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**Table SI.** Association between demographic variables and increase in occupational exposures among healthcare workers, cleaners and day-care workers before and during the COVID-19 pandemic

	Use of masks or respirators		Hand wash		Use of hand disinfectants		Use of disposable gloves		Use of moisturizers	
	RR	95 % CI <sup>a</sup>	RR	95 % CI <sup>a</sup>	RR	95 % CI <sup>a</sup>	RR	95 % CI <sup>a</sup>	RR	95 % CI <sup>a</sup>
Age										
< 30 years	1.25	1.11 - 1.42	1.45	1.07 - 1.97	1.39	1.16 - 1.66	2.13	1.59 - 2.86	2.30	1.67 - 3.16
30–38 years	1.26	1.12 - 1.42	0.95	0.68 - 1.33	1.13	0.94 - 1.37	1.97	1.47 - 2.63	1.83	1.32 - 2.53
39–47 years	1.01	0.87 - 1.18	1.06	0.77 - 1.48	1.07	0.88 - 1.31	1.26	0.90 - 1.77	1.14	0.78 - 1.67
≥ 48 years	1		1		1		1		1	
Sex										
Female	1		1		1		1		1	
Male	1.04	0.94 - 1.14	0.82	0.61 - 1.12	0.94	0.80 - 1.12	1.18	0.96 - 1.45	0.66	0.48 - 0.90
Ever AD <sup>b</sup>										
Yes	1.11	1.01 - 1.21	0.85	0.62 - 1.17	1.16	1.00 - 1.34	1.38	1.14 - 1.68	1.29	1.00 - 1.66
No	1		1		1		1		1	
Don't Know	0.94	0.81 - 1.10	0.86	0.59 - 1.25	0.88	0.70 - 1.11	0.76	0.53 - 1.08	1.50	1.16 - 1.95
Ever rhinitis <sup>b</sup>										
Yes	0.99	0.91 - 1.09	1.20	0.95 - 1.52	1.01	0.88 - 1.17	1.32	1.10 - 1.58	0.96	0.76 - 1.20
No	1		1		1		1		1	
Ever asthma <sup>b</sup>										
Yes	1.05	0.95 - 1.17	1.37	1.05 - 1.78	1.04	0.88 - 1.24	1.05	0.82 - 1.33	1.43	1.14 - 1.80
No	1		1		1		1		1	
Smoking <sup>b</sup>										
Yes	0.96	0.79 - 1.17	0.71	0.39 - 1.30	0.66	0.43 - 1.00	0.68	0.41 - 1.14	0.86	0.53 - 1.40
No	1		1		1		1		1	
Physical activity <sup>b</sup>										
Never to < once a week	0.86	0.74 - 1.01	0.68	0.46 - 1.01	0.71	0.55 - 0.91	0.77	0.56 - 1.06	0.81	0.59 - 1.12
Once a week	1.00	0.89 - 1.13	0.90	0.64 - 1.27	0.92	0.76 - 1.13	1.07	0.82 - 1.39	0.78	0.56 - 1.09
2–3 times a week	1		1		1		1		1	
Almost every day	1.04	0.95 - 1.14	0.96	0.73 - 1.26	1.03	0.89 - 1.20	1.11	0.90 - 1.38	0.92	0.71 - 1.18
Body mass index <sup>b</sup> , kg/m <sup>2</sup>										
< 25	1		1		1		1		1	
25–30	1.04	0.95 - 1.13	1.20	0.94 - 1.54	1.08	0.94 - 1.25	1.00	0.82 - 1.22	1.04	0.83 - 1.30

≥ 30	0.99	0.86 - 1.14	1.26	0.89 - 1.78	1.03	0.83 - 1.28	0.99	0.73 - 1.33	1.02	0.73 - 1.43
Workhours per week										
< 30	1		1		1		1		1	
≥ 30	1.09	0.97 - 1.23	0.83	0.64 - 1.07	0.97	0.83 - 1.14	1.02	0.81 - 1.28	1.02	0.78 - 1.32
Years in work in occupation										
< 5 years	1		1		1		1		1	
5–9 years	0.90	0.81 - 1.00	0.80	0.58 - 1.10	0.84	0.71 - 1.01	0.88	0.71 - 1.10	0.64	0.49 - 0.84
10–17 years	0.88	0.79 - 0.98	0.88	0.64 - 1.21	0.86	0.71 - 1.03	0.78	0.61 - 0.99	0.73	0.56 - 0.94
≥ 18 years	0.84	0.75 - 0.94	0.89	0.66 - 1.21	0.96	0.82 - 1.13	0.58	0.44 - 0.76	0.49	0.37 - 0.67
Occupation										
Nurse/auxiliary nurse	1.47	1.28 - 1.67	1.09	0.81 - 1.46	1.51	1.22 - 1.87	2.67	1.89 - 3.78	1.80	1.32 - 2.44
Physician	1.43	1.24 - 1.66	1.05	0.71 - 1.56	1.79	1.42 - 2.26	3.10	2.14 - 4.49	1.13	0.72 - 1.76
Cleaner	1		1		1		1		1	
Day-care worker	0.46	0.29 - 0.74	1.29	0.85 - 1.97	1.72	1.32 - 2.23	1.30	0.72 - 2.32	1.65	1.08 - 2.54
Student/administrators	1.39	1.17 - 1.65	1.26	0.80 - 1.97	1.92	1.51 - 2.45	2.64	1.70 - 4.10	1.31	0.78 - 2.20
Work place										
Emergency room/COVID-19 wards/intermediate wards	1.46	1.28 - 1.66	1.37	1.01 - 1.85	1.59	1.29 - 1.95	3.36	2.35 - 4.80	2.03	1.48 - 2.79
Intensive care unit	1.46	1.27 - 1.69	0.98	0.58 - 1.66	1.07	0.78 - 1.55	1.69	0.97 - 2.96	1.25	0.74 - 2.11
Internal medicine	1.32	1.11 - 1.57	0.72	0.40 - 1.31	1.10	0.78 - 1.95	2.19	1.36 - 3.54	1.05	0.60 - 1.83
Cleaning	1		1		1		1		1	
Day care centre	0.46	0.29 - 0.72	1.39	0.93 - 2.08	1.56	1.21 - 2.01	1.51	0.87 - 2.63	1.68	1.10 - 2.56
COVID-19 test team	1.23	0.88 - 1.72	0.64	0.18 - 2.25	1.32	0.77 - 2.26	2.03	0.88 - 4.66	1.13	0.42 - 3.02
Emergency primary care centre	1.51	1.33 - 1.71	0.99	0.67 - 1.44	1.59	1.29 - 1.95	3.38	2.34 - 4.88	1.62	1.13 - 2.33
Other	1.20	0.91 - 1.58	1.84	1.17 - 2.90	2.08	1.69 - 2.57	3.10	1.88 - 5.11	2.08	1.26 - 3.43
Daily work with patients with suspected or confirmed COVID-19 infection										
Yes	1.28	1.18 - 1.39	1.09	0.87 - 1.37	1.09	0.96 - 1.23	1.87	1.55 - 2.25	1.09	0.89 - 1.34
No	1		1		1		1		1	

<sup>a</sup>Negative binomial regression models. <sup>b</sup>Missing: Atopic dermatitis: 8, rhinitis: 69, asthma: 69, smoking: 77, physical activity: 72, body mass index (BMI): 77.

RR: Relative risk. AD: Atopic dermatitis.