

Supplementary materials. Salonen, Farrants, Alexanderson. *Sequence analysis of sickness absence and disability pension days in 2012–2018 among privately employed white-collar workers in Sweden: a prospective cohort study*

Supplementary Table 1. The distribution of sociodemographic variables in each cluster of sickness absence (SA) and disability pension (DP) among privately employed white-collar workers

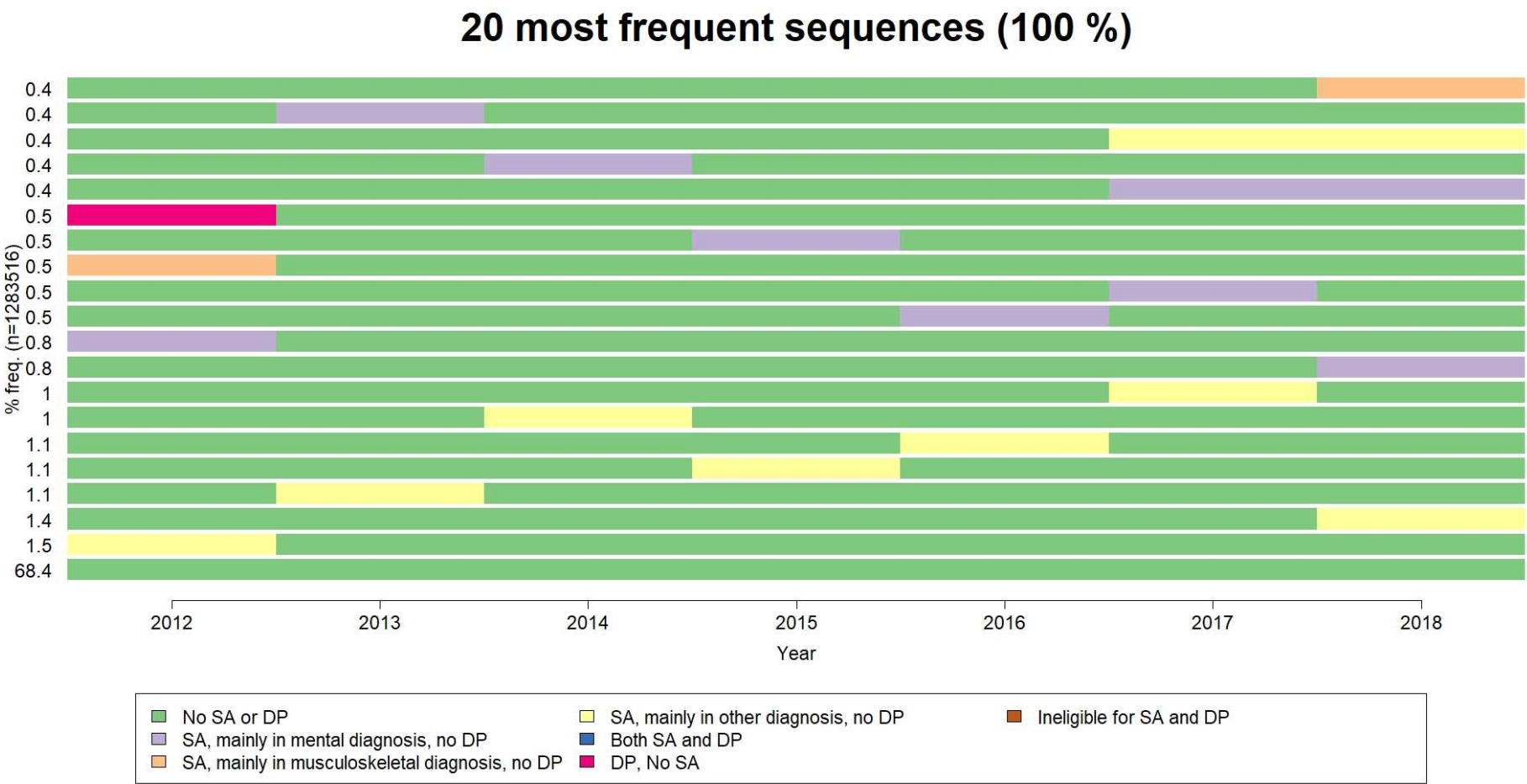
	Cluster 1) low or no SA or DP		Cluster 2) SA due to other diagnoses		Cluster 3) SA due to mental diagnoses		Cluster 4) ineligible for SA and DP		Cluster 5) DP	
	n	%	n	%	n	%	n	%	n	%
Sex										
Women	512 131	45.0	45 859	68.4	32 110	73.2	7416	40.9	11 277	71.7
Men	626 646	55.0	21 138	31.6	11 761	26.8	10 734	59.1	4444	28.3
Age group										
16-24	58 138	5.1	3864	5.8	2032	4.6	924	5.1	132	0.8
25-34	245 816	21.6	16 017	23.9	10 857	24.7	3891	21.4	588	3.7
35-44	338 445	29.7	16 566	24.7	15 502	35.3	4008	22.1	2700	17.2
45-54	287 310	25.2	19 226	28.7	11 588	26.4	3819	21.0	5993	38.1
55-64	102 487	9.0	8736	13.0	3326	7.6	2358	13.0	4030	25.6
65-67	106 581	9.4	2588	3.9	566	1.3	3150	17.4	2278	14.5
Type of living area										
Large city	589 869	51.8	33 849	50.5	22 600	51.5	10 778	59.4	5548	35.3
Medium-sized town	347 373	30.5	20 336	30.4	13 230	30.2	4745	26.1	5552	35.3
Rural or small town	201 535	17.7	12 812	19.1	8041	18.3	2627	14.5	4621	29.4
Educational level										
Primary	54 084	4.7	3689	5.5	2253	5.1	1442	7.9	1681	10.7
Secondary	461 868	40.6	32 312	48.2	20 029	45.7	6127	33.8	9339	59.4
Tertiary	622 825	54.7	30 996	46.3	21 589	49.2	10 581	58.3	4701	29.9
Country of birth										
Sweden	1 023 594	89.9	58 529	87.4	38 952	88.8	13 606	75.0	14 079	89.6
Other Nordic country	23 540	2.1	1622	2.4	1009	2.3	1219	6.7	548	3.5
Other EU25 country	22 782	2.0	1301	1.9	866	2.0	1219	6.7	269	1.7
Other countries	68 861	6.0	5545	8.3	3044	6.9	2106	11.6	825	5.2
Family composition										
Couple without children <18 at home	15 3085	13.4	8510	12.7	3455	7.9	3310	18.2	3991	25.4
Couple with children <18 at home	543 569	47.7	28 512	42.6	20 232	46.1	6087	33.5	5034	32.0
Single without children <18 at home	371 865	32.7	23 388	34.9	14 354	32.7	7822	43.1	5102	32.5

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Single with children <18 at home	70 258	6.2	6587	9.8	5830	13.3	931	5.1	1594	10.1
Sector										
Manufacturing	242 538	21.3	10 409	15.5	6237	14.2	4000	22.0	2068	13.2
Service	495 208	43.5	25 925	38.7	18 436	42.0	8090	44.6	6738	42.9
Trade, hotel, restaurant	146 137	12.8	8461	12.6	5636	12.8	2135	11.8	1855	11.8
Transport	49 760	4.4	3091	4.6	1686	3.8	822	4.5	728	4.6
Construction	46 164	4.1	2228	3.3	1147	2.6	534	2.9	598	3.8
Education, care, nursing, social services	158 460	13.9	16 861	25.2	10 718	24.4	2547	14.0	3733	23.7
Income (SEK)										
7920-87 999	304 420	26.7	26 911	40.2	19 263	43.9	4687	25.8	6798	43.2
88 000-175 999	20 142	1.8	1206	1.8	842	1.9	1317	7.3	810	5.2
176 000-329 999	66 039	5.8	5248	7.8	4159	9.5	1393	7.7	6430	40.9
330 000-439 999	318 059	27.9	18 897	28.2	11 372	25.9	3951	21.8	1161	7.4
>440 000	430 117	37.8	14 735	22.0	8235	18.8	6802	37.5	522	3.3
Number of SA net days in 2012										
0	1 080 290	94.9	53 898	80.4	32 433	73.9	15 296	84.3	9801	62.3
1 - 14	20 262	1.8	3935	5.9	2719	6.2	458	2.5	1054	6.7
15 - 30	12 121	1.1	2523	3.8	1808	4.1	360	2.0	602	3.8
31 - 90	16 252	1.4	3703	5.5	3178	7.2	682	3.8	1233	7.8
91 - 180	6145	0.5	1723	2.6	1828	4.2	515	2.8	1274	8.1
181 - 365	3353	0.3	1077	1.6	1619	3.7	659	3.6	1438	9.1
366*	352	0.0	138	0.2	286	0.7	180	1.0	319	2.0
SA diagnoses in 2012										
Mental diagnoses	16 509	1.4	3111	4.6	6460	14.7	486	2.7	1793	11.4
Musculoskeletal diagnoses	12 285	1.1	2815	4.2	1418	3.2	364	2.0	1620	10.3
Injury	6655	0.6	1278	1.9	597	1.4	205	1.1	444	2.8
Cancer	3058	0.3	718	1.1	245	0.6	1071	5.9	202	1.3
Circulatory diagnoses	2627	0.2	483	0.7	201	0.5	150	0.8	423	2.7
Other diagnoses	14 648	1.3	4171	6.2	2323	5.3	637	3.5	1760	11.2
Total	1 138 777	100.0	66 997	100.0	43 871	100.0	18 150	100.0	15 721	100.0

* 2012 was a leap year, thus those individuals were on SA for full-time all year.

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Supplementary Figure 1 Frequency plot for the 20 most frequent sequences of sickness absence (SA) and disability pension (DP) over 7 years among privately employed white-collar workers in Sweden