Research Article

Prevalence and Related Factors of Subthreshold Depression among Chinese Residents: A National Cross-sectional Study

Supplementary File

Table S1. Multivariate binary logistic regression results of factors associated with subthreshold depression (Model 1 and Model 2)

Variable	β	SE	Wald χ^2	p	OR	95% CI of OR	
						Lower	Upper
Model 1							
Gender (Female as the control group)							
Male	−0.17	0.05	12.29	< 0.001*	0.85	0.77	0.93
Age (19 to 35 years old as the control group)							
36 to 59 years old	−0.21	0.07	9.68	0.002*	0.81	0.71	0.92
60 years or older	−0.59	0.12	23.25	< 0.001*	0.55	0.44	0.70
Employment status (Employed as the control group)							
Student	0.13	0.09	2.16	0.142	1.14	0.96	1.35
Unemployed	0.21	0.07	10.44	0.001*	1.24	1.09	1.41
Retired	−0.11	0.11	0.88	0.349	0.90	0.72	1.12
Per capita monthly household income, yuan (3,000 [USD 421.4] or below as the control group)							
3,001 (USD 421.6) or above	−0.16	0.06	8.38	0.004*	0.85	0.77	0.95
Being in debt (No as the control group)							
Yes	0.29	0.05	36.00	< 0.001*	1.34	1.22	1.48
Marital status (Married as the control group)							
Unmarried	0.19	0.09	4.61	0.032*	1.21	1.02	1.43
Divorced or widowed	0.46	0.13	13.52	<0.001*	1.58	1.24	2.02
Single-child (Yes as the control group)							
No	0.23	0.06	14.01	<0.001*	1.26	1.12	1.42
Chronic diseases (No as the control group)							
Yes	0.45	0.07	42.35	<0.001*	1.57	1.37	1.79
Model 2							
PSSS	−0.01	0.00	20.59	<0.001*	0.99	0.98	0.99
FHS-SF	−0.03	0.01	39.03	<0.001*	0.97	0.96	0.98
EQ-VAS	−0.02	0.00	116.53	<0.001*	0.98	0.98	0.99
HLS-SF12	−0.02	0.00	26.19	<0.001*	0.98	0.98	0.99

Notes: Model 1 used the social demographic characteristics of the respondents as independent variables. Model 2 used the scale scores of the respondents as independent variables. Statistical significance determined at *p<0.05.
Abbreviations: β: Regression coefficient; CI: Confidence intervals; EQ-VAS: EuroQol-Visual Analog Scales; FHS-SF: Short-form of the Family Health Scale; HLS-SF12: Short-form of Health Literacy Instrument; NGSES: New General Self-Efficacy Scale; OR: Odds ratios; PSSS: Perceived Social Support Scale; SD: Subthreshold depression; SE: Standard errors of regression coefficients.

Table S2. Predictive value of logistic regression models of subthreshold depression

Model	Accuracy	Recall	Precision	Cutoff value	Sensitivity	Specificity	Youden's index	F	95% CI of AUC
Model 1	0.59	0.59	0.57	0.41	0.65	0.50	0.15	0.54	0.60 (0.58, 0.61)
Model 2	0.62	0.62	0.61	0.41	0.66	0.58	0.24	0.60	0.66 (0.65, 0.67)
Model 3	0.64	0.64	0.63	0.44	0.60	0.67	0.28	0.62	0.68 (0.67, 0.70)

Abbreviations: AUC: Area under the curve; CI: Confidence intervals.