

## Biostatistics statement

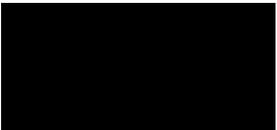
**Ref Manuscript NO.:** 88866

**Title:** Alkaline sphingomyelinase deficiency impairs intestinal mucosal barrier integrity and reduces antioxidant capacity in dextran sulfate sodium (DSS)-induced colitis

The statistical analyses were conducted by Dr. Wenting Cao, who has obtained a PhD degree in Epidemiology and Biostatistics at Sun Yat-sen University, and is currently affiliated at the Department of Epidemiology, International School of Public Health and One Health, Hainan Medical University. Wenting Cao reviewed this study related all statistical analyses again by the request of the revision to ensure that the correction and precision of the analyses.

Statistical analyses were conducted using SPSS 20.0, IBM Corporation. A P-value of less than 0.05 was considered statistically significant for all analyses.

**Name:** Wenting Cao

**Signature:** 

December 20, 2023

**Contact Email:** 

Department of Epidemiology, International School of Public Health and One Health, Hainan Medical University, Haikou, Hainan Province, China