

Is temporary employment a risk factor for work disability due to depressive disorders and delayed return to work? The Finnish Public Sector Study ¹

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¹ Supplementary tables A–C

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Table A. Distribution (percentage), median and interquartile range of length of work disability (days) by type of employment contract, and by sex, age, and level of education stratified by type of employment contract. [IQR=interquartile range]							
	< 2 months	2-4 months	4-8 months	8-12 months	>12 months (disability pension)	Median (days)	IQR (days)
Permanent (n of episodes 8272)	63.8	13.7	8.0	3.0	11.5	39	21-99
Permanent, men (n of episodes 1243)	59.2	15.8	8.5	3.2	13.3	44	21-120
Permanent, women (n of episodes 7029)	64.6	13.3	7.9	3.0	11.2	39	21-97
Permanent, 18-35 years (n of episodes 637)	75.8	12.4	6.1	2.5	3.1	31	19-59
Permanent, 36-44 years (n of episodes 1945)	70.0	15.2	7.8	2.7	4.3	35	20-70
Permanent, 45-52 years (n of episodes 2682)	63.0	14.5	9.4	4.1	9.1	40	21-98
Permanent, 53-65 years (n of episodes 1075)	57.9	12.2	7.3	2.5	20.1	47	24-180

episodes 3008)							
Permanent, basic education (n of episodes 864)	62.6	12.9	6.9	2.4	15.2	40	20-119
Permanent, intermediate education (n of episodes 3533)	65.0	12.5	8.3	3.0	11.2	37	20-98
Permanent, higher education (n of episodes 3875)	62.9	15.0	8.0	3.2	11.0	41	21-98
Temporary (n of episodes 3420)	62.9	13.7	9.2	5.1	9.1	40	21-107
Temporary, men (n of episodes 402)	56.0	16.7	10.7	6.5	10.2	51	24-147
Temporary, women (n of episodes 3018)	63.9	13.3	9.0	4.9	9.0	39	21-104
Temporary, 18-35 years (n of episodes 1180)	66.5	13.8	9.8	4.4	5.4	35	20-85
Temporary, 36-44 years (n of episodes 1031)	64.7	14.3	10.5	5.0	5.6	39	22-92
Temporary, 45-52 years (n of episodes 738)	63.6	12.3	7.7	5.8	10.6	38	20-111
Temporary, 53-65 years (n of episodes 471)	49.0	14.0	7.2	6.2	23.6	61	25-354
Temporary, basic education (n of episodes 294)	53.1	16.7	8.5	6.1	15.7	51	24-166
Temporary, intermediate education (n of episodes 1360)	64.4	12.7	9.1	5.0	8.8	39	21-104
Temporary, higher education (n of episodes 1766)	63.4	13.9	9.4	5.0	8.2	39	21-101

Table B. Association between type of employment and onset, length, and recurrence of work disability due to depressive disorders (ICD-10 codes F32-F34) among those employed at least 50% of time during follow-up (prior to disability pension, old-age pension or 31 Dec 2011). [HR=hazard ratio; 95% CI=95% confidence interval; IQR=interquartile range; COR=cumulative odds ratio]

	Onset of work disability due to depression ^a			Length of work disability due to depression ^a					Recurrence of work disability due to depression a		
	N of episodes/ n at risk	HR	95% CI	Median length	IQR	n ^b	COR	95% CI	N of recurrent episode/ n at risk	HR	95% CI
Permanent	8959/73253	1.00		39	21-97	8091	1.00		3868/8305	1.00	
Temporary	3380/30277	0.92	0.86-0.98	35	20-80	2973	1.11	1.00-1.23	1394/3318	1.00	0.92-1.07

^a Models adjusted for age, sex, level of education, chronic somatic disease, and history of work disability due to mental or behavioral disorder (ICD-10 codes F00-F99).

^b Episodes that could be follow-up for at least a year

Table C. Possible effect modifiers of association between type of employment and onset, length, and recurrence of work disability due to depression (ICD-10 codes F32-F34). Analyses with interaction terms. [COR=cumulative odds ratio; CI=confidence interval]							
	Sex x employment contract	Age x employment contract			Education x employment contract		
	<i>P</i> for interaction	<i>P</i> for interaction	COR	95% CI	<i>P</i> for interaction	COR	95% CI
Onset ^a	0.34	0.25			0.45		
Length ^a	0.84	0.04			0.02		
Permanent, 36-44 vs. permanent, 18-35			1.27	1.04-1.55			
Permanent, 45-52 vs. permanent, 18-35			1.78	1.47-2.16			
Permanent, 53-65 vs. permanent, 18-35			2.48	2.05-3.01			
Temporary, 18-35 vs. permanent, 18-35			1.60	1.29-1.98			
Temporary, 36-44 vs. permanent, 18-35			1.70	1.37-2.12			
Temporary, 45-52 vs. permanent, 18-35			1.88	1.48-2.39			
Temporary, 53-65 vs. permanent, 18-35			3.67	2.83-4.76			

[illegible]