

Table 4 Correlation between knowledge scores and participants' occupation (n = 1541), Riyadh, Saudi Arabia, 2016

Item	All (n = 1541)		Students (n = 1264)		Non-academic staff (n = 210)		Faculty member (n = 67)		P1	P2	P3	P4
	No.	%	No.	%	No.	%	No.	%				
Total score									<0.001	1.000	<0.001	0.003
80-89	8	0.5	5	0.4	0	0.0	3	4.5				
70-79	73	4.7	52	4.1	10	4.8	11	16.4				
60-69	200	13.0	164	13.0	27	12.9	9	13.4				
50-59	355	23.0	294	23.3	50	23.8	11	16.4				
< 50	905	58.7	749	59.3	123	58.6	33	49.3				
Correct for Q5	1216	78.9	1013	80.1	159	75.7	44	65.7	0.009	0.423	0.013	0.317
Correct for Q11	491	31.9	397	31.4	64	30.5	30	44.8	0.065	1.000	0.067	0.094
Correct for Q17	1034	67.1	858	67.9	133	63.3	43	64.2	0.376	0.581	1.000	1.000
	Mean	SD	Mean	SD	Mean	SD	Mean	SD				
Total score	43.2	15.5	43.3	15.0	41.8	16.7	46.4	20.3	0.104	0.627	0.519	0.297
Epidemiology	53.3	27.1	53.2	26.6	53.3	29.7	54.7	28.2	0.927	1.000	1.000	1.000
Symptoms and incubation period,	45.5	26.2	46.6	25.8	39.7	25.9	4	33.0	0.002	0.001	1.000	0.873
Infection sources, modes of transmission, common places for outbreaks	43.5	20.8	43.8	20.8	40.6	21.3	46.3	19.9	0.049	0.114	0.755	0.114
Precautions and preventive strategies	43.2	26.9	43.1	26.5	43.6	26.9	44.0	33.2	0.949	1.000	1.000	1.000
Treatment and fatality rate	28.5	33.1	28.2	33.1	25.7	30.2	44.0	36.4	<0.001	1.000	<0.001	<0.001
Infection in special populations	38.4	33.9	37.1	32.9	44.0	38.2	44.8	35.0	0.019	0.057	0.230	1.000

P1 = comparison between the 3 groups.

P2 = comparison between student and non-academic staff (with Bonferroni correction).

P3 = comparison between student and faculty member (with Bonferroni correction).

P4 = comparison between non-academic staff and faculty member (with Bonferroni correction).