

Supplementary file 2.

Table 1. Factors influencing to be professional prepared for working in COVID-ICUs. Backward logistic regression.

Variables	Unadjusted model univariate					Step 1					Step 6 final model				
	B	SE	p	OR	95% CI	B	SE	p	OR	95% CI	B	SE	P	OR	95 % CI
Sex [†]															
Female (1)	.123	.284	.665	1.131	[.648, 1.975]	.095	.340	.779	1.100	[.565, 2.141]	.195	.308	.536	1.216	[.665, 2.224]
Age [†]	.024	.012	.046	1.024	[1.000,1.049]	.011	.034	.749	1.011	[.945, 1.082]	.018	.013	.168	1.018	[.993, 1.044]
Marital status															
Married/partner (1)															
No. people in household															
One (1)	.318	.268	.237	1.374	[.812, 2.324]	-.123	.447	.783	.884	[.368, 2.124]					
Personal risk factors															
developing serious COVID-19, Yes (1)	-.167	.327	.610	.846	[.446, 1.605]	-.147	.395	.710	.863	[.398, 1.872]					
Profession* Nurse (1)	-.583	.452	.197	.558	[.230, 1.354]	-.450	.502	.370	.638	[.238, 1.707]					
Years of professional experience nurses and medical doctors	.029	.014	.034	1.029	[1.002, 1.057]	.016	.036	.650	1.017	[.947, 1.091]					
ICU work Experience															
Yes (1)	1.626	.341	.000	5.082	[2.604, 9.919]	1.426	.428	.001	4.163	[1.798, 9.638]	1.652	.369	.000	5.217	[2.533, 10.746]
Previous experience COVID-ICU like tasks															
Yes (1)	.789	.264	.003	2.201	[1.311, 3.694]	.228	.342	.505	1.256	[.642, 2.456]					
Simulation training similar to treatment team COVID-ICU patients,															
Yes (1)	1.228	.272	.000	3.415	[2.004, 5.819]	1.196	.300	.000	3.307	[1.838, 5.949]	1.239	.283	.000	3.451	[1.980, 6.013]
Date start-up working COVID-ICU (ref. 23. March or later)															
			.031												
17 - 23.2	.182	.560	.745	1.199	[.400, 3.597]	.027	.712	.969	1.028	[.255, 4.147]	-.236	.655	.719	.790	[.219, 2.853]
24.2 - 1.3	.071	.565	.900	1.074	[.355, 3.251]	-.507	.653	.438	.602	[.167, 2.167]	-.487	.640	.447	.614	[.175, 2.155]
2.3 - 8.3	-.016	.438	.971	.984	[.417, 2.322]	-.579	.585	.323	.561	[.178, 1.764]	-.681	.547	.213	.506	[.173, 1.479]
9.3 - 15.3	-.053	.264	.842	.949	[.565, 1.592]	-.733	.395	.063	.480	[.222, 1.041]	-.783	.370	.034	.457	[.221, .944]
16.3 - 22.3	-.517	.241	.032	.597	[.372, .957]	-.888	.357	.013	.411	[.205, .828]	-.982	.344	.004	.375	[.191, .735]
Constant						-.238	1.184	.841	.789		-.544	.676	.422	.581	

CI = confidence interval for odds ratio (OR) , *Significant factors p<.05

[†] Age and gender, forced in the model at all steps.

Age; 1=Women 0=Men, Marital status; 1=Married or partner 0=Not married or partner, No. of people in household; 1=1 0=two or more, Personal risk factor of developing serious COVID-19; 0=No, 1=Yes, ICU work Experience; 0=No 1=Yes, Previous experience COVID-ICU like tasks; 0=No 1=Yes, Simulation training similar to treatment team COVID-ICU patients; 0=No 1=Yes.

Hosmer and Lemeshow test; p=. **step1:** .369 **step6:** .148