

TABLE 4 Selected results of the multinomial logistic regression models (n=392)

Variable	Latent Class		
	Class 1	Class 2	Class 3
	“High caregiving ability” class	“Medium caregiving ability” class	“Low caregiving ability” class
	OR (95% CI)	OR (95% CI)	-
Gender			
Male	1.084[0.483-2.429]	2.399[1.162-4.956] *	-
Female	-	-	-
Age			
≤30	1.244[0.337-4.601]	1.152[0.335-3.961]	-
31-40	0.898[0.291-2.769]	0.870[0.295-2.562]	-
>40	-	-	-
Marital Status			
Married	4.298[1.070-17.256] *	5.447[1.588-18.687] **	-
Unmarried	-	-	-
Education			
High school	2.679[1.116-6.430] *	3.032[1.348-6.818] **	-
Junior college	3.734[1.473-9.463] **	5.416 [2.269-12.930] **	-
Bachelor degree or above	-	-	-
Residency area			
City	1.108[0.473-2.597]	0.528[0.239-1.170]	-
Country	-	-	-
Hospital near residency area			
Yes	1.493[0.646-3.450]	0.471[0.202-1.098]	-

No	-	-	-
Average monthly household income			
2000-5000CNY(\$285-713)	0.245[0.087-0.691] **	0.279[0.102-0.760] *	-
5000-8000CNY (\$713-1411)	0.207[0.071-0.608] **	0.390[0.139-1.089] *	-
Over 8000CNY (over \$1411)	-	-	-
Type of medical payment			
Self-pay	0.830[0.390-1.766]	1.295[0.658-2.550]	-
Medical health insurance	0.954[0.355-2.562]	2.478[0.987-6.226]	-
Rural cooperative health care insurance	-	-	-
Daily caregiving time			
<12h	0.308[0.140-0.675] **	0.237[0.113-0.499] **	-
12-18h	0.293[0.115-0.750] *	0.422[0.185-0.965] *	-
18-24h	-	-	-
Number of co-caregiver			
3 or more	2.712[0.428-17.204]	2.338[0.463-11.822]	-
2	1.830[0.403-8.316]	0.480[0.134-1.727]	-
1	2.720[0.590-12.549]	1.081[0.301-3.881]	-
0	-	-	-
Gender of child			
Boy	0.921[0.475-1.789]	0.912[0.489-1.701]	-
Girl	-	-	-
Age of child			
<3	0.137[0.053-0.355] **	0.420[0.180-0.981] *	-
3-6	0.556[0.239-1.294]	0.650[0.286-1.476]	-

7 or more	-	-	-
Disease Diagnosis			
Leukemia	0.056[0.006-0.520] *	2.373[0.128-43.876]	-
Not leukemia	-	-	-
Single child			
Yes	1.125[0.547-2.312]	0.982 [0.503-1.919]	-
No	-	-	-
Treatment Duration			
1-3 months	1.044[0.460-2.366]	0.945[0.438-2.039]	-
4-8 months	0.842[0.299-2.373]	1.863[0.730-4.750]	-
9 months or more	-	-	-

*: $P < 0.05$

** : $P < 0.01$

-: Reference group