

Supplementary table 1. Univariate and multivariate logistic regression analyses.

Knowledge	Univariate logistic regression		Multivariate logistic regression	
	OR (95% CI)	P	OR (95% CI)	P
Gender				
Male	ref			
Female	1.110 (0.717-1.717)	0.640		
Age				
Less than 35 years old	ref			
35-44 years old	1.307 (0.830-2.058)	0.248		
45 years old and above	1.133 (0.680-1.888)	0.631		
Child's grade				
1	ref			
2	0.985 (0.500-1.942)	0.966		
3	0.928 (0.502-1.717)	0.813		
4	1.031 (0.588-1.807)	0.915		
5	1.283 (0.672-2.451)	0.450		
6	0.526 (0.262-1.058)	0.071		
Number of siblings				
0	ref		ref	
1	0.614 (0.421-0.895)	0.011	0.650 (0.434-0.974)	0.037
≥2	0.535 (0.259-1.108)	0.092	0.655 (0.301-1.423)	0.655
Education				
High School / Technical secondary school and below	ref		ref	

Junior college/Bachelor's degree	3.739 (2.013-6.943)	<0.001	3.072 (1.566-6.025)	0.001
Master's degree and above	6.293 (2.557-15.491)	<0.001	6.259 (2.327-16.835)	<0.001
Work Status				
Employed	ref		ref	
Unemployed	0.387 (0.166-0.902)	0.028	0.720 (0.290-1.785)	0.478
Self-employed	0.876 (0.486-1.579)	0.661	1.295 (0.677-2.477)	0.434
Full-time homemaker	0.633 (0.274-1.461)	0.284	0.876 (0.359-2.141)	0.772
Monthly household income per person				
<5000	ref		ref	
5000-10000	2.166 (1.156-4.059)	0.016	1.859 (0.960-3.596)	0.066
10000-20000	2.689 (1.432-5.050)	0.002	1.999 (1.029-3.883)	0.041
>20000	1.944 (0.999-3.783)	0.050	1.452 (0.716-2.947)	0.301
Are the parents nearsighted?				
Yes	2.023 (1.380-2.965)	<0.001	1.547 (1.028-2.330)	0.037
No	ref		ref	
Is the child nearsighted?				
Yes	1.784 (1.249-2.550)	0.01	1.923 (1.314-2.813)	0.001
No	ref		ref	
Attitude				
Knowledge score	1.265 (1.161-1.379)	<0.001	1.239 (1.131-1.357)	<0.001
Gender				
Male	ref		ref	
Female	2.083 (1.357-3.198)	0.001	2.080 (1.307-3.310)	0.002
Age				
Less than 35 years old	ref		ref	
35-44 years old	0.629 (0.408-0.970)	0.036	0.533 (0.334-0.851)	0.008

45 years old and above	0.581 (0.358-0.943)	0.028	0.632 (0.372-1.074)	0.090
Child's grade				
1	ref			
2	1.170 (0.608-2.253)	0.639		
3	1.145 (0.634-2.067)	0.654		
4	0.988 (0.574-1.698)	0.964		
5	0.949 (0.505-1.786)	0.872		
6	0.589 (0.311-1.115)	0.104		
Number of siblings				
0	ref			
1	0.751 (0.527-1.070)	0.113		
≥2	0.772 (0.402-1.485)	0.439		
Education				
High School / Technical secondary school and below	ref		ref	
Junior college/Bachelor's degree	1.870 (1.170-2.988)	0.009	1.172 (0.691-1.989)	0.556
Master's degree and above	2.073 (0.924-4.651)	0.077	1.231 (0.495-3.065)	0.655
Work Status				
Employed	ref			
Unemployed	1.031 (0.527-2.019)	0.928		
Self-employed	0.756 (0.430-1.331)	0.333		
Full-time homemaker	0.794 (0.373-1.690)	0.549		
Monthly household income per person				
<5000	ref		ref	
5000-10000	1.540 (0.886-2.676)	0.126	1.230 (0.685-2.207)	0.488
10000-20000	2.141 (1.225-3.741)	0.008	1.842 (1.010-3.359)	0.046

>20000	2.478 (1.373-4.472)	0.003	2.296 (1.211-4.351)	0.011
Are the parents nearsighted?				
Yes	1.875 (1.317-2.668)	<0.001	1.549 (1.056-2.273)	0.025
No	ref		ref	
Is the child nearsighted?				
Yes	1.024 (0.726-1.443)	0.894		
No	ref			
Practice				
Knowledge score	1.128 (1.033-1.231)	0.007	1.062 (0.962-1.172)	0.233
Attitude score	1.187 (1.103-1.277)	<0.001	1.163 (1.076-1.258)	<0.001
Gender				
Male	ref			
Female	1.147 (0.730-1.803)	0.552		
Age				
Less than 35 years old	ref			
35-44 years old	0.942 (0.598-1.485)	0.798		
45 years old and above	0.822 (0.490-1.379)	0.459		
Child's grade				
1	ref		ref	
2	1.172 (0.608-2.262)	0.636	1.205 (0.616-2.359)	0.586
3	0.541 (0.291-1.005)	0.052	0.576 (0.305-1.086)	0.088
4	0.445 (0.251-0.790)	0.006	0.478 (0.265-0.859)	0.014
5	0.481 (0.244-0.949)	0.035	0.512 (0.253-1.033)	0.062
6	0.496 (0.254-0.971)	0.041	0.576 (0.288-1.150)	0.118
Number of siblings				
0	ref			

1	0.945 (0.647-1.380)	0.770		
≥2	0.577 (0.265-1.254)	0.165		
Education				
High School / Technical secondary school and below	ref		ref	
Junior college/Bachelor's degree	1.714 (1.002-2.929)	0.049	1.284 (0.723-2.281)	0.393
Master's degree and above	2.275 (0.966-5.360)	0.060	1.751 (0.713-4.297)	0.222
Work Status				
Employed	ref			
Unemployed	1.214 (0.600-2.457)	0.590		
Self-employed	1.090 (0.599-1.985)	0.778		
Full-time homemaker	1.179 (0.534-2.605)	0.683		
Monthly household income per person				
<5000	ref			
5000-10000	0.598 (0.317-1.131)	0.114		
10000-20000	0.694 (0.425-1.133)	0.144		
>20000	0.979 (0.603-1.590)	0.933		
Are the parents nearsighted?				
Yes	0.955 (0.658-1.387)	0.808		
No	ref			
Is the child nearsighted?				
Yes	0.716 (0.491-1.045)	0.083		
No	ref			

Abbreviation: OR: odd ratio; CI: confidence interval; ref: reference.