Work and life: the relative importance of job quality for general well-being, and implications for social surveys

Article

Supplemental Material

Full Regression Results by Datasets

A. European Working Conditions Survey (EWCS)

B. Korean Working Conditions Survey (KWCS)

C. American Working Conditions Survey (AWCS)

D. Skills and Employment Survey in the UK (SES)

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A. European Working Conditions Survey (EWCS)

Table A1. Effect of Job Quality on WHO-5 Well-being Index

	Male	Female	All
	WHO-5	WHO-5	WHO-5
Earnings	-0.000*	0.000	0.000*
Prospect	0.114*	0.123*	0.118*
Skill and Discretion	0.099*	0.064*	0.081*
Good Physical Environment	0.045*	0.120*	0.044*
Good Social Environment	0.168*	0.156*	0.166*
Work Intensity Index	-0.155*	-0.184*	-0.178*
Working Time Quality	0.141*	0.069*	0.103*
Constant	35.742*	33.929*	37.878*
Observations	16,696	16,953	33,649
R^2	0.152	0.145	0.145
Adjusted R^2	0.152	0.144	0.144
Mean of WHO-5	68.7	66.4	67.6
SD of WHO-5	20.0	20.7	20.3

*Note: * p<0.05; The corresponding table is Table 2. The R^2 in this table are shown in row 0.*

Table A2. Effect of Non-Work Factors and Job Quality on WHO-5 Well-being Index

	Non-work Factors			Non-work Factors + Job Quality		
	Male	Female	All	Male	Female	All
	WHO-5	WHO-5	WHO-5	WHO-5	WHO-5	WHO-5
Earnings				0.0	-0.0	0.0
Prospect				0.1*	0.1*	0.1*
SD				0.1*	0.1*	0.1*
Physical Env				0.0*	0.0*	0.0*
Social Env				0.1*	0.1*	0.1*
Work Intensity				-0.1*	-0.1*	-0.1*
WTQ				0.1*	0.1*	0.1*
Partnered	-0.1	-0.8*	-0.6*	-0.0	-0.1	-0.1
Physical Health	10.2*	10.6*	10.4*	8.2*	8.5*	8.4*
Age	0.1*	0.1*	0.1*	0.1*	0.1*	0.1*
Age squared	-0.0*	-0.0*	-0.0*	-0.0*	-0.0*	-0.0*
Education	0.0	0.1	0.1	-0.1	0.1	-0.0
Industry	Yes	Yes	Yes	Yes	Yes	Yes
Occupation	Yes	Yes	Yes	Yes	Yes	Yes
Constant	26.1*	36.6*	27.3*	9.4*	16.8*	11.1*
Observations	21,754	21,511	43,265	16,521	16,860	33,381
R^2	0.147	0.162	0.154	0.245	0.246	0.245
Adjusted R^2	0.141	0.156	0.151	0.240	0.240	0.242

*Note: *p<0.05; The corresponding table is Table 2. The R^2 for non-work factors in the first three columns show the R^2 for 'All variables above, except job quality' in row 11. The R^2 for non-work factors + job quality in the last three columns represent the R^2 for 'All variables' in row 12.*

Table A3. Effect sizes: compare job quality to nonwork factors (1)

	Males	Females	All
	WHO-5	WHO-5	WHO-5
JQdecile_dummy1	-16.1*	-16.3*	-15.7*
JQdecile_dummy234	-6.7*	-6.4*	-6.3*
JQdecile_dummy789	2.0*	4.3*	3.2*
JQdecile_dummy10	6.0*	9.0*	7.6*
Constant	71.4*	67.4*	69.4*
Observations	16,696	16,953	33,649

*Note: *p<0.05; The corresponding table is Table 3, rows 1 and 2. The coefficient estimates for pcajqdecile_dummy10 and pcajqdecile_dummy1 in this table represent the effect size of the job quality distribution: top vs median (row 1) and median vs. bottom (row 2).*

Table A4. Effect sizes: compare job quality to nonwork factors (2)

	Male	Female	All	Male	Female	All
	WHO-5	WHO-5	WHO-5	WHO-5	WHO-5	WHO-5
Partnered	1.78*	0.75*	1.25*			
Young Child				-0.93*	-0.87*	-1.05*
Constant	67.24*	65.64*	66.54*	69.20*	67.14*	68.32*
Observations	37,910	35,140	73,050	22,052	21,695	43,747
R^2	0.000	0.001	0.000	0.000	0.001	0.001
Adjusted R^2	0.000	0.000	0.000	0.000	0.000	0.001

*Note: *p<0.05; The corresponding table is Table 3. The coefficient estimates for 'Partnered' and 'Young Child' represent the effect size of 'Partnered vs. Single' and 'Any children under 16' in row 4 and 5, respectively.*

	Male	Female	All	Male	Female	All
	WHO-5	WHO-5	WHO-5	WHO-5	WHO-5	WHO-5
Physical Health	14.42*	16.80*	15.55*			
Age				-1.62*	-2.47*	-2.02*
Constant	56.01*	52.53*	54.38*	67.88*	66.25*	67.15*
Observations	44,670	42,636	87,306	44,740	42,683	87,423
R^2	0.137	0.146	0.141	0.002	0.003	0.002
Adjusted R^2	0.081	0.112	0.095	0.001	0.003	0.002

*Note: * p<0.05; The corresponding table is Table 3. The coefficient estimates for 'Physical Health' and 'Age' represent the effect size of 'Physical Health' and 'Age dummy' in row 6 and 7, respectively.*

	Male	Female	All	All
	WHO-5	WHO-5	WHO-5	WHO-5
Education	2.50*	1.88*	2.06*	
Female				-1.85*
Constant	66.71*	64.92*	65.95*	67.47*
Observations	43,623	41,667	85,290	87,423
R^2	0.004	0.013	0.006	0.000
Adjusted R^2	0.003	0.013	0.002	0.000

*Note: * p<0.05; The corresponding table is Table 3. The coefficient estimates for 'Education' and 'Female' represent the effect size of 'Education' and 'Female vs. Male' in row 8 and 3, respectively.*

B. Korean Working Conditions Survey (KWCS)

Table B1. Effect of Job Quality on WHO-5 Well-being Index

	Male	Female	All
VARIABLES	WHO-5	WHO-5	WHO-5
Earnings	-0.000	0.006*	-0.002
	(0.002)	(0.002)	(0.001)
Prospect	0.112*	0.080*	0.103*
	(0.014)	(0.015)	(0.010)
Skills and Discretion	0.062*	0.042*	0.056*
	(0.013)	(0.014)	(0.010)
Good Physical Environment	-0.051*	-0.098*	-0.053*
	(0.016)	(0.021)	(0.013)
Good Social Environment	0.491*	0.440*	0.458*
	(0.016)	(0.016)	(0.011)
Work Intensity	-0.092*	-0.147*	-0.114*
	(0.015)	(0.015)	(0.011)
Working Time Quality	0.013	0.015	0.018
	(0.015)	(0.015)	(0.011)
Constant	19.901*	32.666*	24.952*
	(1.901)	(2.248)	(1.436)
Observations	8,526	8,671	17,197
R^2	0.149	0.121	0.132
Adjusted R^2	0.148	0.120	0.131
Mean of WHO-5	56.29	56.47	56.38
SD of WHO-5	20.68	20.58	20.62

*Note: Standard errors in parentheses; * p<0.05; The corresponding table is Table 2. The R^2 in this table are shown in row 0.*

Table B2. Effect of Non-work Factors and Job Quality on WHO-5 Well-being Index

	Non-work Factors			Non-work Factors + Job Quality		
	Male	Female	All	Male	Female	All
VARIABLES	WHO-5	WHO-5	WHO-5	WHO-5	WHO-5	WHO-5
Earnings				0.006***	0.002	0.000
				(0.002)	(0.002)	(0.001)
Prospect				0.058***	0.046***	0.056***
				(0.014)	(0.015)	(0.010)
SD				0.081***	0.027	0.048***
				(0.018)	(0.019)	(0.013)
Physical Env				-0.135***	-0.172***	-0.140***
				(0.017)	(0.022)	(0.014)
Social Env				0.428***	0.391***	0.406***
				(0.016)	(0.016)	(0.011)
Work Intensity				-0.090***	-0.135***	-0.107***
				(0.014)	(0.015)	(0.010)
WTQ				0.031**	0.043***	0.041***
				(0.016)	(0.016)	(0.011)
Partnered	1.249**	1.744***	1.603***	0.776	1.684***	1.546***
	(0.558)	(0.490)	(0.365)	(0.533)	(0.468)	(0.348)
Young Child	-1.165**	-1.314**	-1.439***	-1.418**	-1.469***	-1.679***
(<16yrs)	(0.584)	(0.553)	(0.398)	(0.552)	(0.531)	(0.379)
1. Physical Health	0.000	0.000	0.000	0.000	0.000	0.000
	(.)	(.)	(.)	(.)	(.)	(.)
2. Physical Health	-9.862***	-9.285***	-9.591***	-7.863***	-7.772***	-7.752***
	(0.684)	(0.784)	(0.514)	(0.652)	(0.752)	(0.493)

3. Physical Health	-18.630***	-17.435***	-18.031***	-14.369***	-13.949***	-14.095***
	(0.786)	(0.861)	(0.578)	(0.764)	(0.838)	(0.563)
4. Physical Health	-28.269***	-30.321***	-29.450***	-20.874***	-25.291***	-23.278***
	(1.528)	(1.443)	(1.041)	(1.478)	(1.399)	(1.010)
5. Physical Health	-48.415***	-31.637***	-39.423***	-44.607***	-24.366***	-33.922***
	(5.022)	(4.873)	(3.493)	(4.751)	(4.659)	(3.328)
Age	-0.414***	-0.037	-0.142*	-0.574***	-0.069	-0.172**
	(0.113)	(0.122)	(0.080)	(0.112)	(0.118)	(0.077)
Age squared	0.004***	0.000	0.001	0.005***	0.000	0.001
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
1. Education	0.000	0.000	0.000	0.000	0.000	0.000
	(.)	(.)	(.)	(.)	(.)	(.)
2. Education	-0.609	-3.278	-3.350*	2.175	-3.428*	-2.912
	(4.751)	(2.142)	(1.907)	(4.493)	(2.044)	(1.815)
3. Education	4.103	-4.670**	-2.713	6.854	-4.512**	-1.937
	(4.672)	(2.186)	(1.884)	(4.421)	(2.087)	(1.795)
4. Education	5.074	-3.010	-1.584	6.421	-3.170	-1.462
	(4.648)	(2.232)	(1.881)	(4.400)	(2.132)	(1.794)
5. Education	7.296	-1.740	-0.040	8.012*	-1.948	-0.199
	(4.690)	(2.334)	(1.934)	(4.443)	(2.233)	(1.848)
6. Education	8.394*	0.197	1.329	8.343*	-0.852	0.310
	(4.689)	(2.342)	(1.936)	(4.446)	(2.249)	(1.855)
7. Education	11.804**	-0.313	3.032	9.554**	-1.509	0.958
	(4.826)	(2.738)	(2.130)	(4.589)	(2.649)	(2.055)
Industry	Yes	Yes	Yes	Yes	Yes	Yes
Occupation	Yes	Yes	Yes	Yes	Yes	Yes
Constant	74.272***	86.340***	77.077***	45.956***	70.478***	54.155***
	(6.720)	(7.393)	(3.919)	(6.723)	(7.523)	(4.082)
Observation	8,526	8,671	17,197	8,526	8,671	17,197
R^2	0.125	0.106	0.112	0.219	0.187	0.196
Adjusted R^2	0.121	0.102	0.110	0.214	0.182	0.194

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 2. The adjusted R^2 for non-work factors in the first three columns show the R^2 for 'All variables above, except job quality' in row 11. The R^2 for non-work factors + job quality in the last three columns represent the R^2 for 'All variables' in row 12.*

Table B3. Effect sizes: compare job quality to nonwork factors (1)

	Male	Female	All
	WHO well-being index	WHO well-being index	WHO well-being index
pcajqdecile_dummy1	-8.312***	-9.776***	-9.209***
	(0.809)	(0.786)	(0.564)
pcajqdecile_dummy2	-2.986***	-5.688***	-4.457***
	(0.844)	(0.756)	(0.564)
pcajqdecile_dummy3	-3.324***	-3.347***	-3.266***
	(0.853)	(0.750)	(0.564)
pcajqdecile_dummy4	-0.654	-2.240***	-1.535***
	(0.834)	(0.764)	(0.564)
pcajqdecile_dummy7	3.043***	0.704	1.762***
	(0.836)	(0.762)	(0.564)
pcajqdecile_dummy8	4.055***	2.085***	2.929***
	(0.817)	(0.778)	(0.564)
pcajqdecile_dummy9	6.430***	5.319***	5.583***
	(0.783)	(0.820)	(0.564)
pcajqdecile_dummy10	9.767***	7.593***	8.306***
	(0.736)	(0.936)	(0.564)
Constant	56.835***	60.157***	58.650***

	(0.484)	(0.439)	(0.326)
Observation	8,533	8,679	17,212

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3, rows 1 and 2. The coefficient estimates for pcajqdecile_dummy10 and pcajqdecile_dummy1 represent the effect size of the job quality distribution: top vs median (row 1) and median vs. bottom (row 2)*

Table B4. Effect sizes: compare job quality to nonwork factors (2)

	Male	Female	All	Male	Female	All
	WHO-5	WHO-5	WHO-5	WHO-5	WHO-5	WHO-5
Partnered	-0.82	1.15*	0.19			
	(0.43)	(0.43)	(0.31)			
Young Child				0.16	1.41*	0.70*
(<16yrs)				(0.48)	(0.49)	(0.34)
Constant	58.62*	58.48*	58.55*	58.10*	58.83*	58.48*
	(0.33)	(0.33)	(0.23)	(0.25)	(0.24)	(0.17)
Observations	8,526	8,671	17,197	8,526	8,671	17,197
R^2	0.000	0.001	0.000	0.000	0.001	0.000
Adjusted R^2	0.000	0.001	-0.000	0.000	0.001	0.000

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'Partnered' and 'Young Child' represent the effect size of 'Partnered vs. Single' and 'Any children under 16' in row 4 and 5, respectively.*

	Male	Female	All	Male	Female	All
	WHO-5	WHO-5	WHO-5	WHO-5	WHO-5	WHO-5
Physical Health	12.26*	11.13*	11.60*			
(Good vs. Poor)	(0.48)	(0.45)	(0.33)			
Age				-0.60	-0.43	-0.46
(45-54 vs. Rest)				(0.53)	(0.49)	(0.36)
Constant	48.96*	51.24*	50.18*	58.27*	59.27*	58.76*
	(0.41)	(0.38)	(0.28)	(0.24)	(0.24)	(0.17)
Observations	8,526	8,671	17,197	8,526	8,671	17,197
R^2	0.072	0.066	0.068	0.000	0.000	0.000
Adjusted R^2	0.072	0.066	0.068	0.000	-0.000	0.000

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'Physical Health' and 'Age' represent the effect size of 'Physical Health' and 'Age dummy' in row 6 and 7, respectively.*

	Male	Female	All	All
	WHO-5	WHO-5	WHO-5	WHO-5
Education	5.18*	4.01*	4.48*	
(Degree vs. no)	(0.43)	(0.45)	(0.31)	
Female				1.03*
				(0.30)
Constant	56.01*	57.89*	57.03*	57.11*
	(0.28)	(0.25)	(0.19)	(0.48)
Observations	8,526	8,671	17,197	17,197
R^2	0.017	0.009	0.012	0.001
Adjusted R^2	0.016	0.009	0.011	0.001

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'Education' and 'Female' represent the effect size of 'Education' and 'Female vs. Male' in row 8 and 3, respectively.*

C. American Working Conditions Survey (AWCS)

Table C1. Effect of Job Quality on Life Satisfaction

	Male	Female	All
	Life satisfaction index	Life satisfaction index	Life satisfaction index
Earnings	0.175*	0.591*	0.317*
	(0.080)	(0.134)	(0.068)
Prospect	0.055*	0.009	0.024
	(0.023)	(0.021)	(0.015)
Skill and Discretion	0.168*	0.202*	0.204*
	(0.063)	(0.056)	(0.042)
Good Physical Environment	0.266*	0.160*	0.200*
	(0.037)	(0.034)	(0.025)
Good Social Environment	0.047	0.022	0.032
	(0.047)	(0.049)	(0.034)
Work Intensity Index	-0.087*	-0.043	-0.061*
	(0.043)	(0.040)	(0.029)
Working Time Quality	0.084*	0.193*	0.136*
	(0.043)	(0.045)	(0.031)
Constant	31.764*	27.670*	30.363*
	(5.634)	(5.833)	(4.063)
Observations	874	1,125	1,999
R^2	0.135	0.100	0.108
Adjusted R^2	0.128	0.094	0.104
Mean of 'Life satisfaction'	65.21	64.02	64.52
SD of 'Life satisfaction'	24.45	25.07	24.82

*Note: Standard errors in parentheses; * p<0.05; The corresponding table is Table 2. The R^2 in this table are shown in row 0.*

Table C2. Effect of Non-Work Factors and Job Quality on Life Satisfaction

	Non-work Factors			Non-work Factors + Job Quality		
	Male	Female	All	Male	Female	All
	Life satisfaction	Life satisfaction	Life satisfaction	Life satisfaction	Life satisfaction	Life satisfaction
Earnings				0.022	0.042	0.001
				(0.103)	(0.173)	(0.085)
Prospect				0.046**	0.005	0.021
				(0.021)	(0.019)	(0.014)
SD				0.228***	0.115**	0.170***
				(0.064)	(0.056)	(0.042)
Physical Env				0.199***	0.139***	0.164***
				(0.036)	(0.032)	(0.023)
Social Env				0.064	-0.020	0.024
				(0.051)	(0.049)	(0.035)
Work Intensity				-0.046	-0.008	-0.024
				(0.042)	(0.038)	(0.028)
WTQ				0.057	0.177***	0.115***
				(0.043)	(0.043)	(0.030)
Partnered	5.082***	3.382**	4.163***	5.015***	3.264**	4.079***
	(1.555)	(1.389)	(1.022)	(1.496)	(1.382)	(0.996)
1. Physical Health	0.000	0.000	0.000	0.000	0.000	0.000
	(.)	(.)	(.)	(.)	(.)	(.)
2. Physical Health	8.889	20.333***	17.688***	8.318	16.654***	14.308***
	(8.516)	(5.362)	(4.423)	(8.277)	(5.266)	(4.305)
3. Physical Health	18.500**	29.252***	27.168***	15.584*	25.369***	22.977***
	(8.288)	(5.089)	(4.239)	(8.057)	(5.004)	(4.133)
4. Physical Health	26.705***	40.148***	36.786***	22.422***	35.311***	31.490***
	(8.274)	(5.066)	(4.224)	(8.046)	(4.996)	(4.130)
5. Physical Health	33.780***	44.570***	42.471***	28.464***	38.619***	36.068***
	(8.401)	(5.283)	(4.357)	(8.187)	(5.226)	(4.267)
Age	-0.966**	0.149	-0.448	-0.893**	0.346	-0.288

	(0.439)	(0.417)	(0.300)	(0.428)	(0.414)	(0.295)
Age squared	0.011**	-0.001	0.005*	0.010**	-0.004	0.003
	(0.005)	(0.004)	(0.003)	(0.005)	(0.004)	(0.003)
HH income	0.000***	0.000***	0.000***	0.000*	0.000***	0.000***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
1. Education		0.000	0.000		0.000	0.000
		(.)	(.)		(.)	(.)
2. Education	0.000	-18.736	5.027	0.000	-19.842	5.923
	(.)	(22.318)	(16.938)	(.)	(21.834)	(16.444)
3. Education		-7.048	-24.957		-12.024	-27.779
		(22.446)	(20.968)		(21.943)	(20.363)
4. Education	-15.474	22.565	4.254	-12.612	19.486	6.062
	(12.121)	(19.638)	(16.371)	(11.678)	(19.232)	(15.906)
5. Education	-3.783	18.598	10.325	-0.712	20.681	14.571
	(12.743)	(19.421)	(16.445)	(12.269)	(19.023)	(16.007)
6. Education	-21.549*	-1.568	-8.270	-18.950	1.498	-4.843
	(12.770)	(20.601)	(16.690)	(12.300)	(20.151)	(16.206)
7. Education	-13.687	15.997	2.499	-10.781	16.329	5.624
	(9.272)	(16.490)	(15.039)	(8.924)	(16.106)	(14.601)
8. Education	-19.802**	15.549	-0.347	-16.375*	15.270	2.504
	(9.199)	(16.470)	(15.011)	(8.855)	(16.085)	(14.572)
9. Education	-17.033*	15.097	0.605	-13.509	16.206	4.582
	(9.430)	(16.588)	(15.092)	(9.082)	(16.207)	(14.654)
10. Education	-15.178	15.171	1.225	-11.728	15.817	4.687
	(9.567)	(16.558)	(15.089)	(9.209)	(16.175)	(14.648)
11. Education	-18.290**	15.242	0.138	-15.687*	14.987	2.526
	(9.243)	(16.444)	(15.015)	(8.898)	(16.062)	(14.575)
12. Education	-20.516**	12.051	-2.708	-18.921**	11.440	-0.880
	(9.377)	(16.548)	(15.060)	(9.030)	(16.176)	(14.622)
13. Education	-19.207*	9.935	-2.732	-15.854	8.963	0.058
	(10.374)	(16.929)	(15.325)	(10.044)	(16.570)	(14.894)
14. Education	-26.445***	9.009	-6.668	-26.145***	9.257	-4.868
	(10.082)	(16.927)	(15.268)	(9.746)	(16.558)	(14.831)
Industry	Yes	Yes	Yes	Yes	Yes	Yes
Constant	73.808***	8.769	37.354**	38.048**	-15.158	7.092
	(16.114)	(19.723)	(17.115)	(16.799)	(20.068)	(17.162)
Observations	874.000	1125.000	1999.000	874.000	1125.000	1999.000
R^2	0.213	0.223	0.200	0.283	0.266	0.251
Adjusted R^2	0.175	0.193	0.183	0.242	0.232	0.232

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 2. The R^2 for non-work factors in the first three columns show the R^2 for 'All variables above, except job quality' in row 11. The R^2 for non-work factors + job quality in the last three columns represent the R^2 for 'All variables' in row 12.*

Table C3. Effect sizes: compare job quality to nonwork factors (1)

	Males	Females	All
	Life satisfaction	Life satisfaction	Life satisfaction
JQdecile_dummy1	-15.961***	-12.919***	-14.252***
	(2.618)	(2.651)	(1.872)
JQdecile_dummy2	-5.536**	-9.357***	-7.850***
	(2.795)	(2.517)	(1.875)
JQdecile_dummy3	-5.768**	-7.006***	-6.523***
	(2.783)	(2.524)	(1.875)
JQdecile_dummy4	-2.633	-1.960	-2.211
	(2.719)	(2.568)	(1.875)
JQdecile_dummy7	5.984**	3.614	4.728**
	(2.708)	(2.584)	(1.878)
JQdecile_dummy8	-0.159	8.819***	4.865***
	(2.699)	(2.584)	(1.875)
JQdecile_dummy9	4.651*	5.228**	4.950***
	(2.818)	(2.510)	(1.878)

JQdecile_dummy10	9.478***	6.292**	8.172***
	(2.578)	(2.717)	(1.878)
Constant	69.048***	66.857***	67.772***
	(1.594)	(1.465)	(1.083)
Observations	880	1,128	2,008

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3, rows 1 and 2. The coefficient estimates for pcajqdecile_dummy10 and pcajqdecile_dummy1 in this table represent the effect size of the job quality distribution: top vs median (row 1) and median vs. bottom (row 2).*

Table C4. Effect sizes: compare job quality to nonwork factors (2)

	Male	Female	All	Male	Female	All
	Life satisfaction	Life satisfaction	Life satisfaction	Life satisfaction	Life satisfaction	Life satisfaction
Physical Health	18.605***	22.305***	20.907***			
(Good vs. Poor)	(2.436)	(2.089)	(1.585)			
Age				-0.765	-0.289	-0.506
(45-54 vs. Rest)				(1.795)	(1.684)	(1.231)
Constant	51.138***	46.267***	48.183***	68.141***	66.098***	66.993***
	(2.317)	(1.967)	(1.499)	(0.833)	(0.788)	(0.574)
Observations	874	1,125	1,999	874	1,125	1,999
R^2	0.063	0.092	0.080	0.000	0.000	0.000
Adjusted R^2	0.062	0.091	0.080	-0.000	-0.000	-0.000

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'Physical Health' and 'Age' in this table represent the effect size of 'Physical Health' and 'Age dummy' in row 6 and 7, respectively.*

	Male	Female	All	Male	Female	All
	Life satisfaction	Life satisfaction	Life satisfaction	Life satisfaction	Life satisfaction	Life satisfaction
Education	3.733**	4.883***	4.481***			
(Degree vs. non-Degree)	(1.473)	(1.387)	(1.010)			
HH Income				9.390***	9.764***	9.708***
(Above median vs. Rest)				(1.513)	(1.368)	(1.010)
Constant	65.986***	63.730***	64.648***	61.874***	60.697***	61.138***
	(1.076)	(0.953)	(0.714)	(1.220)	(1.011)	(0.777)
Observations	874	1,125	1,999	874	1,125	1,999
R^2	0.007	0.011	0.010	0.042	0.043	0.044
Adjusted R^2	0.006	0.010	0.010	0.041	0.043	0.044

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'Education' and 'HH (Household) Income' in this table represent the effect size of 'Education' and 'Household Income' in row 8 and 9, respectively.*

	All	Male	Female	All
	Life satisfaction	Life satisfaction	Life satisfaction	Life satisfaction
Female	-1.942*			
	(1.023)			
Partnered		7.379***	7.390***	7.513***
		(1.526)	(1.378)	(1.016)
Constant	69.918***	63.181***	62.087***	62.490***
	(1.677)	(1.230)	(1.007)	(0.777)
Observations	1,999	874	1,125	1,999
R^2	0.002	0.026	0.025	0.027
Adjusted R^2	0.001	0.025	0.024	0.026

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'Female' and 'Partnered' represent the effect size of 'Female vs Male' and 'Partnered vs. Single' in row 3 and 4, respectively.*

D. The United Kingdom: Skills and Employment Survey (SES)

Table D1. Domain Indices

Domain	Job quality item	Measure	Scale
Earnings	Hourly pay	Gross hourly pay	na
Working time quality	Ease of taking time off work	Would you say that for you arranging to take an hour or two off during working hours to take care of personal or family matters is…? (Not difficult at all, Not too difficult, Somewhat difficult, Very difficult)	1-4
Prospects	Chance of losing job in the next twelve months	Do you think there is any chance at all of you losing your job and becoming unemployed in the next twelve months?	1/0
	Likelihood of losing job in the next twelve months	How would you rate the likelihood of this happening?	1-5
Work intensity	Work hard	My job requires that I work very hard	1-4
	Work at high speed	How often does your work involve working at very high speed?	1-7
	Work to tight deadlines	How often does your work involve working to tight deadlines?	1-7
	Overtime	I often have to work extra time, over and above the formal hours of my job, to get through the work or to help out.	1-4
	Tension	I work under a great deal of tension.	1-4
Skills and discretion	Task variety	How much variety is there in your job?	1-5
	Skill use	In my current job I have enough opportunity to use the knowledge and skills that I have.	1-4
	Repetitive tasks	How often does your work involve carrying out short, repetitive tasks?	1-5
	Choice over work	How much choice do you have over the way in which you do your job?	1-4
	Training provision	Since completing full-time education, have you ever had, or are you currently undertaking, training for the type of work that you currently do?	1/0
	Task discretion—work effort	How much influence do you personally have on how hard you work?	1-4
	Task discretion — work content	How much influence do you personally have on deciding what tasks you are to do?	1-4
	Task discretion —work method	How much influence do you personally have on deciding how you are to do the task?	1-4
	Task discretion —quality standards of work	How much influence do you personally have on deciding the quality standards to which you work?	1-4

Managerial support	Enable you to learn the job	How helpful is your supervisor or manager in enabling you to learn how to do your job better?	1-5
	Support you when under pressure	How helpful is your supervisor or manager in supporting you when you are under pressure?	1-5
	Recognise your abilities	How helpful is your supervisor or manager in recognising the extent of your abilities?	1-5
Scope for innovation	Keep up to date with new knowledge	In your job, how important is keeping up-to-date with and applying new knowledge to your job?	1-5
	Develop new processes, products or services	In your job, how important is developing new or improved work processes, products or services?	1-5
	Put new ideas into practice	In your job, how important is developing plans to put new ideas into practice?	1-5

Note: Domain level indices are created using the first principal component of all items in each domain.

Table D2. Effect of Job Quality on Life Satisfaction

	Separate variables		
	Male	Female	All
VARIABLES	lifesat	lifesat	lifesat
intense2	-0.067	-0.048	-0.061**
	(0.044)	(0.042)	(0.030)
insecurity2	-0.039	-0.086***	-0.070***
	(0.024)	(0.022)	(0.016)
discreti	0.062	0.108**	0.091**
	(0.054)	(0.047)	(0.035)
variety	-0.002	0.001	-0.004
	(0.030)	(0.028)	(0.020)
2.buseskil	-0.122**	-0.091	-0.102**
	(0.060)	(0.056)	(0.041)
3.buseskil	-0.081	-0.340***	-0.233***
	(0.116)	(0.105)	(0.078)
4.buseskil	-0.211	-0.128	-0.163
	(0.221)	(0.173)	(0.135)
2.timeoff	0.121	-0.109	-0.033
	(0.109)	(0.087)	(0.067)
3.timeoff	0.139	-0.177**	-0.062
	(0.101)	(0.080)	(0.062)
4.timeoff	0.249**	-0.098	0.037
	(0.104)	(0.087)	(0.066)
trained	-0.103*	-0.152**	-0.120***
	(0.060)	(0.060)	(0.042)
choice	0.006	0.052	0.035
	(0.044)	(0.040)	(0.029)
revbrepeat	0.055**	0.050**	0.053***
	(0.027)	(0.024)	(0.018)
lnhourpay	0.116**	-0.033	0.044
	(0.058)	(0.059)	(0.041)
mgrsupport	0.164***	0.188***	0.176***
	(0.036)	(0.033)	(0.024)
innovationscope	0.092**	0.024	0.059**
	(0.038)	(0.038)	(0.027)
Constant	5.123***	5.624***	5.398***
	(0.213)	(0.188)	(0.139)
Observations	946	1,146	2,092
R^2	0.118	0.112	0.105
Adjusted R^2	0.102	0.099	0.098
Mean of 'lifesat'	5.648	5.656	5.652
SD of 'lifesat'	0.929	0.899	0.914

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 2. The R^2 in this table are shown in row 0.*

Table D3. Effect of nonwork factors and job quality on life satisfaction

	Nonwork factors			Nonwork factors + job quality		
	Male	Female	All	Male	Female	All
VARIABLES	lifesat	lifesat	lifesat	lifesat	lifesat	lifesat
2.kmarried	-0.060	-0.082	-0.085*	-0.109	-0.086	-0.108**
	(0.062)	(0.063)	(0.044)	(0.071)	(0.071)	(0.050)
3.kmarried	-0.364***	-0.304***	-0.349***	-0.400***	-0.295***	-0.359***
	(0.060)	(0.057)	(0.041)	(0.073)	(0.066)	(0.048)
4.kmarried	-0.440	-0.290*	-0.340**	-0.839**	-0.473***	-0.534***
	(0.290)	(0.163)	(0.141)	(0.359)	(0.179)	(0.155)
5.kmarried	-0.382***	-0.442***	-0.416***	-0.526***	-0.390***	-0.436***
	(0.086)	(0.067)	(0.052)	(0.107)	(0.079)	(0.063)
2.khealth	-0.341***	-0.152***	-0.243***	-0.259***	-0.149**	-0.196***
	(0.053)	(0.051)	(0.037)	(0.063)	(0.059)	(0.043)
3.khealth	-0.663***	-0.473***	-0.559***	-0.425***	-0.416***	-0.424***
	(0.065)	(0.061)	(0.045)	(0.077)	(0.072)	(0.052)
4.khealth	-0.708***	-0.782***	-0.740***	-0.457***	-0.704***	-0.562***
	(0.085)	(0.084)	(0.060)	(0.102)	(0.099)	(0.070)
5.khealth	-1.513***	-0.842***	-1.073***	-0.903**	-0.602***	-0.614***
	(0.205)	(0.145)	(0.118)	(0.361)	(0.173)	(0.154)
age	-0.033**	0.006	-0.013	-0.029	-0.013	-0.016
	(0.015)	(0.014)	(0.010)	(0.018)	(0.016)	(0.012)
agesq	0.000**	-0.000	0.000	0.000	0.000	0.000
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
1.edlev	0.113	-0.015	0.083	0.096	-0.011	0.052
	(0.102)	(0.127)	(0.080)	(0.148)	(0.161)	(0.107)
2.edlev	0.014	-0.052	0.010	0.020	-0.180	-0.066
	(0.093)	(0.112)	(0.070)	(0.127)	(0.141)	(0.093)
3.edlev	0.049	-0.096	0.012	0.016	-0.162	-0.047
	(0.091)	(0.113)	(0.071)	(0.125)	(0.141)	(0.093)
4.edlev	0.196**	-0.084	0.067	0.121	-0.156	-0.008
	(0.092)	(0.114)	(0.071)	(0.130)	(0.145)	(0.096)
occupation	Yes	Yes	Yes	Yes	Yes	Yes
industry	Yes	Yes	Yes	Yes	Yes	Yes
intense2				-0.091**	-0.027	-0.072**
				(0.043)	(0.042)	(0.029)
insecurity2				-0.021	-0.058***	-0.051***
				(0.023)	(0.021)	(0.016)
discreti				0.059	0.104**	0.091***
				(0.053)	(0.046)	(0.035)
variety				0.004	0.006	0.006
				(0.030)	(0.027)	(0.020)
2.buseskil				-0.094	-0.082	-0.087**
				(0.057)	(0.054)	(0.039)
3.buseskil				-0.018	-0.335***	-0.209***
				(0.115)	(0.102)	(0.075)
4.buseskil				-0.165	-0.125	-0.182
				(0.215)	(0.166)	(0.130)
2.timeoff				0.144	-0.189**	-0.071
				(0.105)	(0.084)	(0.065)
3.timeoff				0.236**	-0.183**	-0.023
				(0.099)	(0.078)	(0.060)
4.timeoff				0.298***	-0.058	0.072
				(0.102)	(0.086)	(0.064)

trained				-0.056	-0.114*	-0.073*
				(0.060)	(0.060)	(0.042)
choice				-0.001	0.053	0.020
				(0.042)	(0.038)	(0.028)
revbrepeat				0.055**	0.037	0.041**
				(0.027)	(0.023)	(0.017)
lnhourpay				0.060	0.061	0.052
				(0.068)	(0.072)	(0.049)
mgrsupport				0.153***	0.171***	0.158***
				(0.034)	(0.032)	(0.023)
innovationscope				0.099***	0.026	0.065**
				(0.037)	(0.037)	(0.026)
Constant	6.877***	6.139***	6.511***	5.970***	6.456***	6.015***
	(0.366)	(0.464)	(0.275)	(0.518)	(0.709)	(0.389)
Observations	1,590	1,687	3,277	943	1,143	2,086
R^2	0.183	0.138	0.137	0.252	0.236	0.212
Adjusted R^2	0.162	0.118	0.126	0.205	0.198	0.191

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 2. The adjusted R^2 for non-work factors in the first three columns show the adjusted R^2 for 'All variables above, except job quality' in row 11. The adjusted R^2 for non-work factors + job quality in the last three columns represent the R^2 for 'All variables' in row 12.*

Table D4. Effect sizes: compare job quality to nonwork factors (1)

	Male	Female	All
VARIABLES	lifesat	lifesat	lifesat
jobqualdecile_dummy1	-0.45***	-0.46***	-0.46***
	(0.11)	(0.10)	(0.07)
jobqualdecile_dummy2	-0.28***	-0.16	-0.22***
	(0.10)	(0.10)	(0.07)
jobqualdecile_dummy3	-0.34***	-0.30***	-0.32***
	(0.11)	(0.10)	(0.07)
jobqualdecile_dummy4	-0.26**	-0.17*	-0.21***
	(0.10)	(0.10)	(0.07)
jobqualdecile_dummy7	-0.02	0.06	0.03
	(0.11)	(0.10)	(0.07)
jobqualdecile_dummy8	0.08	-0.01	0.03
	(0.10)	(0.10)	(0.07)
jobqualdecile_dummy9	0.21**	0.22**	0.21***
	(0.10)	(0.10)	(0.07)
jobqualdecile_dummy10	0.36***	0.13	0.25***
	(0.10)	(0.10)	(0.07)
Constant	5.75***	5.75***	5.75***
	(0.06)	(0.06)	(0.04)
Observations	946	1,146	2,092
R^2	0.08	0.05	0.06
Adjusted R^2	0.08	0.04	0.06

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3, rows 1 and 2. The coefficient estimates for pcajqdecile_dummy10 and pcajqdecile_dummy1 in this table represent the effect size of the job quality distribution: top vs median (row 1) and median vs. bottom (row 2).*

Table D5. Effect sizes: compare job quality to nonwork factors (2)

	Marital status			Children		
	Male	Female	All	Male	Female	All
VARIABLES	lifesat	lifesat	lifesat	lifesat	lifesat	lifesat
married	0.42***	0.34***	0.37***			
	(0.05)	(0.04)	(0.03)			
children				0.14***	0.10**	0.12***
				(0.05)	(0.04)	(0.03)
Constant	5.36***	5.45***	5.41***	5.59***	5.62***	5.60***
	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)
Observations	1,600	1,696	3,296	1,598	1,694	3,292
R^2	0.04	0.03	0.04	0.01	0.00	0.00
Adjusted R^2	0.04	0.03	0.04	0.01	0.00	0.00

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'married' and 'children' in this table represent the effect size of 'Partnered vs. Single' and 'Any children under 16' in row 4 and 5, respectively.*

	Health			Age		
	Male	Female	All	Male	Female	All
VARIABLES	lifesat	lifesat	lifesat	lifesat	lifesat	lifesat
goodhealth	0.54***	0.63***	0.59***			
	(0.08)	(0.07)	(0.05)			
age (45-54)				-0.16***	-0.06	-0.10***
				(0.05)	(0.05)	(0.04)
Constant	5.36***	5.45***	5.41***	5.59***	5.62***	5.60***
	(0.04)	(0.03)	(0.03)	(0.03)	(0.03)	(0.02)
Observations	1,606	1,700	3,306	1,606	1,700	3,306
R^2	0.03	0.05	0.04	0.01	0.00	0.00
Adjusted R^2	0.03	0.04	0.04	0.00	0.00	0.00

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'good health' and 'age (45-54)' in this table represent the effect size of 'Physical health' and 'Age dummy' in row 6 and 7, respectively.*

	Gender	Education		
	All	All	Male	Female
VARIABLES	lifesat	lifesat	lifesat	lifesat
female	0.01			
	(0.03)			
edulevel4		0.14***	0.22***	0.06
		(0.03)	(0.05)	(0.04)
Constant	5.65***	5.59***	5.56***	5.63***
	(0.02)	(0.02)	(0.03)	(0.03)
Observations	3,306	3,288	1,597	1,691
R^2	0.00	0.01	0.01	0.00
Adjusted R^2	-0.00	0.01	0.01	0.00

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'female' and 'edulevel4' in this table represent the effect size of 'Female vs. male'' and 'Education' in row 3 and 8, respectively.*

E. Australia: Household, Income and Labour Dynamics in Australia (HILDA)

Table E1. Domain Indices

Domain	Job quality item	Measure	Scale
Earnings	Monthly pay (weekly pay*4.3)	Weekly gross wages and salary	na
Working time quality	Flexible working times	My working times can be flexible	1-7
	Decide when to take a break	I can decide when to take a break	1-7
	Normal working hours (<= 48 hours per week)	Hours per week usually worked in main job	na
Prospects	Secure future in job	I have a secure future in my job	1-7
	Business security	The company I work for will still be in business 5 years from now	1-7
	Worry about job future	I worry about the future of my job (reversed scale)	1-7
	Permanent employment contract	Employment contract (permeant)	1/0
Work intensity	Work fast	I have to work fast in my job	1-7
	Work intensely	I have to work very intensely in my job	1-7
	Not enough time to do job	I don't have enough time to do everything in my job	1-7
Skills and discretion	Job is complex	My job is complex and difficult	1-7
	Job requires to learn new skills	My job often requires me to learn new skills	1-7
	Job provides variety of interesting things	My job provides me with a variety of interesting things to do	1-7
	Job requires to take initiative	My job requires me to take initiative	1-7
	Have freedom deciding how to work	I have a lot of freedom to decide how I do my own work	1-7
	Have freedom deciding when to work	I have a lot of freedom to decide when I do my work	1-7
	Have choice deciding what to work	I have a lot of choice in deciding what I do at work	1-7
	Have say about what happens in job	I have a lot of say about what happens on my job	1-7
Person-job match	Use skills and abilities in job	I use many of my skills and abilities in my current job	1-7
	Prefer to work same hours	If choosing number of hours to work each week (about the same)	1/0

Note: Domain level indices are created using the first principal component of all items in each domain.

Table E2. Effect of Job Quality on Life Satisfaction

	Male	Female	All
VARIABLES	lifesat	lifesat	lifesat
dm_pay	-0.103***	-0.093***	-0.091***
	(-0.007)	(-0.007)	(-0.005)
dm_wktimeq	0.003	0.001	0.002
	(-0.003)	(-0.002)	(-0.002)
dm_prosp	0.117***	0.115***	0.115***
	(-0.002)	(-0.002)	(-0.002)
dm_intens	-0.048***	-0.046***	-0.048***
	(-0.002)	(-0.002)	(-0.002)
dm_skidis	0.026***	0.026***	0.027***
	(-0.002)	(-0.002)	(-0.002)
dm_pjmatch	0.086***	0.069***	0.076***
	(-0.004)	(-0.004)	(-0.003)
Constant	8.811***	8.689***	8.688***
	(-0.057)	(-0.052)	(-0.037)
Observations	52,876	56,454	109,330
R^2	0.083	0.072	0.077
Adjusted R^2	0.083	0.072	0.077
Mean of 'lifesat'	7.92	7.95	7.93
SD of 'lifesat'	1.26	1.26	1.26

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 2. The R^2 in this table are shown in row 0.*

Table E3. Effect of Job Quality on Mental Health (SF-36)

	Male	Female	All
VARIABLES	SF-36	SF-36	SF-36
dm_pay	0.810***	1.249***	1.389***
	-0.085	-0.087	-0.059
dm_wktimeq	0.049	-0.080*	-0.015
	-0.034	-0.032	-0.023
dm_prosp	1.738***	1.578***	1.628***
	-0.03	-0.031	-0.022
dm_intens	-1.125***	-1.069***	-1.138***
	-0.03	-0.031	-0.022
dm_skidis	0.299***	0.358***	0.348***
	-0.029	-0.028	-0.02
dm_pjmatch	1.017***	0.760***	0.838***
	-0.051	-0.051	-0.036
Constant	69.380***	63.622***	63.470***
	-0.717	-0.699	-0.485
Observations	52,724	56,298	109,022
R^2	0.115	0.085	0.100
Adjusted R^2	0.115	0.085	0.100
Mean of 'SF-36'	76.24	73.63	74.95
SD of 'SF-36'	15.48	16.39	15.99

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 2. The R^2 in this table are shown in row 0.*

Table E4. Effect of nonwork factors and job quality on life satisfaction

	Nonwork factors			Nonwork factors + job quality		
	Male	Female	All	Male	Female	All
VARIABLES	lifesat	lifesat	lifesat	lifesat	lifesat	lifesat
dm_pay				-0.072***	-0.097***	-0.079***
				(-0.011)	(-0.009)	(-0.007)
dm_wktimeq				0.010***	0.008**	0.008***
				(-0.003)	(-0.003)	(-0.002)
dm_prosp				0.098***	0.099***	0.099***
				(-0.002)	(-0.002)	(-0.002)
dm_intens				-0.042***	-0.039***	-0.040***
				(-0.002)	(-0.002)	(-0.002)
dm_skidis				0.025***	0.024***	0.024***
				(-0.002)	(-0.002)	(-0.002)
dm_pjmatch				0.075***	0.066***	0.070***
				(-0.004)	(-0.004)	(-0.003)
partnered	0.432***	0.350***	0.386***	0.396***	0.286***	0.337***
	(-0.012)	(-0.011)	(-0.008)	(-0.013)	(-0.011)	(-0.008)
chd0_14_dmy	0.053***	-0.021.	0.020*	0.100***	-0.046***	0.031***
	(-0.012)	(-0.012)	(-0.008)	(-0.013)	(-0.013)	(-0.009)
ghealth	0.901***	0.958***	0.932***	0.743***	0.856***	0.804***
	(-0.015)	(-0.015)	(-0.011)	(-0.017)	(-0.017)	(-0.012)
age	-0.111***	-0.075***	-0.092***	-0.099***	-0.056***	-0.077***
	(-0.002)	(-0.002)	(-0.002)	(-0.003)	(-0.003)	(-0.002)
age^2	0.001***	0.001***	0.001***	0.001***	0.001***	0.001***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
edugrad dip/cert	0.037	0.019	0.029	0.009	0.005	0.007
	(-0.026)	(-0.024)	(-0.018)	(-0.029)	(-0.025)	(-0.019)
edubachelor	0.007	0.065**	0.037*	0.005	0.044*	0.024
	(-0.022)	(-0.021)	(-0.015)	(-0.024)	(-0.022)	(-0.016)
edudiploma	0.086***	0.054*	0.068***	0.082**	0.011	0.041*
	(-0.024)	(-0.023)	(-0.017)	(-0.027)	(-0.025)	(-0.018)
educert iii/iv	0.127***	0.115***	0.116***	0.088***	0.058*	0.067***
	(-0.022)	(-0.023)	(-0.016)	(-0.025)	(-0.024)	(-0.017)
eduyr 12	0.091***	0.112***	0.101***	0.072**	0.052*	0.060***
	(-0.023)	(-0.023)	(-0.016)	(-0.026)	(-0.025)	(-0.018)
eduyr 11 or below	0.189***	0.199***	0.198***	0.122***	0.083**	0.103***
	(-0.024)	(-0.023)	(-0.016)	(-0.027)	(-0.025)	(-0.018)
lhhmthinc	0.082***	0.072***	0.074***	0.134***	0.115***	0.115***
	(-0.007)	(-0.006)	(-0.005)	(-0.011)	(-0.008)	(-0.006)
industry	Yes	Yes	Yes	Yes	Yes	Yes
occupation	Yes	Yes	Yes	Yes	Yes	Yes
Constant	8.327***	7.776***	8.020***	8.438***	8.034***	8.227***
	(-0.078)	(-0.086)	(-0.056)	(-0.101)	(-0.109)	(-0.072)
Observations	72,676	72,079	144,755	51,833	55,526	107,359
R^2	0.098	0.086	0.090	0.161	0.141	0.148
Adjusted R^2	0.098	0.085	0.090	0.160	0.141	0.148

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 2. The R^2 for non-work factors in the first three columns show the R^2 for 'All variables above, except job quality' in row 11. The R^2 for non-work factors + job quality in the last three columns represent the R^2 for 'All variables' in row 12.*

Table E5. Effect of nonwork factors and job quality on mental health (SF-36)

	Nonwork factors			Nonwork factors + job quality		
	Male	Female	All	Male	Female	All
VARIABLES	mhealth	mhealth	mhealth	mhealth	mhealth	mhealth
dm_pay				0.037	-0.121	0.321***
				(-0.141)	(-0.12)	(-0.087)
dm_wktimeq				0.070*	-0.033	0.011
				(-0.035)	(-0.034)	(-0.024)
dm_prosp				1.587***	1.446***	1.512***
				(-0.03)	(-0.030)	(-0.021)
dm_intens				-0.952***	-0.887***	-0.930***
				(-0.031)	(-0.031)	(-0.022)
dm_skidis				0.239***	0.242***	0.264***
				(-0.029)	(-0.029)	(-0.020)
dm_pjmatch				0.906***	0.658***	0.756***
				(-0.051)	(-0.051)	(-0.036)
partnered	3.397***	1.745***	2.492***	3.065***	1.207***	2.019***
	(-0.146)	(-0.137)	(-0.099)	(-0.163)	(-0.151)	(-0.11)
chd0_14_dmy	0.152	0.571***	0.474***	0.560***	0.342*	0.566***
	(-0.143)	(-0.151)	(-0.104)	(-0.167)	(-0.169)	(-0.118)
ghealth	14.212***	15.259***	14.827***	12.362***	13.831***	13.229***
	(-0.188)	(-0.198)	(-0.137)	(-0.216)	(-0.219)	(-0.155)
age	-0.617***	-0.123***	-0.382***	-0.539***	0.071*	-0.266***
	(-0.028)	(-0.03)	(-0.02)	(-0.035)	(-0.035)	(-0.024)
age^2	0.009***	0.004***	0.006***	0.007***	0.001**	0.005***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
edugrad dip/cert	0.988**	-0.115	0.294	0.492	-0.623.	-0.139
	(-0.324)	(-0.309)	(-0.223)	(-0.363)	(-0.337)	(-0.247)
edubachelor	-0.366	1.396***	0.530**	-0.583.	0.757**	0.172
	(-0.268)	(-0.268)	(-0.19)	(-0.299)	(-0.29)	(-0.209)
edudiploma	0.722*	0.735*	0.679**	0.237	0.029	0.179
	(-0.298)	(-0.304)	(-0.213)	(-0.336)	(-0.332)	(-0.237)
educert iii/iv	1.103***	1.184***	1.187***	0.246	0.237	0.370.
	(-0.275)	(-0.295)	(-0.201)	(-0.31)	(-0.323)	(-0.224)
eduyr 12	1.189***	1.297***	1.259***	0.416	0.325	0.512*
	(-0.288)	(-0.297)	(-0.207)	(-0.323)	(-0.326)	(-0.23)
eduyr 11 or below	0.569.	1.544***	0.972***	-0.359	0.515	0.232
	(-0.293)	(-0.298)	-0.208()	(-0.335)	(-0.335)	(-0.237)
lhhmthinc	0.492***	0.551***	0.518***	0.844***	0.787***	0.630***
	(-0.083)	(-0.083)	(-0.058)	(-0.132)	(-0.11)	(-0.083)
industry	Yes	Yes	Yes	Yes	Yes	Yes
occupation	Yes	Yes	Yes	Yes	Yes	Yes
Constant	67.515***	55.745***	61.587***	64.828***	54.455***	57.967***
	(-0.967)	(-1.119)	(-0.713)	(-1.265)	(-1.45)	(-0.928)
Observations	72,476	71,906	144,382	51,692	55,385	107,077
R^2	0.102	0.104	0.103	0.187	0.164	0.173
Adjusted R^2	0.102	0.104	0.103	0.186	0.163	0.172

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 2. The R^2 for non-work factors in the first three columns show the R^2 for 'All variables above, except job quality' in row 11. The R^2 for non-work factors + job quality in the last three columns represent the R^2 for 'All variables' in row 12.*

Table E6. Effect sizes: compare job quality to nonwork factors (1)

	Mental Health (SF-36)			Life Satisfaction		
	Male	Female	All	Male	Female	All
VARIABLES	mhealth	mhealth	mhealth	lifesat	lifesat	lifesat
jobqualdecile_dummy1	-3.718***	-2.921***	-3.346***	-0.197***	-0.156***	-0.172***
	(-0.269)	(-0.258)	(-0.186)	(-0.021)	(-0.019)	(-0.014)
jobqualdecile_dummy2	-1.615***	-1.869***	-1.850***	-0.096***	-0.112***	-0.103***
	(-0.27)	(-0.257)	(-0.186)	(-0.021)	(-0.019)	(-0.014)
jobqualdecile_dummy3	-0.541*	-1.350***	-1.080***	-0.058**	-0.056**	-0.055***
	(-0.269)	(-0.258)	(-0.186)	(-0.021)	(-0.019)	(-0.014)
jobqualdecile_dummy4	-0.954***	-0.891***	-0.947***	-0.021	-0.048*	-0.035*
	(-0.263)	(-0.262)	(-0.186)	(-0.021)	(-0.02)	(-0.014)
jobqualdecile_dummy7	1.030***	0.631*	0.879***	0.047*	0.049*	0.047***
	(-0.256)	(-0.269)	(-0.186)	(-0.02)	(-0.02)	(-0.014)
jobqualdecile_dummy8	1.746***	1.272***	1.621***	0.114***	0.095***	0.103***
	(-0.252)	(-0.274)	(-0.186)	(-0.02)	(-0.02)	(-0.014)
jobqualdecile_dummy9	2.964***	2.135***	2.734***	0.197***	0.161***	0.177***
	(-0.249)	(-0.279)	(-0.186)	(-0.02)	(-0.021)	(-0.014)
jobqualdecile_dummy10	4.704***	3.913***	4.447***	0.428***	0.342***	0.386***
	(-0.251)	(-0.275)	(-0.186)	(-0.02)	(-0.021)	(-0.014)
Constant	75.448***	73.528***	74.444***	7.875***	7.916***	7.896***
	(-0.151)	(-0.153)	(-0.108)	(-0.012)	(-0.011)	(-0.008)
Observations	52,724	56,298	109,022	52,876	56,454	109,330
R^2	0.022	0.013	0.018	0.019	0.012	0.015
Adjusted R^2	0.021	0.013	0.018	0.019	0.012	0.015

Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; *The corresponding table is Table 3, rows 1 and 2. The coefficient estimates for pcajqdecile_dummy10 and pcajqdecile_dummy1 in this table represent the effect size of the job quality distribution: top vs median (row 1) and median vs. bottom (row 2).*

Table E7. Effect sizes: compare job quality to nonwork factors (2) – Life Satisfaction

	Marital status			Children		
	Male	Female	All	Male	Female	All
VARIABLES	lifesat	lifesat	lifesat	lifesat	lifesat	lifesat
married	0.247***	0.251***	0.246***			
	-0.01	-0.009	-0.007			
children				-0.006	-0.080***	-0.042***
				-0.01	-0.01	-0.007
Constant	7.746***	7.785***	7.767***	7.921***	7.967***	7.944***
	-0.008	-0.008	-0.006	-0.005	-0.005	-0.004
Observations	78,569	76,567	155,136	78,572	76,574	155,146
R^2	0.008	0.009	0.008	0.000	0.001	0.000
Adjusted R^2	0.008	0.008	0.008	0.000	0.001	0.000

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'married' and 'children' in this table represent the effect size of 'Partnered vs. Single' and 'Any children under 16' in row 4 and 5, respectively.*

	Health			Age		
	Male	Female	All	Male	Female	All
VARIABLES	lifesat	lifesat	lifesat	lifesat	lifesat	lifesat
goodhealth	0.952***	0.997***	0.974***			
	-0.015	-0.015	-0.011			
age (45-54)				-0.188***	-0.096***	-0.142***
				-0.011	-0.011	-0.008
Constant	7.059***	7.048***	7.053***	7.960***	7.968***	7.964***
	-0.014	-0.014	-0.01	-0.005	-0.005	-0.004
Observations	77,747	75,797	153,544	78,572	76,574	155,146
R^2	0.050	0.056	0.053	0.004	0.001	0.002
Adjusted R^2	0.050	0.056	0.053	0.004	0.001	0.002

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'good health' and 'age (45-54)' in this table represent the effect size of 'Physical health' and 'Age dummy' in row 6 and 7, respectively.*

	Education			Household Income		
	Male	Female	All	Male	Female	All
VARIABLES	lifesat	lifesat	lifesat	lifesat	lifesat	lifesat
edulevel	-0.043***	-0.022*	-0.029***			
	-0.01	-0.01	-0.007			
lhhmtInc				0.093***	0.163***	0.128***
				(0.009)	(0.009)	(0.007)
Constant	7.930***	7.954***	7.941***	75.575***	72.694***	74.109***
	-0.005	-0.006	-0.004	-0.091	-0.094	-0.066
Observations	78,549	76,555	155,104	74,682	74,207	148,889
R^2	0.000	0.000	0.000	0.001	0.004	0.002
Adjusted R^2	0.000	0.000	0.000	0.001	0.004	0.002

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'edulevel' and 'lhhmtInc' in this table represent the effect size of 'Education' and 'Household Income' in row 8 and 9, respectively.*

	Female	Employed		
	All	Male	Female	All
VARIABLES	lifesat	lifesat	lifesat	lifesat
female	0.027***			
	-0.006			
employed		0.467***	0.452***	0.461***
		(0.017)	(0.018)	(0.013)
Constant	7.919***	7.438***	7.487***	7.461***
	-0.004	(0.017)	(0.018)	(0.012)
Observations	155,146	106,426	98,504	204,930
R^2	0.000	0.007	0.006	0.007
Adjusted R^2	0.000	0.007	0.006	0.007

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'female' and 'employed' in this table represent the effect size of 'Female vs. male' and 'Employed vs. unemployed' in row 3 and 10, respectively.*

Table E8. Effect sizes: compare job quality to nonwork factors (2') – Mental Health (SF-36)

	Marital status					Children
	Male	Female	All	Male	Female	All
VARIABLES	mhealth	mhealth	mhealth	mhealth	mhealth	mhealth
married	3.608***	3.213***	3.565***			
	-0.12	-0.123	-0.086			
children				0.048	0.542***	0.367***
				-0.122	-0.135	-0.091
Constant	73.716***	71.570***	72.561***	76.228***	73.490***	74.853***
	-0.1	-0.099	-0.07	-0.065	-0.069	-0.048
Observations	78,343	76,366	154,709	78,346	76,373	154,719
R^2	0.011	0.009	0.011	0.000	0.000	0.000
Adjusted R^2	0.011	0.009	0.011	0.000	0.000	0.000

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'married' and 'children' in this table represent the effect size of 'Partnered vs. Single' and 'Any children under 16' in row 4 and 5, respectively.*

	Health			Age		
	Male	Female	All	Male	Female	All
VARIABLES	mhealth	mhealth	mhealth	mhealth	mhealth	mhealth
goodhealth	13.946***	15.107***	14.535***			
	-0.181	-0.193	-0.133			
age (45-54)				0.137	1.402***	0.745***
				-0.134	-0.142	-0.098
Constant	63.653***	60.029***	61.850***	76.212***	73.317***	74.789***
	-0.172	-0.183	-0.126	-0.063	-0.067	-0.046
Observations	77,537	75,614	153,151	78,346	76,373	154,719
R^2	0.071	0.075	0.073	0.000	0.001	0.000
Adjusted R^2	0.071	0.075	0.073	0.000	0.001	0.000

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'good health' and 'age (45-54)' in this table represent the effect size of 'Physical health' and 'Age dummy' in row 6 and 7, respectively.*

	Education			Household Income		
	Male	Female	All	Male	Female	All
VARIABLES	mhealth	mhealth	mhealth	mhealth	mhealth	mhealth
edulevel	0.159	1.184***	0.462***			
	-0.125	-0.125	-0.089			
lhhmtInc				1.041***	1.564***	1.347***
				-0.116	-0.122	-0.085
Constant	76.200***	73.230***	74.814***	75.575***	72.694***	74.109***
	-0.065	-0.073	-0.049	-0.091	-0.094	-0.066
Observations	78,323	76,354	154,677	74,464	74,011	148,475
R^2	0.000	0.001	0.000	0.001	0.002	0.002
Adjusted R^2	0.000	0.001	0.000	0.001	0.002	0.002

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'edulevel' and 'lhhmtInc' in this table represent the effect size of 'Education' and 'Household Income' in row 8 and 9, respectively.*

	Female	Employed		
	All	Male	Female	All
VARIABLES	mhealth	mhealth	mhealth	mhealth
female	-2.611***			
	-0.081			
employed		8.159***	9.164***	8.609***
		-0.223	-0.245	-0.166
Constant	76.242***	67.946***	64.451***	66.276***
	-0.057	-0.217	-0.238	-0.161
Observations	154,719	93,649	89,665	183,314
R^2	0.007	0.014	0.015	0.014
Adjusted R^2	0.007	0.014	0.015	0.014

*Note: Standard errors in parentheses; *** p<0.01, ** p<0.05, * p<0.1; The corresponding table is Table 3. The coefficient estimates for 'female' and 'employed' in this table represent the effect size of 'Female vs. male' and 'Employed vs. unemployed' in row 3 and 10, respectively.*