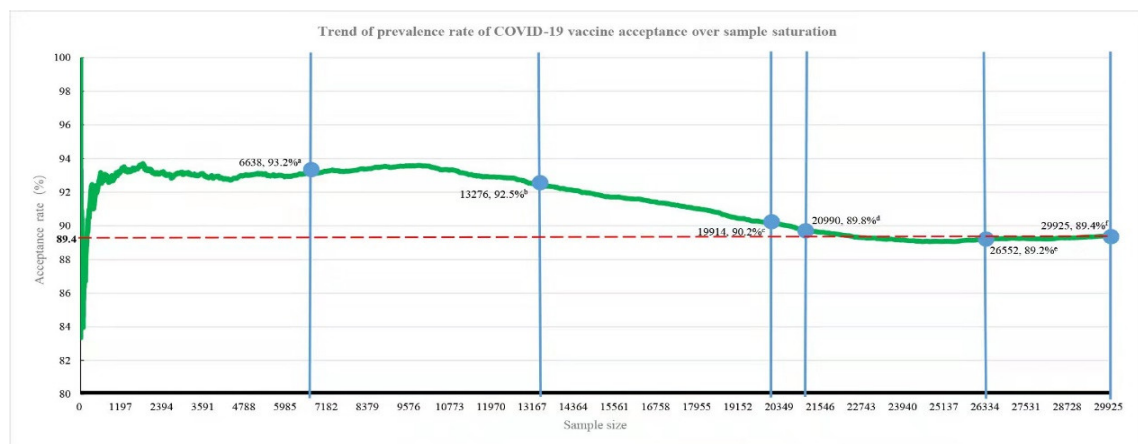**Table S1.** Factor loading matrix of Chinese residents' vaccination psychological experience model.

Items	Negative Psychological Experience Model		Positive Psychological Experience Model	
	Classification	Load	Classification	Load
	Anxious	0.831	Excited	0.744
	Angry	0.892	Relieved	0.839
	Sick	0.892	Happy	0.825
	Humiliated	0.760		
Eigenvalues		3.006		2.029
Variance contribution rate (%)		42.942		28.988
Cumulative variance contribution rate (%)		42.942		71.930

Figure S1. Sample saturation.

$$n = \frac{Z_{\alpha/2}^2 * P * (1 - P)}{d^2}$$

Figure S2. Sample Size Calculation Formula.

Note: The minimum sample size based on the COVID-19 vaccination coverage rate of 83.43% in the preliminary online survey, an allowable error of 1% and consider the missing 20% sample size.