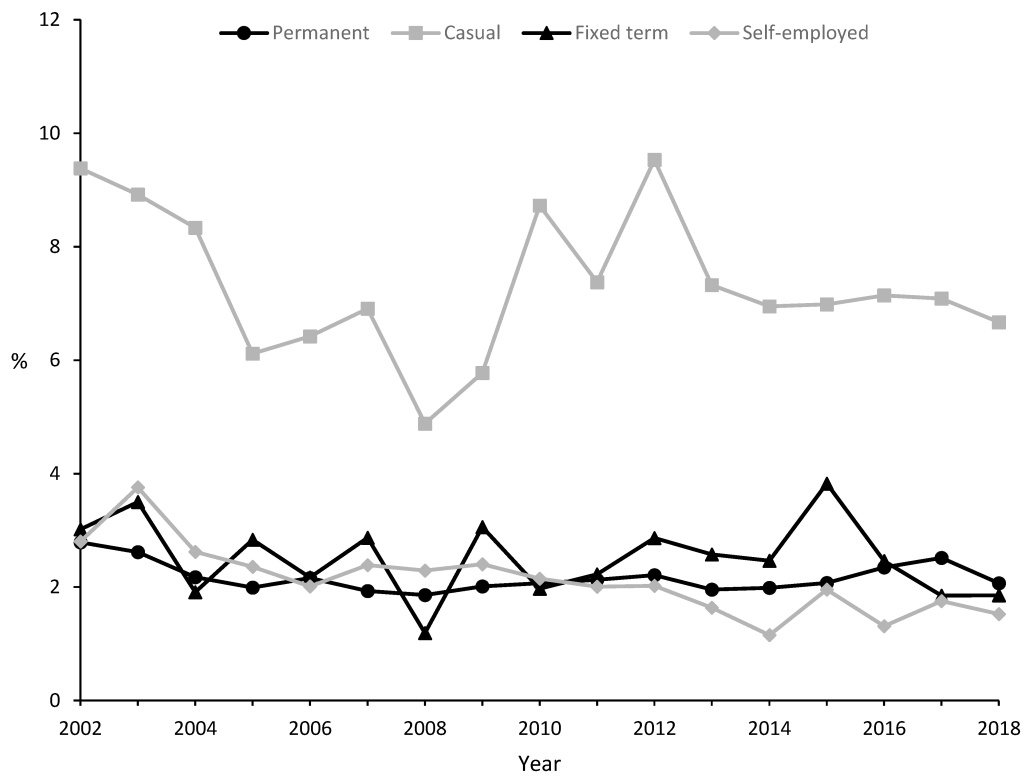


## ONLINE APPENDIX

**Figure A1** Proportion of those with irregular jobs in each employment type, men and women combined, 2002-2018, analytical sample



Note: Other employment has not been reported due to very low numbers in some years.

**Table A1** Age, marital status and education level by employment type and sex, 2002-2018, analytical sample

	Men			Women		
	Permanent	Casual	Fixed term	Permanent	Casual	Fixed term
<i>Age group</i>						
15-24 years	8.0	25.2	14.0	8.7	19.1	11.2
25-34 years	24.6	22.8	27.1	22.4	18.3	27.0
35-44 years	27.1	17.3	24.0	25.0	23.4	23.8
45-54 years	26.0	16.2	21.4	28.2	24.6	25.6
55-64 years	14.3	18.5	13.5	15.7	14.6	12.3
<i>Marital status</i>						
Partnered	76.3	56.7	73.0	70.6	63.9	67.6
Single	23.7	43.3	27.0	29.4	36.1	32.4
<i>Education level</i>						
Bachelor or higher	29.5	15.4	39.7	39.2	21.3	49.8
Year 12, Diploma, Cert III/IV	54.4	56.1	47.4	43.2	49.5	38.6
Less than year 12	16.1	28.5	12.9	17.6	29.2	11.7
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note: Self-employment and 'other' employment are separately identified categories in the data but omitted from the table for presentational reasons.

**Table A2** Sample means for the baseline sample

	Men			Women		
	Mean	95% CI		Mean	95% CI	
<i>Employment type</i>						
Permanent	0.64	0.64	0.65	0.64	0.63	0.64
Casual	0.09	0.08	0.09	0.15	0.15	0.15
Fixed term	0.07	0.07	0.08	0.09	0.09	0.10
Self-employed	0.19	0.19	0.20	0.11	0.11	0.11
Other	0.00	0.00	0.00	0.01	0.00	0.01
<i>Age group</i>						
15-24 years	0.09	0.09	0.09	0.10	0.09	0.10
25-34 years	0.22	0.22	0.23	0.21	0.21	0.21
35-44 years	0.26	0.25	0.26	0.25	0.25	0.26
45-54 years	0.26	0.26	0.27	0.28	0.27	0.28
55-64 years	0.17	0.17	0.17	0.16	0.16	0.16
Partnered (Ref.: Single)	0.76	0.75	0.76	0.71	0.70	0.71
Has a child < 15 years (Ref.: No)	0.39	0.39	0.40	0.35	0.35	0.36
Log real equivalised disposable HH income	10.91	10.90	10.91	10.93	10.92	10.93
<i>Education level</i>						
Bachelor or higher	0.28	0.28	0.29	0.37	0.36	0.37
Year 12, Diploma, Cert III/IV	0.54	0.54	0.55	0.44	0.43	0.44
Less than year 12	0.18	0.17	0.18	0.19	0.19	0.20
Weekly hours in main job	43.03	42.93	43.13	32.74	32.62	32.85
Weekly hours in main job (squared)	1996.17	1986.58	2005.75	1240.11	1232.07	1248.15
<i>Industry</i>						
Agriculture, Forestry & Fishing	0.04	0.04	0.04	0.02	0.02	0.02
Mining	0.03	0.03	0.03	0.01	0.01	0.01
Manufacturing	0.13	0.13	0.13	0.04	0.04	0.05
Electricity, Gas, Water & Waste Services	0.02	0.02	0.02	0.00	0.00	0.01
Construction	0.13	0.13	0.14	0.02	0.02	0.02
Wholesale Trade	0.05	0.04	0.05	0.02	0.02	0.02
Retail Trade	0.07	0.06	0.07	0.10	0.09	0.10
Accommodation & Food Services	0.03	0.03	0.03	0.05	0.05	0.05
Transport, Postal & Warehousing	0.07	0.07	0.07	0.02	0.02	0.02
Information Media & Telecommunications	0.02	0.02	0.02	0.02	0.02	0.02
Financial & Insurance Services	0.04	0.03	0.04	0.04	0.04	0.05
Rental, Hiring & Real Estate Services	0.01	0.01	0.01	0.02	0.01	0.02
Professional, Scientific & Tech. Services	0.09	0.08	0.09	0.08	0.08	0.08
Administrative & Support Services	0.03	0.02	0.03	0.03	0.03	0.03
Public Administration & Safety	0.09	0.08	0.09	0.06	0.06	0.07
Education & Training	0.06	0.06	0.06	0.17	0.16	0.17
Health Care & Social Assistance	0.05	0.05	0.05	0.25	0.24	0.25
Arts & Recreation Services	0.02	0.02	0.02	0.01	0.01	0.02
Other Services	0.04	0.04	0.04	0.04	0.03	0.04
<i>Occupation</i>						
Managers	0.18	0.18	0.19	0.11	0.11	0.11
Professionals	0.22	0.22	0.23	0.32	0.31	0.32
Technicians & Trades Workers	0.22	0.22	0.22	0.04	0.04	0.04
Community & Personal Service Workers	0.06	0.06	0.06	0.14	0.14	0.15
Clerical & Administrative Workers	0.07	0.07	0.08	0.24	0.24	0.24
Sales Workers	0.05	0.04	0.05	0.08	0.08	0.09
Machinery Operators & Drivers	0.11	0.10	0.11	0.01	0.01	0.01
Labourers	0.09	0.09	0.09	0.06	0.05	0.06
Number of observations <sup>a</sup>		52,606			48,312	

Notes: Not reported are year dummies, the lagged dependent variable and the initial conditions.

a The underlying sample is the one in which all eight health attributes were non-missing.

**Table A3** Association between SF-36 health attributes and employment type, pooled OLS model

	Men			Women		
	Coefficient	95% CI		Coefficient	95% CI	
Physical Functioning						
Casual	-1.09	-1.84	-0.34	-0.21	-0.88	0.47
Fixed term	-0.68	-1.27	-0.09	-0.07	-0.67	0.53
Role-Physical						
Casual	-0.62	-1.66	0.42	0.22	-0.81	1.26
Fixed term	-0.33	-1.24	0.57	0.53	-0.53	1.58
Bodily Pain						
Casual	-1.42	-2.26	-0.57	-0.24	-1.03	0.55
Fixed term	-0.86	-1.59	-0.13	0.01	-0.78	0.81
General Health						
Casual	-1.23	-2.04	-0.42	-0.07	-0.85	0.71
Fixed term	0.39	-0.42	1.21	-0.44	-1.22	0.34
Vitality						
Casual	-1.00	-1.79	-0.21	0.14	-0.61	0.89
Fixed term	-0.46	-1.23	0.31	-0.55	-1.36	0.25
Social Functioning						
Casual	-1.62	-2.42	-0.83	-0.72	-1.46	0.03
Fixed term	-0.59	-1.28	0.09	-0.66	-1.42	0.11
Role-Emotional						
Casual	-0.69	-1.67	0.28	-0.76	-1.70	0.19
Fixed term	-0.29	-1.26	0.68	-0.61	-1.68	0.45
Mental Health						
Casual	-1.63	-2.30	-0.96	-1.04	-1.66	-0.43
Fixed term	-0.58	-1.23	0.06	-0.86	-1.50	-0.23

Note: The regression coefficients indicate the magnitude of the mean difference on the 0-100 SF-36 scales between each category of worker and the reference group (permanent workers). Self-employment and 'other' employment are included as categories in the model but omitted from the table for presentational reasons.

**Table A4.1** Association between Physical Functioning and employment type, dynamic correlated effects panel data model, full results

	Men			Women		
	Coef.	95% CI		Coef.	95% CI	
Lagged dependent variable	0.13	0.11	0.15	0.21	0.19	0.23
Initial conditions	0.25	0.22	0.28	0.29	0.26	0.32
<i>Employment type</i>						
Permanent	Ref.			Ref.		
Casual	0.55	-0.11	1.20	0.27	-0.26	0.80
Fixed term	-0.36	-0.91	0.19	0.19	-0.27	0.65
Self-employed	-0.03	-0.67	0.61	0.32	-0.35	0.99
Other	-0.67	-2.97	1.62	-0.80	-2.52	0.92
<i>Age group</i>						
15-24 years	Ref.			Ref.		
25-34 years	0.97	0.12	1.83	1.10	0.39	1.80
35-44 years	1.42	0.34	2.51	2.86	1.85	3.87
45-54 years	1.02	-0.32	2.36	2.92	1.65	4.18
55-64 years	-0.34	-1.92	1.25	2.80	1.28	4.32
Partnered (Ref.: Single)	0.47	-0.14	1.08	-0.64	-1.13	-0.14
Has a child < 15 years (Ref.: No)	0.35	-0.07	0.76	0.70	0.26	1.15
Log real equivalised disposable HH income	0.08	-0.14	0.31	-0.13	-0.30	0.05
<i>Education level</i>						
Bachelor or higher	-0.34	-2.53	1.84	1.03	-0.71	2.76
Year 12, Diploma, Cert III/IV	-0.84	-2.78	1.09	-0.27	-1.52	0.98
Less than year 12	Ref.			Ref.		
Weekly hours in main job	0.07	0.02	0.12	0.04	0.00	0.08
Weekly hours in main job (squared)	0.00	0.00	0.00	0.00	0.00	0.00
<i>Industry</i>						
Agriculture, Forestry & Fishing	Ref.			Ref.		
Mining	-0.53	-2.34	1.28	1.90	-0.75	4.55
Manufacturing	-0.28	-1.76	1.20	0.86	-0.92	2.63
Electricity, Gas, Water & Waste Services	-1.13	-3.18	0.92	2.78	-0.75	6.31
Construction	0.06	-1.43	1.54	0.24	-1.73	2.21
Wholesale Trade	-0.78	-2.36	0.81	1.16	-0.58	2.90
Retail Trade	-0.72	-2.30	0.86	0.87	-0.85	2.59
Accommodation & Food Services	-0.89	-2.67	0.88	1.15	-0.61	2.92
Transport, Postal & Warehousing	-0.57	-2.19	1.05	-0.30	-2.48	1.88
Information Media & Telecommunications	-1.56	-3.35	0.24	1.06	-0.99	3.12
Financial & Insurance Services	-0.35	-2.28	1.58	0.54	-1.35	2.43
Rental, Hiring & Real Estate Services	0.20	-2.01	2.42	2.24	0.14	4.35
Professional, Scientific & Tech. Services	-0.76	-2.30	0.79	0.32	-1.43	2.06
Administrative & Support Services	-0.49	-2.26	1.29	-0.37	-2.16	1.42
Public Administration & Safety	0.32	-1.23	1.88	0.74	-0.98	2.45
Education & Training	0.78	-0.94	2.50	0.03	-1.68	1.73
Health Care & Social Assistance	-1.29	-3.10	0.52	0.51	-1.15	2.17
Arts & Recreation Services	0.29	-1.52	2.10	0.91	-1.11	2.93
Other Services	-0.53	-2.15	1.09	0.17	-1.63	1.98
<i>Occupation</i>						
Managers	Ref.			Ref.		
Professionals	0.36	-0.15	0.87	-0.28	-0.85	0.30
Technicians & Trades Workers	-0.09	-0.75	0.56	-0.63	-1.60	0.34
Community & Personal Service Workers	0.46	-0.50	1.41	-0.96	-1.73	-0.20
Clerical & Administrative Workers	-0.23	-0.93	0.48	-0.43	-1.03	0.17
Sales Workers	-0.35	-1.25	0.56	-0.64	-1.50	0.21
Machinery Operators & Drivers	0.37	-0.56	1.29	-0.64	-2.86	1.58
Labourers	0.46	-0.39	1.32	-0.80	-1.91	0.31
Constant	42.92	35.62	50.22	34.93	27.94	41.93
Number of observations		53,609			49,402	
Number of persons		8,198			8,080	

Note: Not reported are year dummies and within-individual means for all time-varying variables in the model.

**Table A4.2** Association between Role-Physical and employment type, dynamic correlated effects panel data model, full results

	Men			Women		
	Coef.	95% CI		Coef.	95% CI	
Lagged dependent variable	0.18	0.16	0.19	0.25	0.23	0.26
Initial conditions	0.19	0.17	0.21	0.20	0.18	0.22
<i>Employment type</i>						
Permanent	Ref.			Ref.		
Casual	1.15	0.09	2.20	1.79	0.79	2.80
Fixed term	0.68	-0.21	1.56	1.75	0.78	2.71
Self-employed	-0.28	-1.37	0.81	0.78	-0.67	2.23
Other	0.38	-3.48	4.25	-1.47	-5.54	2.60
<i>Age group</i>						
15-24 years	Ref.			Ref.		
25-34 years	0.79	-0.31	1.89	0.10	-1.29	1.49
35-44 years	1.09	-0.51	2.69	1.66	-0.45	3.77
45-54 years	1.18	-0.93	3.28	2.62	-0.04	5.27
55-64 years	0.22	-2.47	2.90	2.89	-0.37	6.15
Partnered (Ref.: Single)	0.56	-0.38	1.51	-0.84	-1.80	0.11
Has a child < 15 years (Ref.: No)	0.13	-0.55	0.81	1.23	0.38	2.08
Log real equivalised disposable HH income	0.39	-0.01	0.80	0.09	-0.38	0.56
<i>Education level</i>						
Bachelor or higher	1.79	-1.65	5.24	-1.27	-4.47	1.92
Year 12, Diploma, Cert III/IV	1.90	-0.64	4.44	-0.39	-2.32	1.55
Less than year 12	Ref.			Ref.		
Weekly hours in main job	0.11	0.00	0.21	0.10	0.01	0.19
Weekly hours in main job (squared)	0.00	0.00	0.00	0.00	0.00	0.00
<i>Industry</i>						
Agriculture, Forestry & Fishing	Ref.			Ref.		
Mining	0.14	-2.96	3.25	3.00	-2.05	8.06
Manufacturing	0.02	-2.63	2.67	3.76	-0.38	7.89
Electricity, Gas, Water & Waste Services	2.38	-0.87	5.64	2.14	-4.21	8.49
Construction	0.12	-2.54	2.78	3.76	-0.79	8.30
Wholesale Trade	-0.31	-3.04	2.43	2.14	-1.97	6.24
Retail Trade	1.14	-1.63	3.91	1.76	-2.13	5.65
Accommodation & Food Services	1.66	-1.52	4.84	2.18	-1.85	6.21
Transport, Postal & Warehousing	0.45	-2.25	3.15	1.93	-2.61	6.46
Information Media & Telecommunications	-0.19	-3.80	3.42	0.66	-4.09	5.42
Financial & Insurance Services	1.13	-2.09	4.36	3.52	-0.74	7.78
Rental, Hiring & Real Estate Services	0.72	-2.95	4.40	4.33	-0.38	9.05
Professional, Scientific & Tech. Services	1.06	-1.77	3.89	2.11	-1.99	6.21
Administrative & Support Services	-0.13	-3.26	3.00	2.15	-1.98	6.29
Public Administration & Safety	0.50	-2.54	3.53	1.37	-2.72	5.45
Education & Training	1.41	-1.72	4.53	2.33	-1.59	6.24
Health Care & Social Assistance	1.20	-2.05	4.45	3.22	-0.63	7.07
Arts & Recreation Services	0.22	-3.23	3.68	1.13	-3.37	5.64
Other Services	0.09	-2.86	3.04	3.66	-0.46	7.77
<i>Occupation</i>						
Managers	Ref.			Ref.		
Professionals	-0.14	-1.10	0.82	0.23	-1.14	1.60
Technicians & Trades Workers	-0.20	-1.31	0.92	0.13	-1.93	2.19
Community & Personal Service Workers	-1.90	-3.64	-0.16	-0.47	-2.06	1.12
Clerical & Administrative Workers	0.12	-1.10	1.35	0.47	-0.86	1.80
Sales Workers	-1.63	-3.09	-0.18	-0.95	-2.66	0.77
Machinery Operators & Drivers	0.06	-1.44	1.56	2.61	-0.55	5.78
Labourers	-0.28	-1.68	1.12	-1.03	-3.24	1.19
Constant	26.90	16.10	37.70	26.95	16.67	37.22
Number of observations		53,798			49,482	
Number of persons		8,204			8,086	

Note: Not reported are year dummies and within-individual means for all time-varying variables in the model.

**Table A4.3** Association between Bodily Pain and employment type, dynamic correlated effects panel data model, full results

	Men			Women		
	Coef.	95% CI		Coef.	95% CI	
Lagged dependent variable	0.23	0.22	0.24	0.24	0.23	0.25
Initial conditions	0.24	0.23	0.26	0.29	0.28	0.31
<i>Employment type</i>						
Permanent	Ref.			Ref.		
Casual	0.37	-0.35	1.10	0.90	0.25	1.54
Fixed term	-0.14	-0.77	0.50	0.43	-0.18	1.04
Self-employed	-0.43	-1.14	0.27	0.60	-0.28	1.49
Other	0.07	-2.62	2.76	-1.45	-3.63	0.72
<i>Age group</i>						
15-24 years	Ref.			Ref.		
25-34 years	0.68	-0.18	1.55	1.13	0.22	2.04
35-44 years	0.76	-0.42	1.93	2.05	0.73	3.38
45-54 years	0.77	-0.69	2.23	2.06	0.43	3.69
55-64 years	0.17	-1.62	1.97	2.82	0.83	4.81
Partnered (Ref.: Single)	-0.50	-1.14	0.15	-1.03	-1.70	-0.36
Has a child < 15 years (Ref.: No)	-0.21	-0.68	0.25	0.58	0.03	1.12
Log real equivalised disposable HH income	0.23	-0.03	0.49	-0.08	-0.36	0.20
<i>Education level</i>						
Bachelor or higher	0.82	-1.64	3.28	-1.13	-3.55	1.29
Year 12, Diploma, Cert III/IV	0.87	-1.02	2.77	-0.64	-2.25	0.96
Less than year 12	Ref.			Ref.		
Weekly hours in main job	0.02	-0.05	0.08	0.03	-0.03	0.08
Weekly hours in main job (squared)	0.00	0.00	0.00	0.00	0.00	0.00
<i>Industry</i>						
Agriculture, Forestry & Fishing	Ref.			Ref.		
Mining	0.07	-1.95	2.08	0.45	-3.01	3.91
Manufacturing	-1.16	-2.72	0.39	0.54	-1.83	2.91
Electricity, Gas, Water & Waste Services	-0.59	-2.76	1.57	-0.60	-4.63	3.43
Construction	-0.85	-2.45	0.74	0.97	-1.80	3.75
Wholesale Trade	-0.72	-2.32	0.88	0.07	-2.36	2.51
Retail Trade	-1.15	-2.79	0.50	0.13	-2.14	2.39
Accommodation & Food Services	-0.24	-2.24	1.76	0.09	-2.25	2.43
Transport, Postal & Warehousing	-1.03	-2.70	0.64	-0.07	-2.77	2.64
Information Media & Telecommunications	-1.17	-3.21	0.87	-0.89	-3.77	1.99
Financial & Insurance Services	-0.53	-2.62	1.55	0.16	-2.47	2.79
Rental, Hiring & Real Estate Services	-0.91	-3.22	1.39	1.44	-1.42	4.30
Professional, Scientific & Tech. Services	-0.32	-1.96	1.33	-0.10	-2.43	2.23
Administrative & Support Services	-1.55	-3.42	0.33	0.02	-2.38	2.42
Public Administration & Safety	-0.49	-2.15	1.17	-0.46	-2.81	1.89
Education & Training	-0.17	-2.08	1.75	0.45	-1.81	2.70
Health Care & Social Assistance	-1.06	-3.04	0.92	0.22	-1.99	2.43
Arts & Recreation Services	-0.30	-2.46	1.86	-0.45	-3.26	2.36
Other Services	-1.04	-2.79	0.72	0.34	-2.11	2.78
<i>Occupation</i>						
Managers	Ref.			Ref.		
Professionals	0.08	-0.56	0.72	-0.16	-0.97	0.64
Technicians & Trades Workers	-0.53	-1.27	0.22	-0.18	-1.49	1.12
Community & Personal Service Workers	-0.17	-1.36	1.02	0.22	-0.78	1.21
Clerical & Administrative Workers	-0.25	-1.11	0.61	0.03	-0.82	0.88
Sales Workers	-0.61	-1.56	0.34	-1.02	-2.12	0.08
Machinery Operators & Drivers	-0.82	-1.79	0.15	0.13	-2.09	2.34
Labourers	-0.47	-1.42	0.48	-1.79	-3.23	-0.35
Constant	36.20	29.44	42.96	26.97	19.17	34.78
Number of observations		54,010			49,656	
Number of persons		8,231			8,095	

Note: Not reported are year dummies and within-individual means for all time-varying variables in the model.

**Table A4.4** Association between General Health and employment type, dynamic correlated effects panel data model, full results

	Men			Women		
	Coef.	95% CI		Coef.	95% CI	
Lagged dependent variable	0.44	0.43	0.46	0.46	0.45	0.48
Initial conditions	0.30	0.28	0.31	0.30	0.28	0.31
<i>Employment type</i>						
Permanent	Ref.			Ref.		
Casual	0.44	-0.07	0.96	0.41	-0.02	0.85
Fixed term	0.00	-0.45	0.44	0.07	-0.35	0.48
Self-employed	-0.04	-0.52	0.44	0.46	-0.14	1.06
Other	0.17	-1.58	1.93	-1.28	-2.93	0.37
<i>Age group</i>						
15-24 years	Ref.			Ref.		
25-34 years	0.67	0.05	1.29	1.92	1.27	2.57
35-44 years	0.99	0.16	1.81	2.15	1.23	3.07
45-54 years	0.90	-0.12	1.93	2.02	0.88	3.15
55-64 years	1.12	-0.11	2.36	1.96	0.58	3.34
Partnered (Ref.: Single)	-0.12	-0.55	0.31	-0.09	-0.53	0.36
Has a child < 15 years (Ref.: No)	-0.65	-0.95	-0.34	-0.13	-0.48	0.23
Log real equivalised disposable HH income	0.09	-0.09	0.27	0.00	-0.20	0.20
<i>Education level</i>						
Bachelor or higher	-1.54	-3.24	0.15	-1.45	-3.04	0.14
Year 12, Diploma, Cert III/IV	-1.12	-2.28	0.03	-0.83	-1.80	0.15
Less than year 12	Ref.			Ref.		
Weekly hours in main job	0.09	0.05	0.14	0.06	0.03	0.10
Weekly hours in main job (squared)	0.00	0.00	0.00	0.00	0.00	0.00
<i>Industry</i>						
Agriculture, Forestry & Fishing	Ref.			Ref.		
Mining	0.08	-1.30	1.46	-0.31	-2.57	1.94
Manufacturing	-0.06	-1.13	1.02	-0.80	-2.61	1.01
Electricity, Gas, Water & Waste Services	0.44	-1.09	1.97	-2.23	-5.06	0.60
Construction	0.19	-0.92	1.31	-0.94	-2.94	1.05
Wholesale Trade	0.12	-1.03	1.27	-0.29	-2.12	1.55
Retail Trade	0.16	-1.03	1.36	-0.22	-1.95	1.51
Accommodation & Food Services	-0.27	-1.67	1.13	-0.93	-2.74	0.89
Transport, Postal & Warehousing	0.52	-0.68	1.72	-0.61	-2.62	1.41
Information Media & Telecommunications	-0.37	-1.86	1.12	-0.70	-2.77	1.36
Financial & Insurance Services	-0.41	-1.89	1.08	-1.02	-2.91	0.88
Rental, Hiring & Real Estate Services	-0.04	-1.54	1.47	0.05	-2.10	2.21
Professional, Scientific & Tech. Services	0.24	-0.93	1.41	-0.98	-2.78	0.83
Administrative & Support Services	0.21	-1.10	1.52	-0.84	-2.69	1.01
Public Administration & Safety	-0.01	-1.20	1.19	-0.90	-2.67	0.87
Education & Training	0.31	-1.01	1.62	-1.55	-3.29	0.18
Health Care & Social Assistance	0.04	-1.33	1.42	-0.48	-2.19	1.23
Arts & Recreation Services	0.36	-1.05	1.77	-1.66	-3.68	0.37
Other Services	-0.47	-1.71	0.77	-0.63	-2.49	1.22
<i>Occupation</i>						
Managers	Ref.			Ref.		
Professionals	-0.13	-0.58	0.31	0.20	-0.39	0.78
Technicians & Trades Workers	0.29	-0.22	0.79	-0.71	-1.64	0.21
Community & Personal Service Workers	-0.29	-1.11	0.53	-0.55	-1.24	0.14
Clerical & Administrative Workers	-0.03	-0.59	0.54	-0.15	-0.74	0.43
Sales Workers	0.09	-0.64	0.81	-0.62	-1.37	0.12
Machinery Operators & Drivers	0.53	-0.15	1.22	0.20	-1.33	1.74
Labourers	0.60	-0.02	1.21	0.33	-0.61	1.26
Constant	12.33	7.59	17.07	8.62	3.37	13.86
Number of observations		53,890			49,393	
Number of persons		8,217			8,080	

Note: Not reported are year dummies and within-individual means for all time-varying variables in the model.



**Table A4.5** Association between Vitality and employment type, dynamic correlated effects panel data model, full results

	Men			Women		
	Coef.	95% CI		Coef.	95% CI	
Lagged dependent variable	0.37	0.35	0.38	0.37	0.36	0.39
Initial conditions	0.29	0.28	0.31	0.30	0.28	0.31
<i>Employment type</i>						
Permanent	Ref.			Ref.		
Casual	0.53	-0.04	1.10	0.65	0.13	1.18
Fixed term	-0.02	-0.53	0.49	0.48	-0.02	0.99
Self-employed	0.51	-0.05	1.08	0.48	-0.23	1.19
Other	-0.72	-3.04	1.60	0.05	-2.08	2.18
<i>Age group</i>						
15-24 years	Ref.			Ref.		
25-34 years	0.45	-0.22	1.11	-1.02	-1.75	-0.30
35-44 years	0.42	-0.48	1.33	-1.06	-2.11	-0.01
45-54 years	0.69	-0.43	1.82	-0.93	-2.24	0.37
55-64 years	1.29	-0.08	2.67	-0.14	-1.73	1.46
Partnered (Ref.: Single)	-0.48	-0.99	0.03	-1.00	-1.53	-0.46
Has a child < 15 years (Ref.: No)	-1.21	-1.56	-0.87	-1.84	-2.26	-1.42
Log real equivalised disposable HH income	0.23	0.05	0.42	0.18	-0.07	0.44
<i>Education level</i>						
Bachelor or higher	0.33	-1.53	2.18	-0.51	-2.33	1.31
Year 12, Diploma, Cert III/IV	0.30	-0.98	1.57	-0.39	-1.52	0.74
Less than year 12	Ref.			Ref.		
Weekly hours in main job	-0.01	-0.06	0.04	0.00	-0.04	0.05
Weekly hours in main job (squared)	0.00	0.00	0.00	0.00	0.00	0.00
<i>Industry</i>						
Agriculture, Forestry & Fishing	Ref.			Ref.		
Mining	0.52	-0.97	2.01	1.33	-1.62	4.28
Manufacturing	-0.67	-1.81	0.48	-0.83	-2.90	1.24
Electricity, Gas, Water & Waste Services	-1.08	-2.69	0.53	-0.40	-3.63	2.84
Construction	-0.66	-1.83	0.50	-0.03	-2.36	2.29
Wholesale Trade	-0.23	-1.42	0.96	-0.89	-3.00	1.23
Retail Trade	0.13	-1.13	1.38	-0.21	-2.23	1.82
Accommodation & Food Services	-0.13	-1.65	1.39	-1.32	-3.35	0.71
Transport, Postal & Warehousing	-0.15	-1.40	1.09	-1.20	-3.44	1.05
Information Media & Telecommunications	-0.60	-2.17	0.97	-0.14	-2.48	2.21
Financial & Insurance Services	-0.22	-1.88	1.44	-0.36	-2.58	1.86
Rental, Hiring & Real Estate Services	-0.20	-1.98	1.59	-0.60	-3.03	1.82
Professional, Scientific & Tech. Services	-0.67	-1.88	0.54	-1.47	-3.57	0.62
Administrative & Support Services	-0.12	-1.51	1.27	-1.56	-3.64	0.52
Public Administration & Safety	-0.19	-1.46	1.07	-1.85	-3.91	0.21
Education & Training	-0.82	-2.31	0.67	-2.04	-4.02	-0.06
Health Care & Social Assistance	-0.18	-1.61	1.24	-1.13	-3.09	0.83
Arts & Recreation Services	0.39	-1.14	1.92	-1.44	-3.86	0.99
Other Services	-0.63	-1.95	0.68	-0.36	-2.50	1.78
<i>Occupation</i>						
Managers	Ref.			Ref.		
Professionals	0.02	-0.47	0.52	0.46	-0.21	1.12
Technicians & Trades Workers	-0.02	-0.59	0.55	-0.38	-1.45	0.68
Community & Personal Service Workers	-0.41	-1.35	0.53	0.61	-0.15	1.37
Clerical & Administrative Workers	-0.16	-0.78	0.46	-0.10	-0.77	0.57
Sales Workers	-0.22	-1.04	0.60	-0.47	-1.32	0.38
Machinery Operators & Drivers	-0.56	-1.32	0.20	0.55	-1.10	2.20
Labourers	0.22	-0.50	0.94	-0.06	-1.12	1.01
Constant	12.49	7.27	17.71	4.47	-1.47	10.40
Number of observations		54,290			49,885	
Number of persons		8,237			8,113	

Note: Not reported are year dummies and within-individual means for all time-varying variables in the model.

**Table A4.6** Association between Social Functioning and employment type, dynamic correlated effects panel data model, full results

	Men			Women		
	Coef.	95% CI		Coef.	95% CI	
Lagged dependent variable	0.22	0.21	0.24	0.22	0.21	0.24
Initial conditions	0.23	0.22	0.25	0.26	0.24	0.27
<i>Employment type</i>						
Permanent	Ref.			Ref.		
Casual	1.00	0.28	1.73	0.58	-0.07	1.23
Fixed term	0.25	-0.37	0.87	0.83	0.20	1.47
Self-employed	0.18	-0.54	0.90	0.71	-0.24	1.65
Other	-0.31	-3.24	2.62	0.45	-1.98	2.88
<i>Age group</i>						
15-24 years	Ref.			Ref.		
25-34 years	-0.18	-1.01	0.65	-0.54	-1.51	0.43
35-44 years	0.12	-1.02	1.26	0.39	-0.97	1.75
45-54 years	0.14	-1.28	1.57	0.39	-1.30	2.09
55-64 years	0.39	-1.36	2.14	1.16	-0.90	3.22
Partnered (Ref.: Single)	2.33	1.61	3.04	1.21	0.49	1.92
Has a child < 15 years (Ref.: No)	-0.20	-0.65	0.25	0.60	0.04	1.16
Log real equivalised disposable HH income	0.31	0.03	0.59	0.32	-0.04	0.68
<i>Education level</i>						
Bachelor or higher	1.49	-0.99	3.97	0.30	-2.18	2.77
Year 12, Diploma, Cert III/IV	0.43	-1.38	2.24	0.44	-1.13	2.01
Less than year 12	Ref.			Ref.		
Weekly hours in main job	0.05	-0.01	0.11	0.05	-0.01	0.11
Weekly hours in main job (squared)	0.00	0.00	0.00	0.00	0.00	0.00
<i>Industry</i>						
Agriculture, Forestry & Fishing	Ref.			Ref.		
Mining	2.08	0.03	4.13	1.20	-2.48	4.88
Manufacturing	0.42	-1.20	2.05	-0.68	-3.44	2.07
Electricity, Gas, Water & Waste Services	1.68	-0.53	3.88	-2.13	-5.90	1.63
Construction	0.73	-0.90	2.35	-0.79	-3.82	2.24
Wholesale Trade	-0.19	-1.89	1.50	-0.03	-2.77	2.70
Retail Trade	0.68	-1.05	2.40	-1.01	-3.66	1.63
Accommodation & Food Services	1.03	-0.95	3.02	-1.15	-3.87	1.56
Transport, Postal & Warehousing	-0.28	-2.02	1.47	-2.01	-4.98	0.97
Information Media & Telecommunications	0.15	-1.94	2.24	-3.18	-6.28	-0.08
Financial & Insurance Services	0.43	-1.74	2.61	0.63	-2.31	3.57
Rental, Hiring & Real Estate Services	1.98	-0.38	4.35	0.33	-2.86	3.52
Professional, Scientific & Tech. Services	0.65	-1.06	2.36	-2.43	-5.18	0.32
Administrative & Support Services	0.79	-1.14	2.72	-1.35	-4.10	1.39
Public Administration & Safety	1.19	-0.54	2.93	-1.63	-4.33	1.06
Education & Training	0.87	-1.15	2.90	-0.96	-3.54	1.62
Health Care & Social Assistance	0.67	-1.30	2.64	-0.91	-3.48	1.66
Arts & Recreation Services	1.20	-0.95	3.34	-2.43	-5.56	0.70
Other Services	0.27	-1.57	2.11	-1.55	-4.34	1.24
<i>Occupation</i>						
Managers	Ref.			Ref.		
Professionals	0.11	-0.51	0.73	0.91	0.08	1.74
Technicians & Trades Workers	0.69	-0.04	1.42	-0.22	-1.60	1.16
Community & Personal Service Workers	-0.66	-1.91	0.58	0.28	-0.73	1.29
Clerical & Administrative Workers	0.45	-0.36	1.25	0.26	-0.59	1.10
Sales Workers	-0.45	-1.39	0.49	-0.02	-1.15	1.12
Machinery Operators & Drivers	0.29	-0.67	1.25	0.79	-1.31	2.88
Labourers	0.19	-0.72	1.10	0.95	-0.41	2.32
Constant	23.71	17.0	30.41	18.26	10.43	26.10
Number of observations		56,444			50,173	
Number of persons		8,264			8,125	

Note: Not reported are year dummies and within-individual means for all time-varying variables in the model.

**Table A4.7** Association between Role-Emotional and employment type, dynamic correlated effects panel data model, full results

	Men			Women		
	Coef.	95% CI		Coef.	95% CI	
Lagged dependent variable	0.18	0.16	0.19	0.18	0.16	0.19
Initial conditions	0.21	0.19	0.23	0.21	0.19	0.23
<i>Employment type</i>						
Permanent	Ref.			Ref.		
Casual	1.81	0.73	2.89	1.24	0.24	2.24
Fixed term	0.47	-0.42	1.35	1.20	0.24	2.16
Self-employed	-0.93	-2.03	0.18	0.46	-1.09	2.01
Other	-4.44	-9.31	0.43	0.72	-3.02	4.46
<i>Age group</i>						
15-24 years	Ref.			Ref.		
25-34 years	-0.80	-1.98	0.38	-2.22	-3.78	-0.66
35-44 years	-0.77	-2.47	0.92	-2.18	-4.32	-0.04
45-54 years	0.02	-2.09	2.13	-2.82	-5.39	-0.25
55-64 years	1.29	-1.30	3.89	-2.29	-5.39	0.80
Partnered (Ref.: Single)	2.61	1.55	3.68	2.40	1.31	3.50
Has a child < 15 years (Ref.: No)	0.09	-0.59	0.76	0.03	-0.79	0.86
Log real equivalised disposable HH income	-0.05	-0.51	0.40	0.04	-0.42	0.50
<i>Education level</i>						
Bachelor or higher	0.29	-3.11	3.69	-2.24	-6.32	1.85
Year 12, Diploma, Cert III/IV	0.04	-2.45	2.54	-1.18	-3.56	1.20
Less than year 12	Ref.			Ref.		
Weekly hours in main job	0.09	-0.01	0.19	0.19	0.10	0.29
Weekly hours in main job (squared)	0.00	0.00	0.00	0.00	0.00	0.00
<i>Industry</i>						
Agriculture, Forestry & Fishing	Ref.			Ref.		
Mining	2.46	-0.36	5.29	1.53	-4.21	7.26
Manufacturing	1.66	-0.68	4.01	1.55	-2.16	5.26
Electricity, Gas, Water & Waste Services	1.41	-1.89	4.71	-2.48	-7.70	2.74
Construction	1.73	-0.61	4.07	1.27	-2.80	5.35
Wholesale Trade	1.23	-1.18	3.64	0.69	-2.94	4.32
Retail Trade	3.37	0.84	5.91	1.88	-1.60	5.36
Accommodation & Food Services	2.99	-0.26	6.23	1.26	-2.36	4.87
Transport, Postal & Warehousing	1.93	-0.51	4.37	-0.09	-4.10	3.92
Information Media & Telecommunications	2.16	-1.15	5.48	0.34	-3.75	4.42
Financial & Insurance Services	0.53	-2.67	3.72	3.67	-0.34	7.68
Rental, Hiring & Real Estate Services	1.40	-2.20	5.01	1.71	-2.72	6.15
Professional, Scientific & Tech. Services	0.95	-1.60	3.49	-1.61	-5.11	1.89
Administrative & Support Services	2.35	-0.52	5.22	-0.40	-4.18	3.38
Public Administration & Safety	2.45	-0.17	5.07	0.55	-3.01	4.10
Education & Training	0.28	-2.97	3.53	1.02	-2.43	4.47
Health Care & Social Assistance	1.56	-1.44	4.57	0.85	-2.55	4.24
Arts & Recreation Services	2.05	-1.12	5.22	0.45	-3.78	4.69
Other Services	0.20	-2.47	2.87	1.41	-2.36	5.18
<i>Occupation</i>						
Managers	Ref.			Ref.		
Professionals	-0.11	-1.08	0.86	0.48	-0.79	1.74
Technicians & Trades Workers	1.53	0.43	2.62	-1.06	-3.19	1.07
Community & Personal Service Workers	-0.07	-1.97	1.84	0.52	-0.99	2.04
Clerical & Administrative Workers	0.03	-1.10	1.16	0.01	-1.30	1.32
Sales Workers	-1.49	-2.97	-0.02	-0.18	-1.89	1.54
Machinery Operators & Drivers	1.51	0.16	2.86	-0.06	-3.10	2.98
Labourers	0.97	-0.39	2.32	0.76	-1.32	2.85
Constant	22.12	12.48	31.77	22.43	11.49	33.37
Number of observations		53,763			49,468	
Number of persons		8,203			8,075	

Note: Not reported are year dummies and within-individual means for all time-varying variables in the model.

**Table A4.8** Association between Mental Health and employment type, dynamic correlated effects panel data model, full results

	Men			Women		
	Coef.	95% CI		Coef.	95% CI	
Lagged dependent variable	0.33	0.32	0.35	0.31	0.30	0.33
Initial conditions	0.29	0.27	0.30	0.29	0.27	0.30
<i>Employment type</i>						
Permanent	Ref.			Ref.		
Casual	0.38	-0.15	0.90	-0.04	-0.51	0.42
Fixed term	0.02	-0.42	0.46	0.17	-0.28	0.61
Self-employed	-0.16	-0.64	0.33	-0.06	-0.70	0.58
Other	-1.02	-3.01	0.96	0.17	-1.50	1.83
<i>Age group</i>						
15-24 years	Ref.			Ref.		
25-34 years	-0.67	-1.30	-0.04	-0.79	-1.43	-0.15
35-44 years	-1.01	-1.86	-0.17	-1.13	-2.03	-0.22
45-54 years	-0.78	-1.81	0.25	-1.18	-2.31	-0.05
55-64 years	-0.06	-1.31	1.20	-0.63	-2.04	0.77
Partnered (Ref.: Single)	0.96	0.46	1.46	0.67	0.16	1.18
Has a child < 15 years (Ref.: No)	-0.39	-0.70	-0.08	-0.35	-0.73	0.03
Log real equivalised disposable HH income	0.30	0.12	0.48	0.06	-0.17	0.29
<i>Education level</i>						
Bachelor or higher	-0.07	-1.80	1.65	0.58	-1.15	2.30
Year 12, Diploma, Cert III/IV	-0.11	-1.38	1.17	0.48	-0.71	1.66
Less than year 12	Ref.			Ref.		
Weekly hours in main job	0.04	-0.01	0.09	0.02	-0.02	0.06
Weekly hours in main job (squared)	0.00	0.00	0.00	0.00	0.00	0.00
<i>Industry</i>						
Agriculture, Forestry & Fishing	Ref.			Ref.		
Mining	0.56	-0.83	1.95	1.80	-0.48	4.08
Manufacturing	0.11	-0.98	1.20	-0.74	-2.34	0.86
Electricity, Gas, Water & Waste Services	0.89	-0.52	2.30	-1.48	-4.28	1.32
Construction	-0.06	-1.17	1.05	-0.39	-2.24	1.47
Wholesale Trade	0.09	-1.06	1.25	-0.03	-1.71	1.64
Retail Trade	0.46	-0.74	1.66	-0.13	-1.69	1.44
Accommodation & Food Services	0.37	-1.07	1.82	-1.27	-2.87	0.33
Transport, Postal & Warehousing	0.25	-0.99	1.49	-0.81	-2.62	0.99
Information Media & Telecommunications	0.20	-1.27	1.68	-0.78	-2.57	1.02
Financial & Insurance Services	-0.60	-2.12	0.93	0.12	-1.63	1.87
Rental, Hiring & Real Estate Services	-0.21	-1.83	1.41	-1.38	-3.22	0.46
Professional, Scientific & Tech. Services	0.00	-1.16	1.16	-1.84	-3.38	-0.31
Administrative & Support Services	0.00	-1.30	1.30	-1.61	-3.24	0.01
Public Administration & Safety	0.46	-0.72	1.65	-1.28	-2.85	0.29
Education & Training	-0.14	-1.50	1.22	-1.40	-2.91	0.12
Health Care & Social Assistance	0.75	-0.62	2.12	-0.69	-2.18	0.80
Arts & Recreation Services	1.13	-0.37	2.64	-1.23	-3.05	0.60
Other Services	-0.59	-1.82	0.63	-0.98	-2.70	0.73
<i>Occupation</i>						
Managers	Ref.			Ref.		
Professionals	0.15	-0.30	0.60	0.87	0.31	1.44
Technicians & Trades Workers	0.68	0.16	1.20	-0.26	-1.23	0.71
Community & Personal Service Workers	-0.14	-0.98	0.71	0.94	0.25	1.63
Clerical & Administrative Workers	0.34	-0.23	0.91	-0.11	-0.70	0.48
Sales Workers	0.06	-0.70	0.82	-0.62	-1.41	0.16
Machinery Operators & Drivers	0.16	-0.53	0.85	-0.02	-1.53	1.49
Labourers	0.70	0.04	1.36	0.52	-0.41	1.45
Constant	16.37	11.52	21.21	14.51	9.20	19.82
Number of observations		54,288			49,900	
Number of persons		8,237			8,112	

Note: Not reported are year dummies and within-individual means for all time-varying variables in the model.

**Table A5** Association between SF-36 health attributes and employment type, dynamic correlated effects panel data model, including full-time students

	Men			Women		
	Coefficient	95% CI		Coefficient	95% CI	
Physical Functioning						
Casual	0.51	-0.12	1.13	0.17	-0.30	0.65
Fixed term	-0.36	-0.89	0.17	0.27	-0.17	0.71
Role-Physical						
Casual	0.99	0.04	1.95	1.23	0.32	2.14
Fixed term	0.52	-0.33	1.37	1.61	0.69	2.53
Bodily Pain						
Casual	0.28	-0.39	0.94	0.49	-0.09	1.08
Fixed term	-0.16	-0.78	0.45	0.40	-0.19	0.99
General Health						
Casual	0.45	-0.03	0.94	0.16	-0.25	0.57
Fixed term	-0.12	-0.55	0.31	-0.04	-0.44	0.36
Vitality						
Casual	0.51	-0.01	1.04	0.32	-0.16	0.80
Fixed term	-0.02	-0.51	0.46	0.46	-0.03	0.95
Social Functioning						
Casual	0.83	0.17	1.50	0.39	-0.21	0.98
Fixed term	0.16	-0.44	0.76	0.87	0.26	1.47
Role-Emotional						
Casual	1.35	0.36	2.34	0.91	-0.02	1.84
Fixed term	0.39	-0.48	1.25	1.31	0.39	2.23
Mental Health						
Casual	0.19	-0.30	0.68	-0.15	-0.58	0.28
Fixed term	-0.03	-0.46	0.40	0.21	-0.21	0.64

Notes: The regression coefficients indicate the magnitude of the mean difference on the 0-100 SF-36 scales between each category of worker and the reference group (permanent workers). Self-employment and 'other' employment are included as categories in the model but omitted from the table for presentational reasons. The inclusion of (employed) full-time students increased the number of observations by 5% for men and 8% for women.

**Table A6** Association between SF-36 health attributes and employment type, dynamic correlated effects panel data model, with disability dummy

	Men			Women		
	Coefficient	95% CI		Coefficient	95% CI	
Physical Functioning						
Casual	0.48	-0.17	1.13	0.31	-0.22	0.83
Fixed term	-0.35	-0.90	0.19	0.26	-0.20	0.71
<i>Disability</i>	-8.08	-8.83	-7.33	-8.50	-9.25	-7.75
Role-Physical						
Casual	1.03	-0.01	2.08	1.90	0.91	2.89
Fixed term	0.71	-0.17	1.59	1.93	0.98	2.88
<i>Disability</i>	-18.52	-20.18	-16.87	-20.23	-21.97	-18.50
Bodily Pain						
Casual	0.28	-0.43	1.00	0.94	0.30	1.58
Fixed term	-0.13	-0.76	0.50	0.50	-0.10	1.10
<i>Disability</i>	-9.88	-10.76	-9.00	-10.58	-11.46	-9.70
General Health						
Casual	0.40	-0.11	0.91	0.44	0.01	0.87
Fixed term	-0.01	-0.45	0.44	0.12	-0.29	0.53
<i>Disability</i>	-5.65	-6.26	-5.03	-7.26	-7.91	-6.62
Vitality						
Casual	0.50	-0.06	1.07	0.68	0.16	1.19
Other	-0.63	-2.92	1.66	0.25	-1.84	2.35
<i>Disability</i>	-4.87	-5.51	-4.22	-5.08	-5.76	-4.41
Social Functioning						
Casual	0.93	0.21	1.65	0.63	-0.02	1.27
Fixed term	0.24	-0.37	0.86	0.91	0.28	1.53
<i>Disability</i>	-7.35	-8.31	-6.39	-8.52	-9.50	-7.53
Role-Emotional						
Casual	1.76	0.68	2.84	1.25	0.25	2.25
Fixed term	0.47	-0.41	1.36	1.24	0.28	2.20
<i>Disability</i>	-6.46	-7.77	-5.15	-6.72	-8.13	-5.30
Mental Health						
Casual	0.36	-0.17	0.88	-0.03	-0.50	0.43
Fixed term	0.02	-0.42	0.46	0.19	-0.25	0.63
<i>Disability</i>	-2.60	-3.17	-2.03	-3.18	-3.76	-2.60

Note: The regression coefficients indicate the magnitude of the mean difference on the 0-100 SF-36 scales between each category of worker and the reference group (permanent workers). Self-employment and 'other' employment are included as categories in the model but omitted from the table for presentational reasons.

**Table A7** Association between SF-36 health attributes and employment type, dynamic correlated effects panel data model, with sample attrition dummy

	Men			Women		
	Coefficient	95% CI		Coefficient	95% CI	
Physical Functioning						
Casual	0.55	-0.10	1.21	0.27	-0.26	0.80
Fixed term	-0.36	-0.91	0.19	0.19	-0.27	0.64
<i>Not in sample in t+1</i>	-0.74	-1.25	-0.24	-0.91	-1.36	-0.46
Role-Physical						
Casual	1.15	0.10	2.21	1.79	0.79	2.80
Fixed term	0.68	-0.21	1.56	1.74	0.77	2.70
<i>Not in sample in t+1</i>	-1.33	-2.22	-0.45	-1.84	-2.75	-0.94
Bodily Pain						
Casual	0.38	-0.35	1.10	0.90	0.25	1.55
Fixed term	-0.14	-0.77	0.50	0.42	-0.18	1.03
<i>Not in sample in t+1</i>	-0.41	-0.98	0.17	-0.61	-1.17	-0.06
General Health						
Casual	0.45	-0.07	0.97	0.41	-0.02	0.85
Fixed term	0.00	-0.44	0.44	0.07	-0.35	0.48
<i>Not in sample in t+1</i>	-0.79	-1.21	-0.38	0.05	-0.33	0.44
Vitality						
Casual	0.53	-0.04	1.10	0.65	0.13	1.18
Fixed term	-0.02	-0.53	0.49	0.48	-0.02	0.98
<i>Not in sample in t+1</i>	-0.55	-1.00	-0.10	-0.67	-1.13	-0.21
Social Functioning						
Casual	1.01	0.28	1.74	0.58	-0.07	1.23
Fixed term	0.25	-0.37	0.87	0.83	0.20	1.46
<i>Not in sample in t+1</i>	-1.11	-1.69	-0.53	-0.91	-1.48	-0.34
Role-Emotional						
Casual	1.82	0.74	2.90	1.24	0.24	2.24
Fixed term	0.47	-0.42	1.35	1.19	0.24	2.15
<i>Not in sample in t+1</i>	-1.60	-2.47	-0.74	-0.59	-1.43	0.25
Mental Health						
Casual	0.38	-0.15	0.91	-0.04	-0.51	0.42
Fixed term	0.02	-0.42	0.46	0.16	-0.28	0.61
<i>Not in sample in t+1</i>	-0.81	-1.23	-0.40	-0.23	-0.63	0.17

Note: The regression coefficients indicate the magnitude of the mean difference on the 0-100 SF-36 scales between each category of worker and the reference group (permanent workers). Self-employment and 'other' employment are included as categories in the model but omitted from the table for presentational reasons.

**Table A8** Association between SF-36 health attributes and employment type, dynamic correlated effects panel data model, including unemployed persons

	Men			Women		
	Coefficient	95% CI		Coefficient	95% CI	
Physical Functioning						
Casual	0.11	-0.48	0.70	0.16	-0.33	0.64
Fixed term	-0.20	-0.73	0.32	0.17	-0.27	0.62
Unemployed	-1.34	-2.39	-0.28	-0.46	-1.52	0.60
Role-Physical						
Casual	0.45	-0.49	1.39	1.10	0.19	2.00
Fixed term	0.45	-0.42	1.31	1.75	0.82	2.69
Unemployed	-2.25	-4.03	-0.47	-1.35	-3.47	0.78
Bodily Pain						
Casual	0.09	-0.54	0.73	0.64	0.06	1.22
Fixed term	-0.23	-0.85	0.39	0.48	-0.10	1.07
Unemployed	0.21	-0.90	1.31	0.60	-0.71	1.90
General Health						
Casual	0.19	-0.27	0.65	0.23	-0.16	0.62
Fixed term	-0.05	-0.48	0.38	0.04	-0.36	0.45
Unemployed	0.49	-0.27	1.25	-0.14	-1.02	0.73
Vitality						
Casual	0.89	0.38	1.40	1.04	0.57	1.50
Fixed term	-0.03	-0.52	0.47	0.41	-0.08	0.90
Unemployed	1.18	0.25	2.12	2.00	0.98	3.02
Social Functioning						
Casual	0.73	0.07	1.38	0.29	-0.30	0.88
Fixed term	0.30	-0.30	0.89	0.88	0.26	1.50
Unemployed	-2.14	-3.36	-0.92	-2.06	-3.43	-0.69
Role-Emotional						
Casual	1.27	0.31	2.24	0.49	-0.42	1.40
Fixed term	0.45	-0.41	1.31	1.15	0.21	2.08
Unemployed	-5.92	-7.80	-4.04	-7.65	-10.06	-5.24
Mental Health						
Casual	0.37	-0.11	0.84	-0.04	-0.46	0.39
Fixed term	-0.01	-0.44	0.43	0.17	-0.27	0.60
Unemployed	-2.75	-3.64	-1.87	-2.88	-3.91	-1.85

Notes: The regression coefficients indicate the magnitude of the mean difference on the 0-100 SF-36 scales between each category of worker and the reference group (permanent workers). Self-employment and 'other' employment are included as categories in the model but omitted from the table for presentational reasons. The inclusion of unemployed persons increased the number of observations by 7% for men and 6% for women.



**Table A9** Association between SF-36 health attributes and employment type, dynamic correlated effects panel data model, excluding self-employed

	Men			Women		
	Coefficient	95% CI		Coefficient	95% CI	
Physical Functioning						
Casual	0.49	-0.24	1.22	0.28	-0.30	0.85
Fixed term	-0.52	-1.09	0.05	0.21	-0.27	0.68
Role-Physical						
Casual	0.75	-0.40	1.89	1.18	0.11	2.25
Fixed term	0.72	-0.19	1.63	1.61	0.61	2.60
Bodily Pain						
Casual	0.69	-0.11	1.49	0.85	0.15	1.55
Fixed term	-0.09	-0.77	0.58	0.45	-0.18	1.07
General Health						
Casual	0.42	-0.15	0.99	0.38	-0.09	0.86
Fixed term	0.06	-0.40	0.51	0.07	-0.35	0.50
Vitality						
Casual	0.36	-0.26	0.99	0.59	0.03	1.15
Fixed term	0.01	-0.52	0.54	0.55	0.03	1.06
Social Functioning						
Casual	1.07	0.26	1.88	0.43	-0.27	1.12
Fixed term	0.21	-0.43	0.85	0.75	0.10	1.40
Role-Emotional						
Casual	1.29	0.10	2.47	1.12	0.06	2.18
Fixed term	0.58	-0.35	1.50	1.17	0.18	2.15
Mental Health						
Casual	0.26	-0.32	0.84	-0.09	-0.59	0.40
Fixed term	0.07	-0.39	0.53	0.14	-0.31	0.60

Notes: The regression coefficients indicate the magnitude of the mean difference on the 0-100 SF-36 scales between each category of worker and the reference group (permanent workers). 'Other' employment is included as a category in the model but omitted from the table for presentational reasons. The exclusion of self-employed workers decreased the number of observations by 22% for men and 13% for women.

**Table A10** Association between SF-36 health attributes and casual employment, interacted with age group, marital status and education level

	Men			Women		
	Coef.	95% CI		Coef.	95% CI	
<b>Physical Functioning</b>						
Casual (same as baseline)	0.55	-0.11	1.20	0.27	-0.26	0.80
# 15-24 years	0.62	-0.74	1.99	-0.61	-1.81	0.59
# 25-34 years	0.12	-1.22	1.46	0.70	-0.30	1.69
# 35-44 years	0.77	-0.42	1.97	1.01	0.25	1.77
# 45-54 years	1.28	0.15	2.41	0.03	-0.88	0.94
# 55-64 years	-0.01	-1.33	1.32	-0.31	-1.60	0.97
# Partnered	0.80	0.00	1.61	0.65	0.03	1.28
# Single	0.12	-0.85	1.09	-0.46	-1.30	0.38
# Bachelor or higher	1.41	0.09	2.73	0.73	-0.18	1.63
# Year 12, Diploma, Cert III/IV	0.53	-0.32	1.39	-0.09	-0.79	0.62
# Less than year 12	0.08	-1.18	1.33	0.52	-0.51	1.56
<b>Role-Physical</b>						
Casual (same as baseline)	1.15	0.09	2.20	1.79	0.79	2.80
# 15-24 years	0.17	-1.77	2.12	1.26	-0.60	3.13
# 25-34 years	1.16	-0.72	3.03	3.63	1.77	5.50
# 35-44 years	2.13	0.25	4.01	1.55	-0.07	3.17
# 45-54 years	1.52	-0.55	3.59	0.96	-0.86	2.78
# 55-64 years	0.71	-2.12	3.55	1.74	-0.84	4.31
# Partnered	1.75	0.49	3.00	1.96	0.78	3.15
# Single	0.13	-1.47	1.74	1.47	-0.11	3.06
# Bachelor or higher	2.90	0.47	5.33	2.98	1.04	4.92
# Year 12, Diploma, Cert III/IV	0.72	-0.62	2.06	1.16	-0.19	2.51
# Less than year 12	1.04	-0.88	2.97	1.86	0.17	3.54
<b>Bodily Pain</b>						
Casual (same as baseline)	0.37	-0.35	1.10	0.90	0.25	1.54
# 15-24 years	0.60	-0.80	1.99	1.04	-0.40	2.48
# 25-34 years	-0.85	-2.25	0.54	0.72	-0.60	2.04
# 35-44 years	0.79	-0.59	2.17	0.69	-0.39	1.77
# 45-54 years	1.03	-0.41	2.47	1.17	0.15	2.19
# 55-64 years	0.73	-0.71	2.17	0.90	-0.42	2.21
# Partnered	0.42	-0.46	1.30	0.92	0.16	1.69
# Single	0.30	-0.77	1.37	0.84	-0.18	1.87
# Bachelor or higher	0.43	-1.24	2.10	0.98	-0.16	2.12
# Year 12, Diploma, Cert III/IV	0.37	-0.52	1.27	0.71	-0.18	1.59
# Less than year 12	0.34	-1.05	1.74	1.19	0.03	2.35

	Men			Women		
	Coef.	95% CI		Coef.	95% CI	
<b>General Health</b>						
Casual (same as baseline)	0.44	-0.07	0.96	0.41	-0.02	0.85
# 15-24 years	0.49	-0.70	1.68	0.29	-0.76	1.34
# 25-34 years	-0.19	-1.13	0.75	0.59	-0.25	1.43
# 35-44 years	1.30	0.37	2.24	0.57	-0.12	1.26
# 45-54 years	0.34	-0.62	1.30	0.11	-0.63	0.84
# 55-64 years	0.44	-0.59	1.47	0.55	-0.37	1.48
# Partnered	0.72	0.11	1.33	0.40	-0.10	0.89
# Single	-0.02	-0.81	0.77	0.45	-0.26	1.16
# Bachelor or higher	0.63	-0.53	1.78	0.33	-0.46	1.13
# Year 12, Diploma, Cert III/IV	0.36	-0.29	1.01	0.36	-0.23	0.94
# Less than year 12	0.52	-0.48	1.52	0.61	-0.16	1.38
<b>Vitality</b>						
Casual (same as baseline)	0.53	-0.04	1.10	0.65	0.13	1.18
# 15-24 years	0.41	-0.77	1.60	0.95	-0.27	2.16
# 25-34 years	-0.08	-1.13	0.97	0.70	-0.38	1.78
# 35-44 years	1.00	-0.07	2.07	0.52	-0.30	1.34
# 45-54 years	0.50	-0.61	1.60	0.51	-0.30	1.32
# 55-64 years	1.06	-0.07	2.19	0.77	-0.32	1.87
# Partnered	0.67	-0.01	1.35	0.82	0.22	1.43
# Single	0.28	-0.58	1.13	0.33	-0.51	1.17
# Bachelor or higher	1.20	-0.14	2.54	0.42	-0.56	1.39
# Year 12, Diploma, Cert III/IV	0.43	-0.31	1.16	0.56	-0.14	1.26
# Less than year 12	0.35	-0.70	1.40	1.07	0.15	1.99
<b>Social Functioning</b>						
Casual (same as baseline)	1.00	0.28	1.73	0.58	-0.07	1.23
# 15-24 years	1.28	-0.12	2.69	-0.29	-1.76	1.17
# 25-34 years	0.43	-0.97	1.83	-0.10	-1.43	1.22
# 35-44 years	1.85	0.43	3.26	0.88	-0.20	1.96
# 45-54 years	0.53	-0.88	1.95	0.74	-0.34	1.83
# 55-64 years	1.03	-0.45	2.52	1.81	0.36	3.26
# Partnered	1.22	0.37	2.07	1.10	0.39	1.82
# Single	0.65	-0.47	1.76	-0.42	-1.52	0.69
# Bachelor or higher	1.28	-0.38	2.94	0.65	-0.56	1.87
# Year 12, Diploma, Cert III/IV	0.89	-0.05	1.82	0.50	-0.37	1.37
# Less than year 12	1.10	-0.21	2.40	0.66	-0.49	1.81
<b>Role-Emotional</b>						
Casual (same as baseline)	1.81	0.73	2.89	1.24	0.24	2.24
# 15-24 years	1.61	-0.50	3.72	1.44	-0.90	3.77
# 25-34 years	0.57	-1.45	2.59	-0.63	-2.82	1.55
# 35-44 years	4.38	2.35	6.41	2.07	0.47	3.67
# 45-54 years	0.76	-1.36	2.87	0.88	-0.71	2.47
# 55-64 years	2.03	-0.36	4.42	2.87	0.65	5.08
# Partnered	1.55	0.32	2.77	1.47	0.33	2.62
# Single	2.25	0.47	4.03	0.79	-0.94	2.52
# Bachelor or higher	3.64	0.97	6.32	0.55	-1.40	2.50
# Year 12, Diploma, Cert III/IV	1.63	0.21	3.06	1.75	0.35	3.14
# Less than year 12	1.11	-0.62	2.85	0.93	-0.72	2.58

	Men			Women		
	Coef.	95% CI		Coef.	95% CI	
<b>Mental Health</b>						
Casual (same as baseline)	0.38	-0.15	0.90	-0.04	-0.51	0.42
# 15-24 years	0.69	-0.39	1.77	-0.17	-1.27	0.93
# 25-34 years	-0.68	-1.71	0.34	-0.52	-1.52	0.49
# 35-44 years	1.15	0.18	2.11	0.05	-0.66	0.76
# 45-54 years	-0.03	-1.10	1.04	-0.12	-0.83	0.59
# 55-64 years	1.13	0.08	2.17	0.81	-0.24	1.87
# Partnered	0.33	-0.30	0.96	0.13	-0.39	0.65
# Single	0.46	-0.36	1.28	-0.39	-1.19	0.41
# Bachelor or higher	0.70	-0.49	1.88	-0.10	-0.94	0.73
# Year 12, Diploma, Cert III/IV	0.17	-0.51	0.85	0.05	-0.61	0.70
# Less than year 12	0.63	-0.38	1.64	-0.17	-0.95	0.61

Notes: As for Table 2, the all casual employment coefficients, including for interactives, are interpreted relative to permanent employment. The fixed-term, self-employed and other employment categories are included in the estimations but are not shown here. # denotes casual employment interacted with age, marital status or education level. '# 15-24 years', for example, is the casual employment coefficient for 15-24-year olds, interpreted relative to permanently employed workers of all ages.

**Table A11** Association between remaining SF-36 health attributes and regular/irregular employment type, dynamic correlated effects panel data model

	Men			Women		
	Coefficient	95% CI		Coefficient	95% CI	
<b>Physical Functioning</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	0.87	-0.19	1.93	0.62	-0.38	1.61
Casual, regular	0.58	-0.09	1.25	0.37	-0.17	0.90
Casual, irregular	0.53	-1.28	2.34	-0.71	-2.16	0.73
Fixed term, regular	-0.34	-0.89	0.21	0.25	-0.22	0.71
Fixed-term, irregular	-0.35	-3.01	2.31	-1.63	-4.38	1.11
<b>Role-Physical</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	2.13	0.06	4.20	0.65	-1.94	3.24
Casual, regular	1.17	0.09	2.24	1.75	0.73	2.77
Casual, irregular	1.62	-1.15	4.38	2.75	0.22	5.28
Fixed term, regular	0.73	-0.16	1.62	1.86	0.89	2.83
Fixed-term, irregular	0.22	-4.97	5.40	-2.74	-8.45	2.97
<b>Bodily Pain</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	0.90	-0.35	2.15	-0.18	-1.66	1.30
Casual, regular	0.28	-0.46	1.03	0.91	0.25	1.57
Casual, irregular	1.94	0.05	3.82	0.65	-0.90	2.19
Fixed term, regular	-0.04	-0.69	0.60	0.46	-0.16	1.07
Fixed-term, irregular	-3.24	-6.59	0.10	-1.01	-4.14	2.11
<b>General Health</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	0.41	-0.50	1.31	0.01	-1.07	1.10
Casual, regular	0.47	-0.06	1.00	0.44	-0.01	0.88
Casual, irregular	0.27	-1.22	1.77	0.16	-1.02	1.34
Fixed term, regular	0.01	-0.44	0.45	0.06	-0.36	0.48
Fixed-term, irregular	0.07	-1.95	2.08	0.35	-1.80	2.50
<b>Vitality</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	0.47	-0.54	1.48	0.54	-0.59	1.66
Casual, regular	0.54	-0.04	1.12	0.74	0.21	1.27
Casual, irregular	0.41	-1.22	2.04	-0.35	-1.72	1.02
Fixed term, regular	0.04	-0.47	0.56	0.52	0.01	1.03
Fixed-term, irregular	-2.34	-4.85	0.16	-0.47	-3.12	2.17
<b>Social Functioning</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	0.30	-0.94	1.54	-0.49	-2.10	1.13
Casual, regular	0.97	0.22	1.71	0.62	-0.04	1.28
Casual, irregular	1.77	-0.22	3.76	-0.22	-1.75	1.31
Fixed term, regular	0.28	-0.34	0.90	0.88	0.25	1.52
Fixed term, irregular	-0.57	-3.34	2.20	-1.85	-5.21	1.51

Note: The regression coefficients indicate the magnitude of the mean difference on the 0-100 SF-36 scales between each category of worker and the reference group (permanent, regular workers). Self-employment regular, self-employment irregular, 'other' regular, and 'other' irregular are included as categories in the model but omitted from the table for presentational reasons.

**Table A12** Association between Role-Emotional / Mental Health and regular / irregular employment type, dynamic correlated effects panel data model, including full-time students

	Men			Women		
	Coefficient	95% CI		Coefficient	95% CI	
<b>Role-Emotional</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	0.06	-1.74	1.87	0.31	-1.88	2.50
Casual, regular	1.35	0.34	2.35	0.95	0.00	1.90
Casual, irregular	1.58	-1.01	4.17	0.43	-1.76	2.62
Fixed term, regular	0.38	-0.49	1.25	1.39	0.46	2.32
Fixed-term, irregular	1.09	-4.13	6.31	-1.59	-6.18	3.00
<b>Mental Health</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	-0.13	-1.00	0.74	0.14	-0.84	1.13
Casual, regular	0.18	-0.32	0.68	-0.10	-0.54	0.33
Casual, irregular	0.25	-1.13	1.63	-0.81	-1.90	0.28
Fixed term, regular	0.00	-0.43	0.44	0.24	-0.20	0.67
Fixed term, irregular	-1.47	-3.55	0.61	-0.54	-2.67	1.60

Note: The inclusion of (employed) full-time students increased the number of observations by 5% for men and 8% for women. The regression coefficients indicate the magnitude of the mean difference on the 0-100 SF-36 scales between each category of worker and the reference group (permanent, regular workers). Self-employment regular, self-employment irregular, 'other' regular, and 'other' irregular are included as categories in the model but omitted from the table for presentational reasons.

**Table A13** Association between Role-Emotional / Mental Health and regular / irregular employment type, dynamic correlated effects panel data model, with disability dummy

	Men			Women		
	Coefficient	95% CI		Coefficient	95% CI	
<b>Role-Emotional</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	0.08	-1.75	1.91	-0.37	-2.55	1.80
Casual, regular	1.78	0.67	2.88	1.35	0.34	2.37
Casual, irregular	1.85	-1.04	4.75	-0.35	-2.96	2.26
Fixed term, regular	0.45	-0.44	1.34	1.31	0.35	2.28
Fixed-term, irregular	1.86	-3.35	7.07	-2.10	-6.98	2.79
<i>Disability</i>	-6.46	-7.77	-5.16	-6.72	-8.13	-5.30
<b>Mental Health</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	-0.15	-1.03	0.73	0.05	-0.97	1.07
Casual, regular	0.33	-0.20	0.86	0.03	-0.44	0.50
Casual, irregular	0.60	-0.98	2.18	-0.95	-2.23	0.33
Fixed term, regular	0.05	-0.39	0.50	0.22	-0.23	0.66
Fixed term, irregular	-1.37	-3.47	0.72	-0.89	-3.25	1.48
<i>Disability</i>	-2.60	-3.17	-2.03	-3.18	-3.76	-2.60

Note: The regression coefficients indicate the magnitude of the mean difference on the 0-100 SF-36 scales between each category of worker and the reference group (permanent, regular workers). Self-employment regular, self-employment irregular, 'other' regular, and 'other' irregular are included as categories in the model but omitted from the table for presentational reasons.

**Table A14** Association between Role-Emotional / Mental Health and regular / irregular employment type, dynamic correlated effects panel data model, with sample attrition dummy

	Men			Women		
	Coefficient	95% CI		Coefficient	95% CI	
<b>Role-Emotional</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	0.08	-1.76	1.92	-0.35	-2.54	1.83
Casual, regular	1.83	0.72	2.93	1.35	0.33	2.36
Casual, irregular	1.95	-0.94	4.83	-0.41	-3.02	2.21
Fixed term, regular	0.44	-0.44	1.33	1.27	0.30	2.23
Fixed-term, irregular	1.71	-3.63	7.05	-2.15	-7.10	2.80
<i>Not in sample in t+1</i>	-1.61	-2.47	-0.74	-0.59	-1.43	0.25
<b>Mental Health</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	-0.17	-1.05	0.72	0.06	-0.98	1.09
Casual, regular	0.36	-0.17	0.89	0.02	-0.45	0.49
Casual, irregular	0.63	-0.94	2.21	-0.96	-2.24	0.31
Fixed term, regular	0.06	-0.39	0.50	0.19	-0.26	0.64
Fixed term, irregular	-1.42	-3.54	0.70	-0.91	-3.28	1.46
<i>Not in sample in t+1</i>	-0.82	-1.23	-0.40	-0.23	-0.63	0.17

Note: The regression coefficients indicate the magnitude of the mean difference on the 0-100 SF-36 scales between each category of worker and the reference group (permanent, regular workers). Self-employment regular, self-employment irregular, 'other' regular, and 'other' irregular are included as categories in the model but omitted from the table for presentational reasons.



**Table A15** Association between Role-Emotional / Mental Health and regular / irregular employment type, dynamic correlated effects panel data model, including unemployed persons

	Men			Women		
	Coefficient	95% CI		Coefficient	95% CI	
<b>Role-Emotional</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	0.17	-1.65	1.98	-0.26	-2.47	1.95
Casual, regular	1.26	0.27	2.25	0.57	-0.36	1.49
Casual, irregular	1.58	-1.08	4.25	-0.63	-3.08	1.82
Fixed term, regular	0.42	-0.44	1.29	1.26	0.32	2.20
Fixed-term, irregular	1.75	-3.35	6.85	-3.68	-8.73	1.37
Unemployed	-5.91	-7.79	-4.03	-7.66	-10.07	-5.25
<b>Mental Health</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	-0.09	-0.95	0.78	0.13	-0.91	1.16
Casual, regular	0.31	-0.17	0.79	0.04	-0.40	0.47
Casual, irregular	1.06	-0.41	2.53	-0.92	-2.12	0.29
Fixed term, regular	0.03	-0.41	0.47	0.20	-0.24	0.64
Fixed term, irregular	-1.30	-3.37	0.76	-1.01	-3.27	1.25
Unemployed	-2.75	-3.64	-1.87	-2.88	-3.91	-1.85

Note: The regression coefficients indicate the magnitude of the mean difference on the 0-100 SF-36 scales between each category of worker and the reference group (permanent, regular workers). Self-employment regular, self-employment irregular, 'other' regular, and 'other' irregular are included as categories in the model but omitted from the table for presentational reasons. The inclusion of unemployed persons increased the number of observations by 7% for men and 6% for women.

**Table A16** Association between Role-Emotional / Mental Health and regular / irregular employment type, dynamic correlated effects panel data model, excluding self-employed

	Men			Women		
	Coefficient	95% CI		Coefficient	95% CI	
<b>Role-Emotional</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	0.03	-1.87	1.93	-0.13	-2.31	2.06
Casual, regular	1.35	0.14	2.55	1.24	0.16	2.32
Casual, irregular	0.55	-2.50	3.61	-0.68	-3.30	1.93
Fixed term, regular	0.56	-0.37	1.49	1.20	0.21	2.19
Fixed-term, irregular	1.30	-4.19	6.79	-0.50	-5.57	4.58
<b>Mental Health</b>						
Permanent, regular	Ref.			Ref.		
Permanent, irregular	-0.17	-1.07	0.73	0.13	-0.92	1.18
Casual, regular	0.26	-0.32	0.85	-0.02	-0.52	0.48
Casual, irregular	0.21	-1.44	1.85	-1.12	-2.44	0.19
Fixed term, regular	0.10	-0.36	0.57	0.16	-0.30	0.61
Fixed term, irregular	-1.25	-3.47	0.96	-0.29	-2.78	2.20

Note: The regression coefficients indicate the magnitude of the mean difference on the 0-100 SF-36 scales between each category of worker and the reference group (permanent, regular workers). 'Other' employment regular and 'other' employment irregular are included as categories in the model but omitted from the table for presentational reasons. The exclusion of self-employed workers decreased the number of observations by 22% for men and 13% for women.