

## Biostatistics statement

Dear editor,

I reviewed the biostatistics of the manuscript No. 30037 “MiRNA-133a-UCP2 pathway regulates IBD progress by influencing inflammation, oxidative stress and energy metabolism”, as requested by the corresponding author of Dr.Zun Xiang.

In this manuscript, Statistical analyses were performed using SPSS, version 16 (Chicago, IL, USA). Data are presented as the mean  $\pm$  standard deviation when found to be normally distributed or as the median if the distribution was skewed. Differences between groups were analyzed using the Student's *t*-test or the Mann-Whitney *U* test.

After careful evaluation, I confirmed that the statistical analysis of this manuscript was performed appropriately and rigorously.

Nice regards!

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