

# Biostatistics statement

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**Title:** Effects of electroacupuncture on CRH expression in the colon target organ and central nervous system of rats with chronic visceral hypersensitivity (ESPS Manuscript NO: 16245)

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**Biostatistics statement:** The statistical methods of this study were reviewed by Xiao-yi Fang from Shantou University Medical College.

The statistical analysis of all experimental data was performed using SPSS 18.0 statistical software (SPSS, USA). The quantitative data showing normal distribution in the normality test are presented as the mean  $\pm$  standard deviation (mean  $\pm$  SD). The differences between groups were compared using one-way analysis of variance (ANOVA). The least significant difference (LSD) method was applied for comparisons between groups in the case of homogeneity of variance, while Dunnett's T3 was applied for comparisons between groups in the case of heterogeneity of variance. A difference showing a  $P < 0.05$  was considered statistically significant. The data were not normally distributed are presented as M (Q25-Q75), and ANOVA was performed after rank transformation.

Biostatistician Signature: Xiaoyi Fang date: 2015-03-05