

Supplementary File 2: Association of Perceptions of medical students to the medical profession with student characteristics

Variable	Category	Change of Perception of the Medical Profession in the wake of Covid-19 pandemic			P value	Unadjusted OR (95% CI) For positive perception	Unadjusted OR (95% CI) For negative perception
		Positive N (%)	Negative N (%)	No Change N (%)			
Enrolment site	College 1	239 (41.9)	34 (44.2)	111 (44.0)	0.811	0.91 (0.67, 1.23)	1.004 (0.60, 1.67)
	College 2	332 (58.1)	43 (55.8)	141 (56.0)			
Gender	Male	218 (38.2)	34 (44.7)	95 (37.7)	0.513	1.02 (0.75, 1.38)	1.33 (0.79, 2.24)
	Female	353 (61.8)	42 (55.3)	157 (62.3)			
Year of study	Year 1	156 (27.3)	13 (16.9)	63 (25.0)	<0.0001	0.30 (0.16, 0.57)	2.76 (1.17, 6.52)
	Year 2	120 (21.0)	18 (23.4)	40 (15.9)			
	Year 3	138 (24.2)	18 (23.4)	60 (23.8)			
	Year 4	136 (23.8)	12 (15.6)	61 (24.2)			
	Internship	21 (3.7)	16 (20.8)	28 (11.1)			
Doctor in the family		147 (25.7)	21 (27.3)	68 (27.0)	0.911	0.93 (0.67, 1.31)	1.01 (0.57, 1.80)
Direct exposure to Covid cases		42 (48.3)	18 (20.7)	27 (31.0)	<0.0001	0.66 (0.39, 1.10)	2.54 (1.31, 4.92)
Personal fear of contracting Covid		323 (63.2)	51 (10.0)	137 (26.8)	0.181	1.09 (0.81, 1.47)	1.64 (0.96, 2.80)
Responses to role of doctors in the pandemic – inspiring or distressing in association with the change of perception towards the medical profession							
Fulfilling an essential duty		329 (57.6)	50 (64.9)	168 (66.7)	0.037	0.68 (0.49, 0.93)	0.92 (0.54, 1.58)
Support for family and friends		10 (1.8)	1 (1.3)	4 (1.6)	0.952	1.10 (0.34, 3.55)	0.81 (0.09, 7.40)
Recognition from Society		6 (1.1)	1 (1.3)	4 (1.6)	0.810	0.65 (0.18, 2.35)	0.81 (0.09, 7.40)
Going beyond the call of duty		226 (39.6)	21 (27.3)	65 (25.8)	<0.0001	1.88 (1.35, 2.61)	1.07 (0.60, 1.91)
Increased risk/ harm to self and family		221 (38.7)	32 (41.6)	94 (37.3)	0.792	1.06 (0.78, 1.44)	1.19 (0.71, 2.01)
Reduced societal support		232 (40.6)	21 (27.3)	85 (33.7)	0.02	1.34 (0.98, 1.83)	0.73 (0.41, 1.29)
Inadequate working conditions		86 (15.1)	15 (19.5)	46 (18.3)	0.384	0.79 (0.53, 1.17)	1.09 (0.56, 2.07)
Moral dilemmas		19 (3.3)	4 (5.2)	7 (2.8)	0.586	1.20 (0.50, 2.90)	1.91 (0.54, 6.73)
Others		7 (1.2)	1 (1.3)	8 (3.2)	0.141	0.37 (0.13, 1.06)	0.40 (0.05, 3.26)
No troubling factor		6 (1.1)	4 (5.2)	12 (4.8)	0.003	0.23 (0.08, 0.63)	1.20 (0.37, 3.88)
More confident		541 (94.7)	52 (67.5)	230 (91.3)	<0.0001	1.72 (0.97, 3.05)	0.199 (0.10, 0.38)