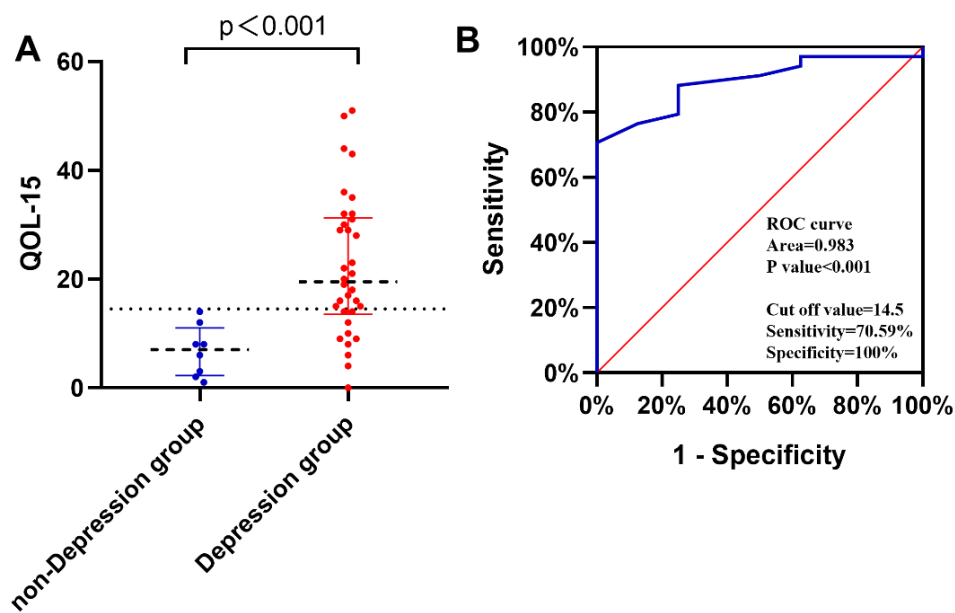


Supplementary figure 1 QOL-15 scores and sensitivity-specificity in the non-anxiety and anxiety groups. A: In late-onset patients, the medians (interquartile ranges) of QOL-15 scores of the non-anxiety and anxiety groups were 8 (10.5) and 20 (17), there were significant differences between the two groups ($P < 0.001$); B: ROC curves: the value of MG-QOL15 scores assisting in diagnosing anxiety in late-onset MG.



Supplementary figure 2 QOL-15 scores and sensitivity-specificity in the depression and non-depression groups. A: In late-onset patients, the medians (interquartile ranges) of QOL-15 scores of the non-depression and depression groups were 7 (8.75) and 19.5 (17.75), there were significant differences between the two groups ($P < 0.001$); B: ROC curves: the value of MG-QOL15 scores assisting in diagnosing depression in late-onset MG.

**Supplementary table 1 Multiplecollinearity of the generalized linear model -
logistic regression model**

Model		Collinearity statistic	
		TOL	VIF
1	Constant		
	Gender	0.933	1.072
	Age at onset	0.651	1.536
	Disease duration	0.919	1.089
	BMI	0.786	1.272
	Anti-AChR Ab	0.879	1.138
	QOL-15	0.902	1.108

TOL: Tolerance; VIF: Variance inflation.