

SUPPLEMENTARY TABLE I. Bivariate logistic model for PHQ-9 score (≥ 10 compared with < 10)

	Odds ratio (95% CI)	P value
Age	0.99 (0.96-1.03)	0.702
Male gender	1.34 (0.88-2.04)	0.176
Marital status		
Married/common-law	Ref	-
Single/separated/divorced	1.33 (0.87-2.04)	0.182
Have children	0.85 (0.54-1.34)	0.492
Completed education		
Final year of secondary school		
Hong Kong (EDB school)*	Ref	-
Hong Kong (independent school)*	1.38 (0.53-3.63)	0.513
Outside of Hong Kong	0.88 (0.42-1.81)	0.722
First university degree		
No	Ref	-
Yes	0.98 (0.47-2.04)	0.953
Medical school followed a PBL curriculum (HKU [MB, BS] / CUHK [MB, ChB] / HKU [BDS])	0.60 (0.39-0.91)	0.017
Current work		
Level of seniority		
Associate consultant	Ref	-
Consultant	0.58 (0.13-2.74)	0.496
Medical officer	0.88 (0.56-1.37)	0.574
Not applicable	0.34 (0.10-1.19)	0.092
Academy Fellow	1.06 (0.69-1.62)	0.792
Year(s) in this post	0.97 (0.92-1.02)	0.236
Working hour(s) per week	1.02 (1.01-1.04)	0.001
Setting of practice		
Government	Ref	-
Hospital Authority	1.07 (0.51-2.23)	0.860
NGO	3.90 (0.22-67.93)	0.351
Private sector (private group/hospital/solo)	0.74 (0.25-2.14)	0.576
University	1.95 (0.59-6.48)	0.276
Not applicable	-	-
Providing primary care	0.77 (0.49-1.20)	0.243

Abbreviations: 95% CI = 95% confidence interval; CUHK = The Chinese University of Hong Kong; EDB = Education Bureau of the Hong Kong SAR Government; HKU = The University of Hong Kong; NGO = non-governmental organisation; PBL = problem-based learning; PHQ-9 = Patient Health Questionnaire-9

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SUPPLEMENTARY TABLE 2. Bivariate logistic model for suicidal ideation (history of suicidal ideation/attempts compared with no history of suicidal ideation/attempts)

	Odds ratio (95% CI)	P value
Age	1.01 (0.98-1.05)	0.480
Male gender	0.66 (0.43-1.02)	0.061
Marital status		
Married/common-law	Ref	-
Single/separated/divorced	1.27 (0.84-1.94)	0.262
Have children	0.58 (0.36-0.93)	0.024
Completed education		
Final year of secondary school		
Hong Kong (EDB school)*	Ref	-
Hong Kong (independent school)*	1.33 (0.51-3.48)	0.567
Outside of Hong Kong	0.55 (0.24-1.26)	0.157
First university degree		
No	Ref	-
Yes	1.13 (0.53-2.42)	0.751
Medical school followed a PBL curriculum (HKU [MB, BS] / CUHK [MB, ChB] / HKU [BDS])	0.65 (0.43-1.00)	0.049
Current work		
Level of seniority		
Associate consultant	Ref	-
Consultant	0.26 (0.03-2.06)	0.201
Medical officer	0.77 (0.49-1.20)	0.251
Not applicable	1.08 (0.45-2.60)	0.857
Academy Fellow	0.84 (0.55-1.28)	0.414
Year(s) in this post	1.00 (0.95-1.05)	0.942
Working hour(s) per week	1.00 (0.99-1.02)	0.930
Setting of practice		
Government	Ref	-
Hospital Authority	0.82 (0.41-1.64)	0.574
NGO	-	-
Private sector (private group/hospital/solo)	0.91 (0.35-2.37)	0.842
University	0.88 (0.24-3.19)	0.847
Not applicable	-	-
Providing primary care	0.89 (0.58-1.39)	0.618

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SUPPLEMENTARY TABLE 3. Bivariate logistic model for personal burnout (cut-off score of ≥ 50 [moderate and higher])

	Odds ratio (95% CI)	P value
Age	0.97 (0.94-0.99)	0.026
Male gender	0.93 (0.63-1.36)	0.694
Marital status		
Married/common-law	Ref	-
Single/separated/divorced	1.29 (0.87-1.90)	0.206
Have children	0.90 (0.60-1.35)	0.595
Completed education		
Final year of secondary school		
Hong Kong (EDB school)*	Ref	-
Hong Kong (independent school)*	1.30 (0.47-3.61)	0.609
Outside of Hong Kong	1.04 (0.55-1.99)	0.902
First university degree		
No	Ref	-
Yes	0.37 (0.15-0.89)	0.027
Medical school followed a PBL curriculum (HKU [MB, BS] / CUHK [MB, ChB] / HKU [BDS])	0.77 (0.52-1.13)	0.182
Current work		
Level of seniority		
Associate consultant	Ref	-
Consultant	0.35 (0.11-1.08)	0.068
Medical officer	1.20 (0.79-1.82)	0.398
Not applicable	0.99 (0.43-2.29)	0.980
Academy Fellow	0.61 (0.41-0.92)	0.017
Year(s) in this post	0.97 (0.93-1.01)	0.183
Working hour(s) per week	1.04 (1.02-1.05)	<0.001
Setting of practice		
Government	Ref	-
Hospital Authority	1.95 (1.05-3.62)	0.034
NGO	0.63 (0.04-10.74)	0.752
Private sector (private group/hospital/solo)	0.83 (0.36-1.91)	0.666
University	2.22 (0.63-7.75)	0.212
Not applicable	-	-
Providing primary care	1.07 (0.71-1.60)	0.747

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SUPPLEMENTARY TABLE 4. Bivariate logistic model for work-related burnout (cut-off score of ≥ 50 [moderate and higher])

	Odds ratio (95% CI)	P value
Age	0.97 (0.94-1.00)	0.053
Male gender	0.88 (0.60-1.29)	0.512
Marital status		
Married/common-law	Ref	-
Single/separated/divorced	1.71 (1.16-2.53)	0.007
Have children	0.66 (0.44-0.98)	0.038
Completed education		
Final year of secondary school		
Hong Kong (EDB school)*	Ref	-
Hong Kong (independent school)*	1.05 (0.40-2.74)	0.926
Outside of Hong Kong	0.58 (0.32-1.05)	0.070
First university degree		
No	Ref	-
Yes	0.84 (0.42-1.66)	0.608
Medical school followed a PBL curriculum (HKU [MB, BS] / CUHK [MB, ChB] / HKU [BDS])	0.75 (0.51-1.10)	0.143
Current work		
Level of seniority		
Associate consultant	Ref	-
Consultant	0.27 (0.09-0.88)	0.029
Medical officer	1.23 (0.82-1.86)	0.322
Not applicable	0.70 (0.32-1.53)	0.367
Academy Fellow	0.69 (0.47-1.02)	0.063
Year(s) in this post	1.00 (0.96-1.05)	0.863
Working hour(s) per week	1.03 (1.02-1.05)	<0.001
Setting of practice		
Government	Ref	-
Hospital Authority	1.38 (0.73-2.61)	0.322
NGO	0.49 (0.03-8.26)	0.617
Private sector (private group/hospital/solo)	0.40 (0.17-0.94)	0.035
University	0.97 (0.31-3.06)	0.958
Not applicable	-	-
Providing primary care	1.35 (0.90-2.02)	0.147

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SUPPLEMENTARY TABLE 5. Bivariate logistic model for client-related burnout (cut-off score of ≥ 50 [moderate and higher])

	Odds ratio (95% CI)	P value
Age	0.99 (0.96-1.02)	0.354
Male gender	0.79 (0.56-1.12)	0.187
Marital status		
Married/common-law	Ref	-
Single/separated/divorced	1.28 (0.90-1.82)	0.165
Have children	0.90 (0.63-1.30)	0.583
Completed education		
Final year of secondary school		
Hong Kong (EDB school)*	Ref	-
Hong Kong (independent school)*	0.43 (0.18-1.06)	0.066
Outside of Hong Kong	0.82 (0.46-1.46)	0.501
First university degree		
No	Ref	-
Yes	1.16 (0.63-2.12)	0.640
Medical school followed a PBL curriculum (HKU [MB, BS] / CUHK [MB, ChB] / HKU [BDS])	0.85 (0.60-1.21)	0.370
Current work		
Level of seniority		
Associate consultant	Ref	-
Consultant	0.68 (0.22-2.09)	0.496
Medical officer	1.03 (0.71-1.50)	0.878
Not applicable	0.65 (0.30-1.40)	0.269
Academy Fellow	0.99 (0.69-1.40)	0.933
Year(s) in this post	0.98 (0.94-1.02)	0.356
Working hour(s) per week	1.00 (0.99-1.02)	0.539
Setting of practice		
Government	Ref	-
Hospital Authority	1.47 (0.81-2.66)	0.205
NGO	1.04 (0.06-17.61)	0.977
Private sector (private group/hospital/solo)	0.79 (0.35-1.79)	0.576
University	0.52 (0.17-1.61)	0.257
Not applicable	-	-
Providing primary care	1.50 (1.04-2.16)	0.031

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