

**Table 4. Associations between patient factors and doctor detection**

Patient factor	Detected, n(%)	Not detected, n(%)	$\chi^2$ (df)	Multiple logistic regression (n = 7346) <sup>a</sup>	
				Wald $\chi^2$ (df) <sup>b</sup>	Adj. OR (95% CI)
<b>Gender</b>			70.80 (1)**	23.70 (1)**	4.38 (1)*
Male	155 (25.5)	3795 (42.9)		1.00	1.00
Female	453 (74.5)	5053 (57.1)		1.89 (1.46 - 2.44)	1.35 (1.02 - 1.78)
<b>Age Group</b>			34.76 (2)**	10.08 (2)**	7.94 (2)*
18-34 yrs	102 (17.1)	2351 (27.0)		1.00	1.00
35-54 yrs	216 (36.2)	3120 (35.9)		1.71 (1.23 - 2.39)	1.65 (1.14 - 2.39)
55+ yrs	279 (46.7)	3225 (37.1)		1.61 (1.05 - 2.49)	1.86 (1.14 - 3.01)
<b>Education</b>			23.68 (1)**	0.17 (1)	0.03 (1)
Secondary or above	407 (67.5)	6721 (76.3)		1.00	1.00
Primary or no formal education	196 (32.5)	2090 (23.7)		0.94 (0.71 - 1.25)	1.03 (0.75 - 1.41)
<b>Marital Status</b>			1.73 (1)	0.80 (1)	0.40 (1)
Married	355 (59.1)	5422 (61.5)		1.00	1.00
Single/Separated/Divorced/Widowed	246 (40.9)	3391 (38.5)		1.11 (0.88 - 1.41)	0.92 (0.70 - 1.20)
<b>Working Status</b>			117.95 (4)**	38.85 (4)**	20.62 (4)**
Employed	260 (44.4)	5578 (64.0)		1.00	1.00
Unemployed	26 (4.4)	135 (1.5)		3.53 (2.06 - 6.05)	1.56 (0.78 - 3.13)
Retired	167 (28.5)	1827 (21.0)		2.00 (1.40 - 2.84)	2.16 (1.45 - 3.21)
House-maker	115 (19.6)	902 (10.3)		2.02 (1.46 - 2.80)	2.05 (1.41 - 2.97)
Student	18 (3.1)	275 (3.2)		1.62 (0.83 - 3.17)	1.18 (0.56 - 2.46)
<b>Household monthly income</b>			19.86 (1)**	3.56 (1)	0.07 (1)
More than HK\$30,000	146 (28.5)	2947 (38.3)		1.00	1.00
HK\$30,000 or below	367 (71.5)	4746 (61.7)		1.27 (0.99 - 1.63)	1.04 (0.79 - 1.37)
<b>Ethnicity</b>			1.82 (1)	12.53 (1)**	5.36 (1)*
Chinese	603 (95.3)	8703 (96.3)		1.00	1.00
Non-Chinese	30 (4.7)	333 (3.7)		2.52 (1.51 - 4.20)	2.01 (1.11 - 3.63)
<b>Smoking habit</b>			1.16 (1)	0.86 (1)	0.10 (1)
Non- or ex-smoker	537 (88.5)	7656 (87.0)		1.00	1.00
Current smoker	70 (11.5)	1149 (13.0)		1.18 (0.83 - 1.67)	0.94 (0.64 - 1.39)
<b>Alcohol use</b>			4.99 (1)*	0.13 (1)	0.00 (1)
Less than once a week or never	548 (90.3)	7681 (87.2)		1.00	1.00
More than once a week	59 (9.7)	1131 (12.8)		1.07 (0.74 - 1.54)	1.00 (0.67 - 1.50)
<b>Regular exercise pattern</b>			20.92 (1)**	18.66 (1)**	10.58 (1)**
Yes	394 (65.1)	6465 (73.7)		1.00	1.00
No exercise at all	211 (34.9)	2313 (26.3)		1.62 (1.30 - 2.02)	1.51 (1.18 - 1.93)
<b>Seen a doctor in past 4 weeks</b>			65.72 (1)**	35.67 (1)**	8.15 (1)**
No	196 (31.0)	4302 (47.7)		1.00	1.00
More than once	436 (69.0)	4726 (52.3)		1.96 (1.57 - 2.44)	1.43 (1.12 - 1.83)
<b>Seen a TCM practitioner in past 4 weeks</b>			14.86 (1)**	2.04 (1)	0.17 (1)
No	469 (74.2)	7275 (80.5)		1.00	1.00
More than once	163 (25.8)	1758 (19.5)		1.20 (0.93 - 1.54)	0.94 (0.70 - 1.26)
<b>Disease co-morbidity</b>			65.21 (2)**	17.64 (2)**	0.97 (2)
None	221 (36.4)	4413 (50.1)		1.00	1.00
One	150 (24.7)	2216 (25.1)		1.29 (0.97 - 1.72)	1.05 (0.76 - 1.44)
Two or more	236 (38.9)	2188 (24.8)		1.88 (1.40 - 2.53)	1.18 (0.84 - 1.65)
<b>Family history mental illness</b>			70.56 (1)**	48.24 (1)**	9.53 (1)**
No	483 (81.5)	7919 (91.7)		1.00	1.00
Yes	110 (18.5)	721 (8.3)		2.61 (1.99 - 3.43)	1.66 (1.20 - 2.29)
<b>Service Sector</b>			2042 (1)	1.89 (1)	4.34 (1)*
Public	183 (28.8)	2355 (26.0)		1.00	1.00
Private	453 (71.2)	6714 (74.0)		1.20 (0.93 - 1.55)	1.36 (1.02 - 1.83)
<b>Symptom severity/ PHQ-9 score<sup>c</sup></b>			779.72 (4)**		147.03 (4)**
Minimal/ score 0-4	175 (29.1)	5725 (65.0)			1.00
Mild/ score 5-9	178 (29.6)	2260 (25.6)			2.16 (1.63 - 2.86)
Moderate/ score 10-14	135 (22.4)	622 (7.1)			4.67 (3.34 - 6.53)
Mod-severe/ score 15-19	72 (12.0)	162 (1.8)			8.53 (5.41 - 13.46)
Severe/ score 20-27	42 (7.0)	43 (0.5)			10.42 (5.20 - 20.89)
<b>Self-reported depression history<sup>c</sup></b>			1564.17 (1)**		85.05 (1)**
No	314 (52.8)	8369 (95.7)			1.00
Yes	281 (42.6)	378 (4.3)			10.16 (7.73 - 13.34)
<b>Self-reported other mental illness history<sup>c</sup></b>			330.67 (1)**		43.68 (1)**
No	450 (83.2)	8425 (97.6)			1.00
Yes	91 (16.8)	211 (2.4)			2.89 (1.93 - 4.31)

\*  $p < .05$ ; \*\*  $p < .01$

<sup>a</sup> Model Chi-square = 872.43, df = 26,  $p < 0.001$ ; Nagelkerke R-square = 0.320; Hosmer & Lemeshow Test, Chi-square = 17.79, df = 8,  $p = 0.023$

<sup>b</sup> Wald test statistics are shown in italic.

<sup>c</sup> Factors entered in second block of the regression model; Block Chi-square = 591.50, df = 6,  $p < .001$ .