

## **Statistical Analysis Methods**

SPSS 23.0 was used for statistical analysis. Descriptive analysis was performed for all variables. The Shapiro-Wilk test was used to test the normality of the data. Continuous variables were described as mean  $\pm$  standard deviation or median and interquartile range, and categorical variables were described as counts and percentages. For inter-group comparisons, independent samples t-test or Mann-Whitney U test was used for continuous data, while chi-square test or Fisher's exact test was used for categorical data. Repeated measures analysis of variance (ANOVA) was used for repeated measures indicators to evaluate the differences and interactions between the buccal acupuncture group and the control group, as well as among different time points. Logistic regression analysis was used for some qualitative data (such as abdominal distension rate, drug application, etc.), and linear regression analysis was used for some quantitative data (such as abdominal distension NRS score, etc.). All statistical analyses were two-tailed, and a *P* value  $< 0.05$  was considered statistically significant.