

Title: Employees receiving inpatient treatment for common mental disorders in Germany: Factors associated with time to first and full return to work; *Journal of Occupational Rehabilitation*;
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Supplementary Table 1. Estimation results of the univariable parametric survival analysis.

	n	Time to first RTW			Time to full RTW		
		Coef.	95% CI	P value	Coef.	95% CI	P value
Treatment setting (<i>rehabilitation</i>)	269	-1.46	-1.75 ; -1.16	0.000	-2.09	-2.48 ; -1.71	0.000
<i>Sociodemographics</i>							
Age	269	-0.01	-0.03 ; 0.01	0.429	-0.02	-0.04 ; 0.01	0.246
Sex (<i>male</i>)	269	0.15	-0.20 ; 0.51	0.394	0.28	-0.17 ; 0.74	0.223
Socioeconomic status	266	0.06	0.01 ; 0.11	0.021	0.04	-0.03 ; 0.11	0.261
<i>Health-related factors</i>							
Previous sickness absence and treatment duration	269	0.09	0.07 ; 0.11	0.000	0.13	0.11 ; 0.15	0.000
Self-rated health (<i>good</i>)	269	-1.07	-1.55 ; -0.59	0.000	-1.34	-1.85 ; -0.83	0.000
Depressive symptoms	269	0.09	0.05 ; 0.13	0.000	0.09	0.04 ; 0.14	0.000
First medical diagnosis (<i>adjustment</i>)	269	-1.15	-1.63 ; -0.68	0.000	-1.54	-2.14 ; -0.94	0.000
Medical treatment (<i>yes</i>)	269	0.50	0.14 ; 0.87	0.007	0.64	0.18 ; 1.10	0.007
Work-relatedness of disorder	268	0.25	0.09 ; 0.41	0.002	0.41	0.19 ; 0.62	0.000
<i>Personal factors</i>							
RTW expectation (<i>positive</i>)	269	-2.15	-2.61 ; -1.69	0.000	-2.37	-2.97 ; -1.77	0.000
RTW-SE (<i>high</i>)	269	-0.91	-1.26 ; -0.56	0.000	-1.52	-1.94 ; -1.11	0.000
Work ability	269	-0.38	-0.46 ; -0.30	0.000	-0.47	-0.55 ; -0.38	0.000
<i>Work-related factors</i>							
Company size (<i>large</i>)	269	0.39	0.01 ; 0.77	0.046	0.52	0.04 ; 1.01	0.035
Enterprise sector (<i>private</i>)	269	0.27	-0.11 ; 0.65	0.166	0.23	-0.27 ; 0.72	0.366
Shiftwork (<i>yes</i>)	269	-0.35	-0.76 ; 0.05	0.088	-0.46	-0.99 ; 0.07	0.088
Civil servant (<i>yes</i>)	269	0.54	-0.16 ; 1.24	0.133	1.20	0.29 ; 2.10	0.010
Quantitative demands	268	0.01	0.00 ; 0.03	0.008	0.02	0.00 ; 0.03	0.014
Work-privacy conflict	268	0.01	0.00 ; 0.02	0.002	0.02	0.01 ; 0.02	0.001
Influence at work	269	-0.00	-0.01 ; 0.01	0.739	-0.01	-0.02 ; 0.01	0.248
Degrees of freedom at work	269	-0.00	-0.01 ; 0.01	0.495	-0.01	-0.02 ; 0.00	0.140
Meaning of work	269	-0.01	-0.02 ; -0.00	0.026	-0.02	-0.03 ; -0.01	0.001
Quality of leadership	266	-0.01	-0.02 ; -0.00	0.039	-0.01	-0.02 ; -0.00	0.029
Social support	268	-0.01	-0.02 ; -0.00	0.004	-0.02	-0.03 ; -0.01	0.001
Sense of community	268	-0.01	-0.02 ; 0.00	0.064	-0.02	-0.03 ; -0.00	0.005
Mobbing	268	0.18	0.01 ; 0.36	0.038	0.21	-0.00 ; 0.42	0.053
<i>Work accommodation needs</i>							
Gradual RTW needed (<i>yes</i>)	269	1.09	0.78 ; 1.41	0.000	2.15	1.77 ; 2.53	0.000
Workload reduction needed (<i>yes</i>)	269	0.44	0.06 ; 0.82	0.025	0.44	-0.07 ; 0.95	0.090
Individual RTW support needed (<i>yes</i>)	269	0.94	0.43 ; 1.45	0.000	1.44	0.78 ; 2.11	0.000
Change of workplace needed (<i>yes</i>)	269	1.05	0.46 ; 1.63	0.000	0.98	0.21 ; 1.75	0.012

Coef. Coefficient; CI Confidence Interval

Supplementary Table 2. Estimation results of the univariable parametric post hoc subgroup survival analysis.

	Psychiatric setting								Rehabilitation setting							
	n	Time to first RTW			Time to full RTW			n	Time to first RTW			Time to full RTW ¹				
		Coef.	95% CI	P value	Coef.	95% CI	P value		Coef.	95% CI	P value	Coef.	95% CI	P value		
<i>Sociodemographics</i>																
Age	157	0.02	-0.00 ; 0.04	0.064	0.02	-0.00 ; 0.05	0.058	112	0.00	-0.03 ; 0.03	0.996	-0.03	-0.08 ; 0.01	0.146		
Sex (<i>male</i>)	157	0.09	-0.31 ; 0.48	0.672	-0.12	-0.54 ; 0.30	0.575	112	0.08	-0.32 ; 0.49	0.696	0.59	-0.09 ; 1.27	0.091		
Socioeconomic status	155	0.04	-0.02 ; 0.10	0.173	-0.00	-0.06 ; 0.06	0.998	111	0.02	-0.04 ; 0.08	0.434	-0.03	-0.13 ; 0.08	0.606		
<i>Health-related factors</i>																
Previous sickness absence and treatment duration	157	0.06	0.04 ; 0.08	0.000	0.07	0.04 ; 0.10	0.000	112	0.08	0.06 ; 0.10	0.000	0.15	0.12 ; 0.19	0.000		
Self-rated health (<i>good</i>)	157	-0.98	-1.43 ; -0.53	0.000	-0.95	-1.39 ; -0.50	0.000	112	-0.08	-0.65 ; 0.49	0.781	-1.09	-1.98 ; -0.20	0.016		
Depressive symptoms	157	0.10	0.05 ; 0.14	0.000	0.08	0.03 ; 0.12	0.001	112	0.02	-0.03 ; 0.07	0.476	0.04	-0.03 ; 0.12	0.277		
First medical diagnosis (<i>adjustment</i>)	157	-	- ; -	-	-	- ; -	-	112	-0.27	-0.69 ; 0.15	0.212	-0.24	-0.95 ; 0.47	0.511		
Medical treatment (<i>yes</i>)	157	0.24	-0.17 ; 0.65	0.257	0.49	0.08 ; 0.90	0.019	112	0.15	-0.30 ; 0.61	0.517	0.12	-0.63 ; 0.87	0.748		
Work-relatedness of disorder	157	0.11	-0.09 ; 0.30	0.285	0.27	0.05 ; 0.49	0.016	111	0.19	-0.01 ; 0.38	0.058	0.36	0.06 ; 0.65	0.019		
<i>Personal factors</i>																
RTW expectation (<i>positive</i>)	157	-1.64	-2.13 ; -1.15	0.000	-1.42	-1.90 ; -0.93	0.000	112	-1.95	-2.74 ; -1.17	0.000	-3.17	-4.35 ; -1.99	0.000		
RTW-SE (<i>high</i>)	157	-0.88	-1.26 ; -0.50	0.000	-1.02	-1.47 ; -0.58	0.000	112	-0.13	-0.56 ; 0.29	0.540	-0.96	-1.65 ; -0.27	0.006		
Work ability	157	-0.34	-0.42 ; -0.26	0.000	-0.35	-0.45 ; -0.26	0.000	112	-0.08	-0.19 ; 0.03	0.158	-0.34	-0.50 ; -0.17	0.000		
<i>Work-related factors</i>																
Company size (<i>large</i>)	157	0.12	-0.32 ; 0.57	0.592	0.15	-0.33 ; 0.62	0.543	112	0.13	-0.30 ; 0.56	0.546	0.37	-0.33 ; 1.08	0.301		
Enterprise sector (<i>private</i>)	157	0.41	-0.03 ; 0.85	0.069	0.12	-0.35 ; 0.59	0.615	112	-0.04	-0.47 ; 0.38	0.844	-0.18	-0.90 ; 0.53	0.615		
Shiftwork (<i>yes</i>)	157	-0.48	-1.03 ; 0.07	0.087	-0.01	-0.58 ; 0.55	0.961	112	0.13	-0.29 ; 0.55	0.553	0.12	-0.60 ; 0.84	0.744		
Civil servant (<i>yes</i>)	157	0.52	-0.24 ; 1.28	0.180	1.08	0.26 ; 1.89	0.010	112	0.51	-0.30 ; 1.33	0.216	1.11	-0.31 ; 2.53	0.125		
Quantitative demands	157	0.01	-0.00 ; 0.02	0.186	0.01	-0.00 ; 0.02	0.155	111	0.01	-0.01 ; 0.02	0.408	0.01	-0.01 ; 0.03	0.513		
Work-privacy conflict	157	0.01	-0.00 ; 0.02	0.062	0.01	0.00 ; 0.02	0.015	111	0.01	-0.00 ; 0.02	0.154	0.02	0.00 ; 0.03	0.025		
Influence at work	157	0.00	-0.01 ; 0.01	0.857	-0.00	-0.02 ; 0.01	0.447	112	-0.00	-0.01 ; 0.01	0.605	-0.01	-0.03 ; 0.01	0.221		
Degrees of freedom at work	157	-0.01	-0.02 ; 0.05	0.271	-0.01	-0.02 ; -0.00	0.012	112	-0.01	-0.01 ; 0.00	0.284	-0.01	-0.03 ; 0.01	0.241		
Meaning of work	157	-0.01	-0.02 ; -0.00	0.050	-0.01	-0.03 ; -0.00	0.022	112	0.00	-0.01 ; 0.01	0.833	-0.01	-0.03 ; 0.01	0.399		
Quality of leadership	155	-0.01	-0.02 ; 0.00	0.078	-0.00	-0.02 ; 0.00	0.068	111	-0.01	-0.01 ; 0.00	0.154	-0.01	-0.02 ; 0.01	0.410		
Social support	157	-0.01	-0.02 ; -0.00	0.020	-0.02	-0.03 ; -0.01	0.000	111	-0.01	-0.02 ; 0.00	0.089	-0.01	-0.03 ; 0.01	0.263		

Sense of community	157	-0.01	-0.02	;	-0.00	0.011	-0.02	-0.03	;	-0.01	0.001	111	-0.00	-0.01	;	0.01	0.426	-0.01	-0.03	;	0.00	0.102
Mobbing	157	0.25	0.07	;	0.43	0.006	0.20	0.01	;	0.39	0.040	111	0.16	-0.06	;	0.39	0.148	0.32	-0.04	;	0.68	0.079
<i>Work accommodation needs</i>																						
Gradual RTW needed (yes)	157	0.59	0.19	;	0.98	0.003	1.25	0.76	;	1.75	0.000	112	0.54	0.06	;	1.03	0.029	1.88	1.16	;	2.60	0.000
Workload reduction needed (yes)	157	0.08	-0.34	;	0.50	0.703	0.15	-0.29	;	0.60	0.504	112	0.57	0.12	;	1.02	0.013	0.57	-0.19	;	1.33	0.144
Individual RTW support needed (yes)	157	0.32	-0.21	;	0.84	0.234	0.54	0.00	;	1.07	0.049	112	0.64	-0.31	;	1.60	0.185	2.66	1.31	;	4.01	0.000
Change of workplace needed (yes)	157	0.47	-0.18	;	1.12	0.159	0.41	-0.26	;	1.08	0.229	112	1.32 ¹	0.36	;	2.27	0.007	1.72	0.49	;	2.96	0.006

Coef. Coefficient; CI Confidence Interval; ¹ Here, the lognormal regression model was applied, because Stata could not compute an improvement when using the ggamma regression model