Supplemental Material

Psychological burden of healthcare professionals in Germany during the acute phase of the COVID-19 pandemic: Differences and similarities in the international context.

Tables: Comparisons of all scales across the four occupational groups, including 95% confidence intervals and Cohen's d.

	Depression (PHQ-2)					
Contrast	Mean difference	95% Lower limit	95% Upper limit	Cohen's d	d: 95% Lower limit	d: 95% Upper limit
1 Physician – others	-0,543	-0,714	-0,373	-0,377	-0,468	-0,287
2 Physician – Nursing staff	-0,303	-0,495	-0,111	-0,21	-0,312	-0,108
3 Physician – Paramedic	-0,133	-0,433	0,167	-0,092	-0,251	0,066
4 Others – Nursing staff	0,241	0,139	0,343	0,167	0,113	0,221
5 Others – Paramedics	0,41	0,159	0,662	0,285	0,152	0,418
6 Nursing staff – Paramedics	0,169	-0,097	0,436	0,118	-0,023	0,259

Global group differences: $\eta^2 = .009$, 95%-CI [.0055 : .0118]

	Generalized anxiety (GAD-7)					
Contrast	Mean difference	95% Lower limit	95% Upper limit	Cohen's d	d: 95% Lower limit	d: 95% Upper limit
1 Physician – others	-1,609	-2,168	-1,051	-0,342	-0,432	-0,251
2 Physician – Nursing staff	-1,003	-1,632	-0,375	-0,213	-0,315	-0,111
3 Physician – Paramedic	0,696	-0,285	1,676	0,148	-0,011	0,306
4 Others – Nursing staff	0,606	0,273	0,939	0,129	0,075	0,182
5 Others – Paramedics	2,305	1,482	3,128	0,489	0,356	0,623
6 Nursing staff – Paramedics	1,699	0,827	2,571	0,361	0,219	0,502

Global group differences $\bar{\eta}^2 = .009$, 95%-CI [.0059 : .0125]

	Health status					
Contrast	Mean difference	95% Lower limit	95% Upper limit	Cohen's d	d: 95% Lower limit	d: 95% Upper limit
1 Physician – others	6,114	4,010	8,214	0,345	0,254	0,435
2 Physician – Nursing staff	4,072	1,710	6,436	0,23	0,128	0,332
3 Physician – Paramedic	0,987	-2,700	4,674	0,056	-0,103	0,214
4 Others – Nursing staff	-2,042	-3,290	-0,790	-0,115	-0,169	-0,061
5 Others – Paramedics	-5,127	-8,220	-2,032	-0,289	-0,423	-0,156
6 Nursing staff – Paramedics	-3,085	-6,360	0,195	-0,174	-0,315	-0,033

Global group differences: $\eta^2 = .007$, 95%-CI [.00039 : .0094]

COVID-19 related anxiety

	Contrast	Mean difference	95% Lower limit	95% Upper limit	Cohen's d	d: 95% Lower limit	d: 95% Upper limit
1	Physician – others	-0,356	-0,562	-0,150	-0,205	-0,295	-0,114
2	Physician – Nursing staff	-0,005	-0,237	0,227	-0,003	-0,105	0,099
3	Physician – Paramedic	0,720	0,358	1,082	0,414	0,255	0,573
4	Others – Nursing staff	0,351	0,228	0,473	0,202	0,148	0,256
5	Others – Paramedics	1,076	0,772	1,390	0,619	0,485	0,752
6	Nursing staff – Paramedics	0,725	0,404	1,047	0,417	0,276	0,558

Global group differences: $\bar{\eta}^2$ = .01, 95%-CI [.0076 : .0148]

Subjective level of information regarding COVID-19

	Contrast	Mean difference	95% Lower limit	95% Upper limit	Cohen's d	d: 95% Lower limit	d: 95% Upper limit
1	Physician – others	0,067	-0,049	0,183	0,024	-0,029	0,077
2	Physician – Nursing staff	0,164	0,033	0,295	0,07	0,011	0,129
3	Physician – Paramedic	0,137	-0,067	0,341	0,028	-0,063	0,119
4	Others – Nursing staff	0,097	0,028	0,166	0,046	0,015	0,077
5	Others – Paramedics	0,070	-0,101	0,242	0,004	-0,072	0,08
6	Nursing staff – Paramedics	-0,027	-0,208	0,155	-0,042	-0,122	0,039

Global group differences: $\bar{\eta}^2$ = .001, 95%-CI [.00024 : .00267]

		Depression (PHQ-2)	Generalized Anxiety (GAD-7)	Health status	Fear of COVID-19	Subj. Level of information
Depression (PHQ-2)	r$_s$	1	0.58	-0.28	0.19	-0.13
	CI		0,548 : 0,611	-0,326 : -0,233	0,149 : 0,230	-0,186 : -0,085
Generalized Anxiety (GAD-7)	r$_s$		1	-0.3	0.42	-0.15
	CI			-0,344 : -0,263	0,368 : 0,449	-0,199 : -0,099
Health Status	r$_s$			1	-0.14	0.1
	CI				-0,172 : -0,084	0,047 : 0,135
Fear of COVID-19	r$_s$				1	-0.08
	CI					-0,123 : -0,039
Subjective level of information (α = .8)	r$_s$					1
	CI					

Supplemental Table 10. Correlations between the applied measures. Cronbach's α for self-generated scales is shown in the left column.