0.009 ^{**}	0.014 (-0.13 to 0.157)	0.011	0.853
	ethnicity	0.027 (-0.168 to 0.222)	0.016	0.786	0.012 (-0.171 to 0.195)	0.008	0.895
	marital status	-0.014 (-0.151 to 0.123)	-0.011	0.837	0.007 (-0.122 to 0.135)	0.006	0.92
	education level	0.02 (-0.128 to 0.168)	0.016	0.792	-0.026 (-0.165 to 0.113)	-0.023	0.716
	longest occupational role	-0.18 (-0.412 to 0.051)	-0.085	0.126	-0.157 (-0.373 to 0.06)	-0.083	0.155
	income level	-0.114 (-0.269 to 0.041)	-0.079	0.148	-0.052 (-0.197 to 0.093)	-0.04	0.481
	perceived income adequacy	-0.068 (-0.21 to 0.074)	-0.053	0.347	-0.039 (-0.172 to 0.094)	-0.033	0.568
	BMI	0.017 (0.002 to 0.031)	0.127	0.025 [*]	0.009 (-0.005 to 0.023)	0.075	0.201
	smoking status	-0.058 (-0.295 to 0.179)	-0.027	0.63	-0.015 (-0.237 to 0.207)	-0.008	0.894
	alcohol drinker	-0.083 (-0.284 to 0.118)	-0.044	0.416	-0.055 (-0.244 to 0.133)	-0.033	0.563
	social activity levels	-0.091 (-0.179 to -0.002)	-0.108	0.046 [*]	-0.092 (-0.176 to -0.009)	-0.123	0.03 [*]
	physical activity levels	0.031 (-0.043 to 0.105)	0.045	0.407	0.041 (-0.028 to 0.111)	0.067	0.243

*indicates $p < 0.05$, **indicates $p < 0.01$, and ***indicates $p < 0.001$. Abbreviations: 95% CI: 95% confidence interval; BMI: body-mass index.

Supplementary Table 2B. Associations between housing type and biological age/biological age acceleration – Men subgroup analyses – Extension of Table 2 with all covariates and standardized β presented.

Models		Biological Age			Biological Age Acceleration			
		β (95% CI)	Standardized β	P value	β (95% CI)	Standardized β	P value	
Total sample								
1	Housing Type	0.188 (-0.104 to 0.479)	0.117	0.204	0.202 (-0.064 to 0.467)	0.138	0.135	
2	Housing Type	0.148 (-0.144 to 0.44)	0.092	0.318	0.192 (-0.079 to 0.463)	0.131	0.163	
	chronological age	0.014 (0 to 0.027)	0.188	0.043*	0.001 (-0.011 to 0.013)	0.019	0.837	
	ethnicity	-0.046 (-0.326 to 0.234)	-0.03	0.746	-0.048 (-0.307 to 0.212)	-0.034	0.716	
3	Housing Type	0.101 (-0.201 to 0.404)	0.063	0.508	0.154 (-0.13 to 0.438)	0.105	0.285	
	chronological age	0.015 (0.001 to 0.028)	0.203	0.035*	0.002 (-0.01 to 0.015)	0.034	0.725	
	ethnicity	-0.09 (-0.385 to 0.205)	-0.058	0.548	-0.085 (-0.361 to 0.192)	-0.06	0.544	
	marital status	-0.042 (-0.264 to 0.179)	-0.037	0.705	-0.022 (-0.23 to 0.185)	-0.021	0.832	
	education level	0.033 (-0.19 to 0.257)	0.029	0.768	0.001 (-0.209 to 0.211)	0.001	0.993	
	longest occupational role	-0.236 (-0.515 to 0.042)	-0.165	0.095	-0.189 (-0.45 to 0.072)	-0.144	0.153	
	income level	0.182 (-0.078 to 0.442)	0.136	0.168	0.175 (-0.069 to 0.418)	0.143	0.158	
	perceived income adequacy	-0.102 (-0.33 to 0.125)	-0.089	0.374	-0.077 (-0.29 to 0.136)	-0.074	0.475	
	4	Housing Type	0.109 (-0.188 to 0.405)	0.068	0.468	0.155 (-0.126 to 0.436)	0.106	0.277
chronological age		0.016 (0.003 to 0.029)	0.222	0.02*	0.004 (-0.009 to 0.016)	0.056	0.567	
ethnicity		-0.016 (-0.308 to 0.276)	-0.01	0.913	-0.031 (-0.308 to 0.247)	-0.022	0.827	
marital status		-0.053 (-0.269 to 0.162)	-0.047	0.623	-0.033 (-0.237 to 0.171)	-0.032	0.749	
education level		0.049 (-0.171 to 0.269)	0.043	0.658	0.013 (-0.196 to 0.222)	0.012	0.904	
longest occupational role		-0.271 (-0.542 to 0)	-0.189	0.05	-0.214 (-0.472 to 0.043)	-0.163	0.102	
income level		0.106 (-0.15 to 0.362)	0.079	0.413	0.116 (-0.128 to 0.359)	0.095	0.348	
perceived income adequacy		-0.042 (-0.267 to 0.184)	-0.037	0.714	-0.031 (-0.245 to 0.183)	-0.03	0.775	
BMI		0.039 (0.012 to 0.066)	0.26	0.006*	0.033 (0.007 to 0.059)	0.242	0.013*	
smoking status		-0.102 (-0.363 to 0.159)	-0.073	0.442	-0.048 (-0.296 to 0.2)	-0.038	0.701	
alcohol drinker		0.049 (-0.195 to 0.292)	0.036	0.693	0.036 (-0.195 to 0.267)	0.029	0.756	
5		Housing Type	0.108 (-0.189 to 0.405)	0.068	0.471	0.154 (-0.127 to 0.436)	0.105	0.28
		chronological age	0.016 (0.002 to 0.029)	0.219	0.022*	0.003 (-0.009 to 0.016)	0.051	0.601
	ethnicity	-0.05 (-0.349 to 0.248)	-0.033	0.739	-0.055 (-0.338 to 0.228)	-0.039	0.702	
	marital status	-0.057 (-0.276 to 0.161)	-0.05	0.605	-0.026 (-0.233 to 0.181)	-0.025	0.802	
	education level	0.038 (-0.183 to 0.259)	0.033	0.734	0.005 (-0.205 to 0.215)	0.005	0.964	
	longest occupational role	-0.282 (-0.554 to -0.009)	-0.196	0.043*	-0.222 (-0.48 to 0.037)	-0.169	0.092	
	income level	0.106 (-0.152 to 0.364)	0.079	0.416	0.109 (-0.136 to 0.353)	0.089	0.381	
	perceived income adequacy	-0.083 (-0.32 to 0.154)	-0.072	0.49	-0.078 (-0.303 to 0.147)	-0.075	0.492	
	BMI	0.039 (0.012 to 0.067)	0.263	0.005**	0.033 (0.007 to 0.059)	0.242	0.013*	
	smoking status	-0.094 (-0.355 to 0.168)	-0.067	0.479	-0.042 (-0.29 to 0.206)	-0.033	0.737	
	alcohol drinker	0.04 (-0.205 to 0.285)	0.029	0.748	0.034 (-0.199 to 0.266)	0.027	0.775	
	social activity levels	-0.089 (-0.233 to 0.055)	-0.117	0.221	-0.071 (-0.207 to 0.065)	-0.102	0.304	
	physical activity levels	0.041 (-0.085 to 0.166)	0.061	0.523	0.069 (-0.05 to 0.188)	0.113	0.252	

*indicates $p < 0.05$, **indicates $p < 0.01$, and ***indicates $p < 0.001$. Abbreviations: 95% CI: 95% confidence interval; BMI: body-mass index.

Supplementary Table 2C. Associations between housing type and biological age/biological age acceleration – Women subgroup analyses – Extension of Table 2 with all covariates and standardized β presented.

Models		Biological Age			Biological Age Acceleration		
		β (95% CI)	Standardized β	P value	β (95% CI)	Standardized β	P value
Total sample							
1	Housing Type	0.246 (0.073 to 0.419)	0.183	0.006**	0.162 (0.006 to 0.319)	0.135	0.042*
2	Housing Type	0.176 (−0.003 to 0.355)	0.131	0.054	0.163 (−0.004 to 0.329)	0.135	0.055
	chronological age	0.019 (0.009 to 0.03)	0.236	<0.001***	−0.001 (−0.01 to 0.009)	−0.009	0.898
	ethnicity	−0.032 (−0.261 to 0.196)	−0.019	0.782	−0.009 (−0.222 to 0.203)	−0.006	0.932
3	Housing Type	0.256 (0.062 to 0.45)	0.191	0.01**	0.218 (0.036 to 0.4)	0.181	0.019*
	chronological age	0.02 (0.009 to 0.032)	0.252	0.001***	0.002 (−0.009 to 0.013)	0.024	0.759
	ethnicity	−0.017 (−0.26 to 0.227)	−0.01	0.893	0.027 (−0.201 to 0.255)	0.018	0.814
	marital status	0.091 (−0.085 to 0.267)	0.069	0.309	0.077 (−0.089 to 0.242)	0.065	0.362
	education level	0 (−0.201 to 0.201)	0	0.999	−0.058 (−0.247 to 0.13)	−0.049	0.542
	longest occupational role	0.037 (−0.365 to 0.439)	0.012	0.858	−0.011 (−0.387 to 0.366)	−0.004	0.954
	income level	−0.229 (−0.424 to −0.035)	−0.155	0.021*	−0.145 (−0.328 to 0.037)	−0.109	0.118
	perceived income adequacy	−0.03 (−0.21 to 0.149)	−0.022	0.74	0.007 (−0.162 to 0.175)	0.005	0.939
4	Housing Type	0.259 (0.065 to 0.452)	0.193	0.009**	0.221 (0.039 to 0.403)	0.183	0.018*
	chronological age	0.02 (0.008 to 0.032)	0.247	0.001**	0.001 (−0.01 to 0.012)	0.014	0.857
	ethnicity	0.048 (−0.211 to 0.308)	0.028	0.714	0.038 (−0.206 to 0.282)	0.024	0.76
	marital status	0.079 (−0.099 to 0.256)	0.06	0.383	0.079 (−0.087 to 0.246)	0.067	0.349
	education level	−0.036 (−0.239 to 0.166)	−0.027	0.723	−0.076 (−0.267 to 0.115)	−0.063	0.436
	longest occupational role	0.081 (−0.322 to 0.484)	0.027	0.692	0.02 (−0.359 to 0.4)	0.008	0.915
	income level	−0.273 (−0.47 to −0.075)	−0.184	0.007**	−0.169 (−0.355 to 0.017)	−0.128	0.074
	perceived income adequacy	−0.01 (−0.192 to 0.172)	−0.007	0.913	0.026 (−0.145 to 0.197)	0.021	0.763
	BMI	0.008 (−0.01 to 0.025)	0.06	0.397	0 (−0.017 to 0.016)	−0.004	0.956
	smoking status	0.23 (−0.239 to 0.699)	0.063	0.334	0.275 (−0.167 to 0.717)	0.083	0.221
	alcohol drinker	−0.361 (−0.683 to −0.039)	−0.151	0.028**	−0.251 (−0.555 to 0.052)	−0.117	0.104
5	Housing Type	0.249 (0.054 to 0.444)	0.185	0.013*	0.209 (0.026 to 0.392)	0.173	0.026*
	chronological age	0.02 (0.008 to 0.032)	0.248	0.001**	0.001 (−0.01 to 0.012)	0.016	0.841
	ethnicity	0.032 (−0.229 to 0.294)	0.019	0.807	0.019 (−0.226 to 0.264)	0.012	0.877
	marital status	0.073 (−0.105 to 0.25)	0.055	0.421	0.072 (−0.094 to 0.239)	0.061	0.393
	education level	−0.029 (−0.232 to 0.174)	−0.022	0.779	−0.067 (−0.257 to 0.123)	−0.056	0.489
	longest occupational role	0.066 (−0.338 to 0.471)	0.022	0.746	0.004 (−0.376 to 0.384)	0.001	0.984
	income level	−0.27 (−0.469 to −0.072)	−0.183	0.008**	−0.166 (−0.352 to 0.019)	−0.125	0.079
	perceived income adequacy	−0.008 (−0.189 to 0.173)	−0.006	0.933	0.029 (−0.141 to 0.199)	0.024	0.739
	BMI	0.008 (−0.01 to 0.026)	0.063	0.371	<0.001 (−0.017 to 0.017)	<0.001	0.995
	smoking status	0.285 (−0.187 to 0.757)	0.077	0.235	0.339 (−0.104 to 0.782)	0.103	0.133
	alcohol drinker	−0.354 (−0.676 to −0.032)	−0.148	0.031*	−0.243 (−0.545 to 0.059)	−0.113	0.114
	social activity levels	−0.101 (−0.214 to 0.012)	−0.116	0.081	−0.117 (−0.223 to −0.011)	−0.15	0.031*
	physical activity levels	0.021 (−0.071 to 0.114)	0.031	0.651	0.024 (−0.063 to 0.111)	0.038	0.59

*indicates $p < 0.05$, **indicates $p < 0.01$, and ***indicates $p < 0.001$. Abbreviations: 95% CI: 95% confidence interval; BMI: body-mass index.