Supplementary Material

Preliminary analysis of intestinal flora characteristics in children with obstructive sleep apnea hypopnea syndrome

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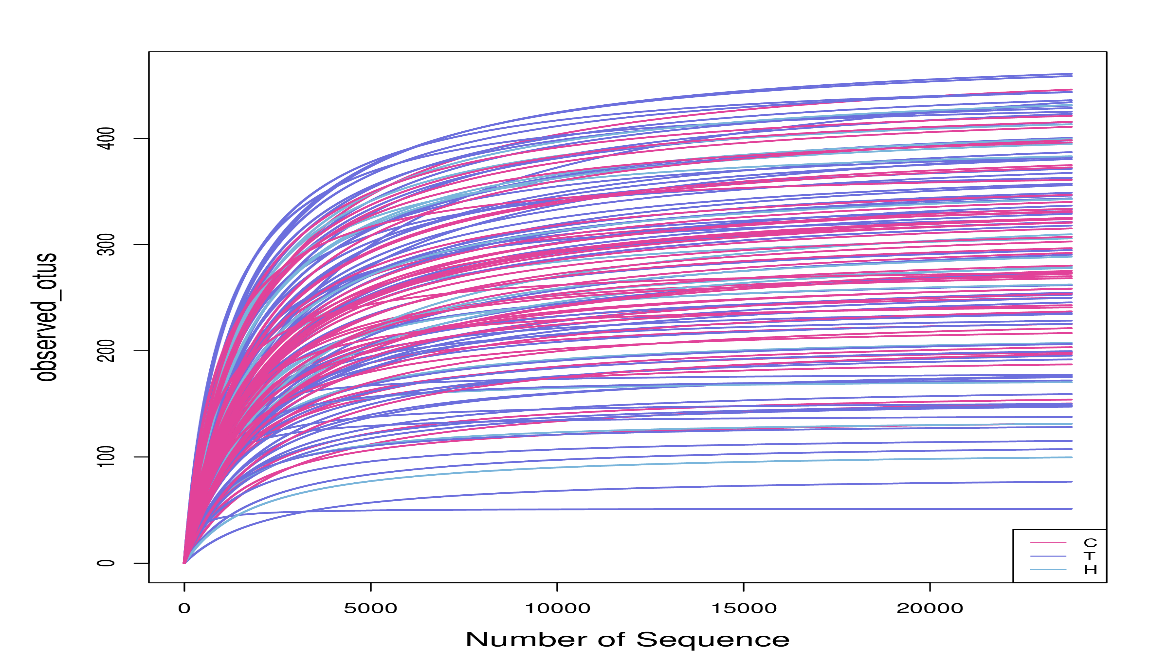
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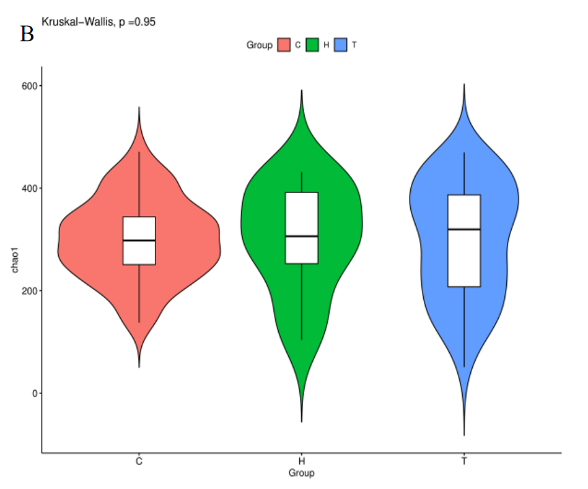
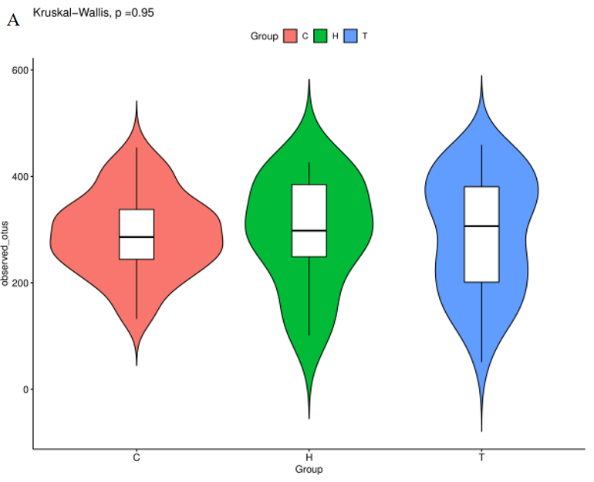
†The author is first authorship.

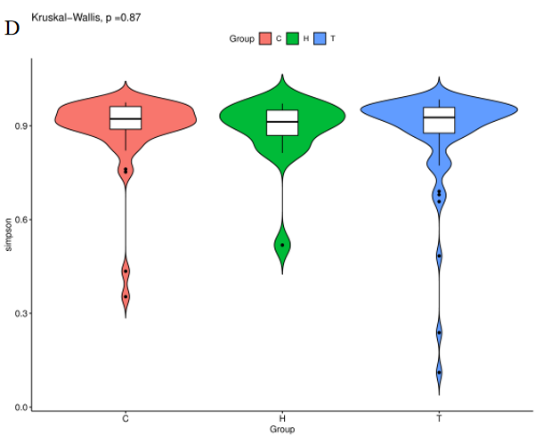
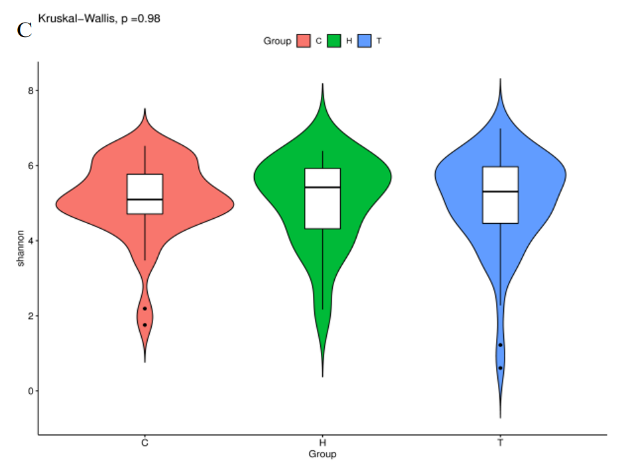
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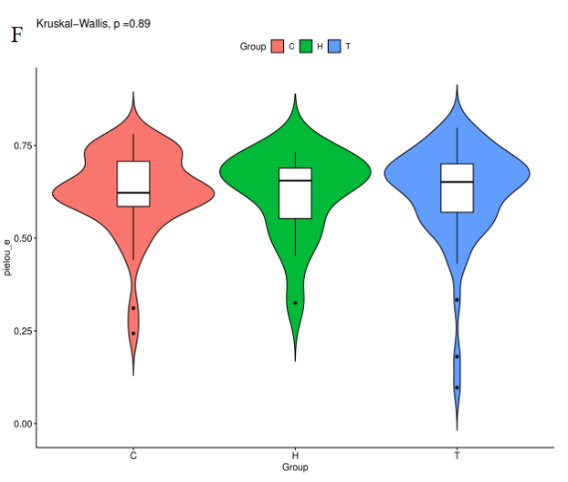
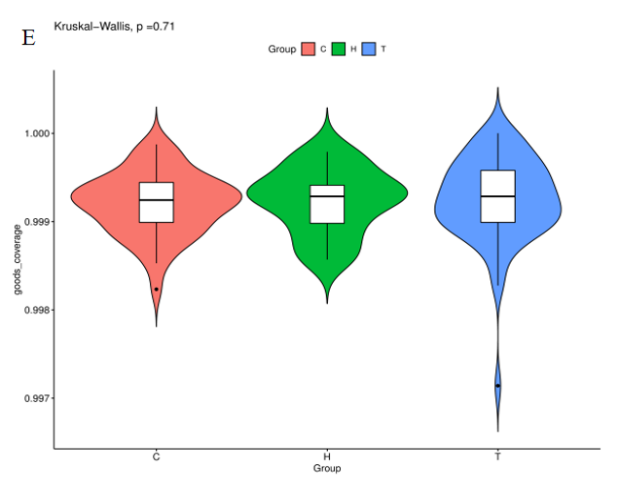
## Supplementary Figures

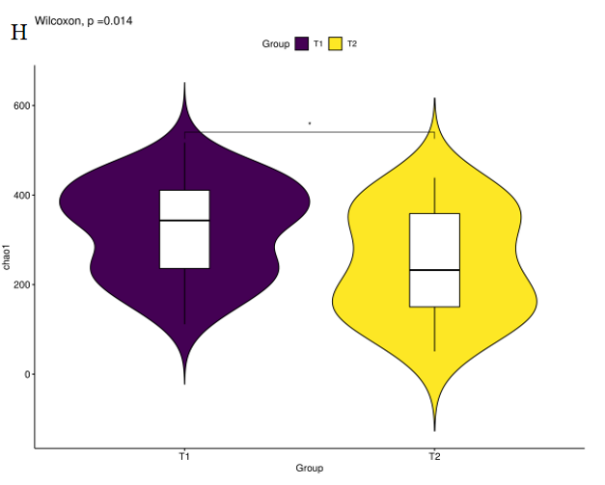
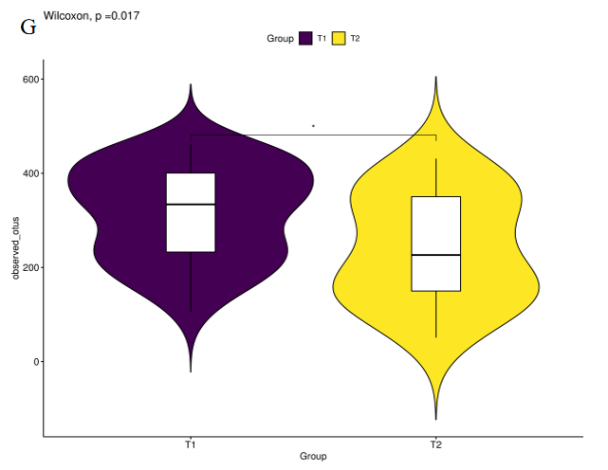
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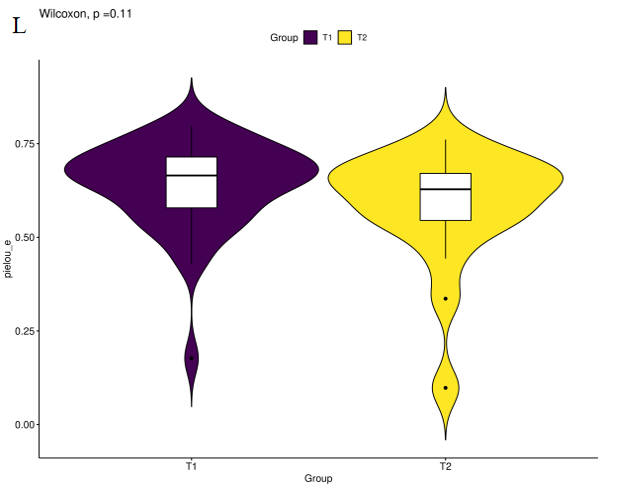
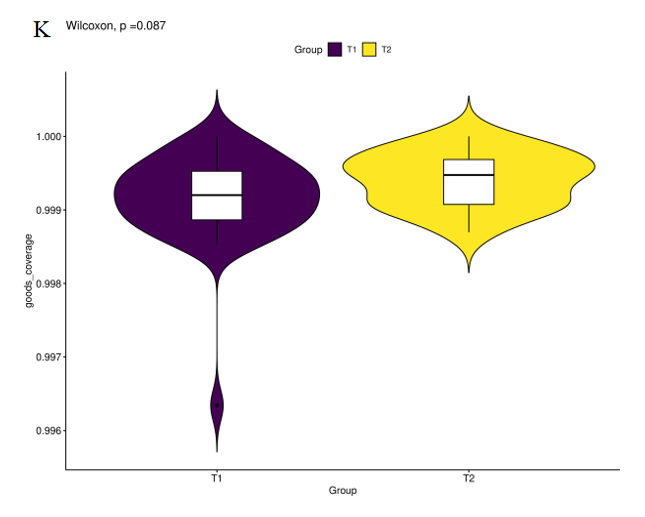
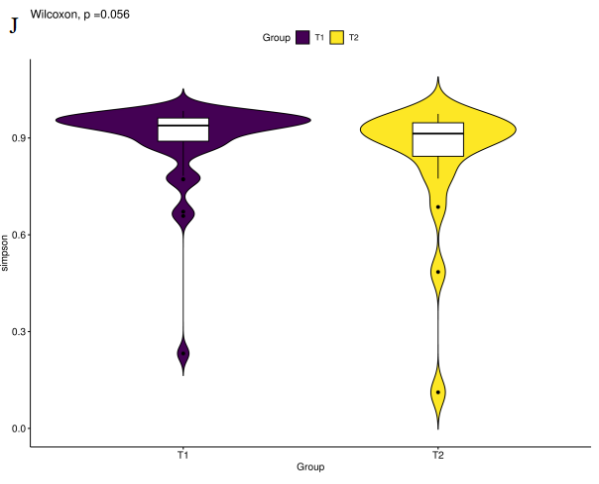
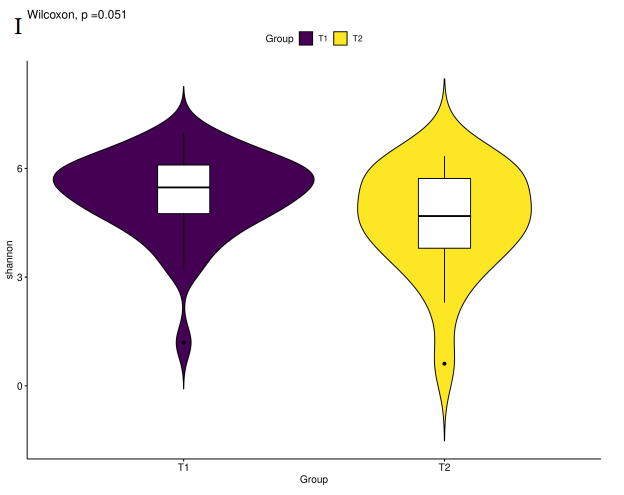
**Supplementary Figure 1.** Rarefaction Curve: The curve directly reflects the rationality of the detected sequencing data and indirectly reflects the richness of species. The curve of each sample tended to be flat, indicating that the amount of measured data was saturated and the sequencing depth reached a very high level.





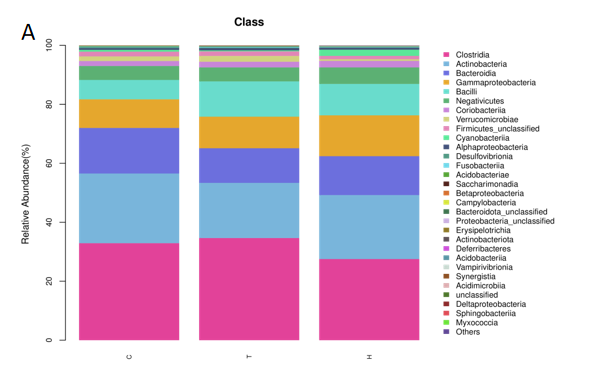


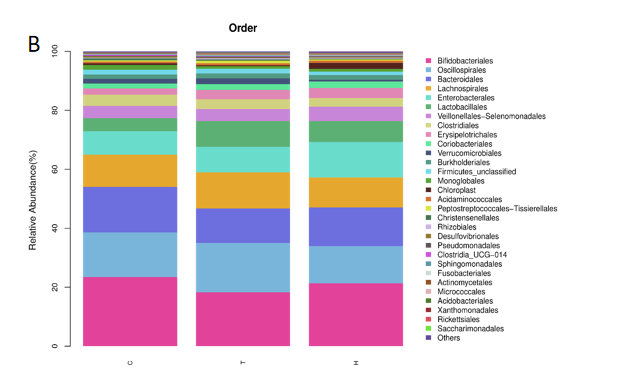
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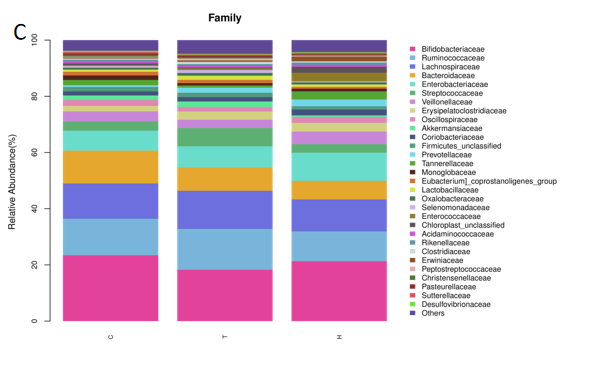
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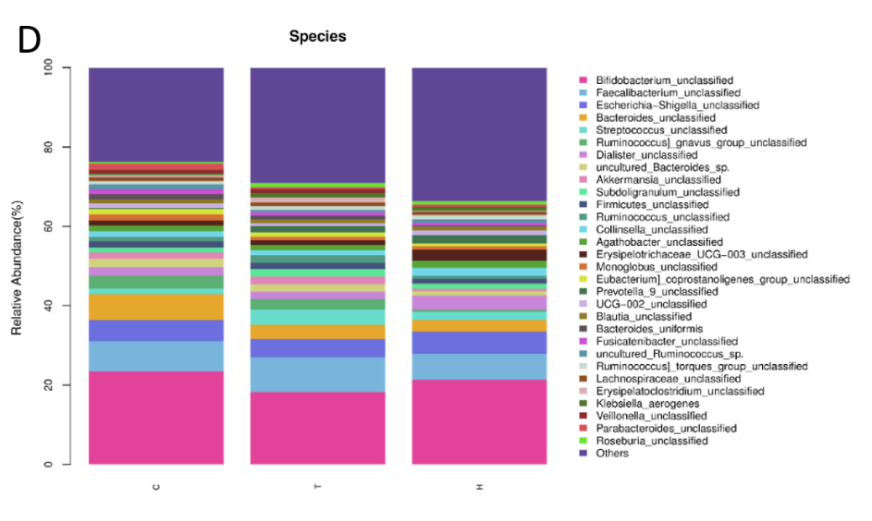
**Supplementary Figure 2.**  Analysis of Alpha diversity.

Note: A-F shows the alpha diversity of groups C, T, and H; G-L shows the alpha diversity of groups T1 and T2; C: control group, T: OSAHS group, H: simple snoring group,T1: mild OSAHS group, T2: moderate to severe OSAHS group; ★：P＜0.05.

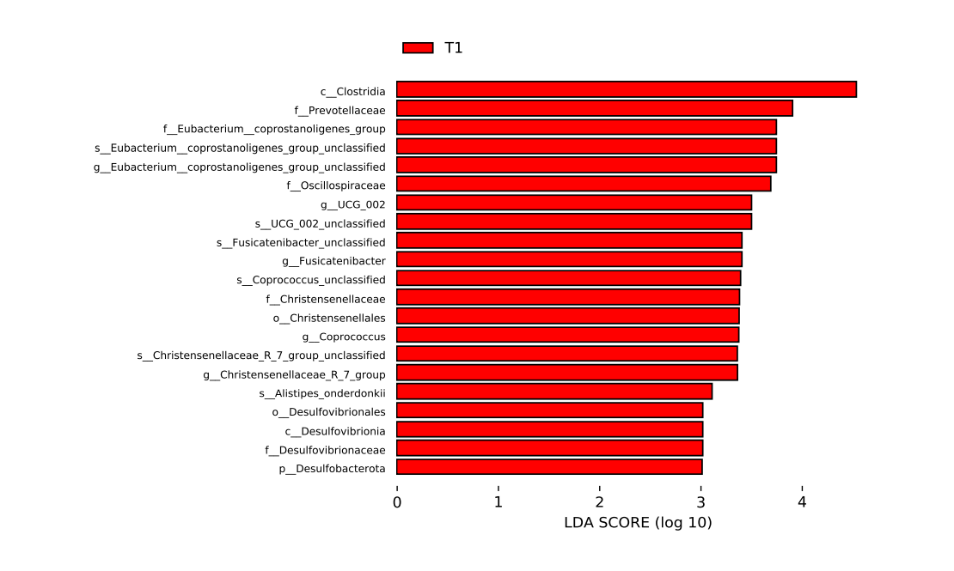








**Supplementary Figure 3.** Histogram of species classification; Class (A), Order (B), Family(C) and Species(D) levels. Note: C: control group, T: OSAHS group, H: simple snoring group; In the figure, the horizontal axis is the grouping, and the vertical axis is the relative abundance of a bacterial group. Different colors correspond to different species at the same level.



**Supplementary Figure 4.** Histogram of LDA distribution: Comparison of mild OSAHS group and moderate to severe OSAHS group. Note: Relative abundance of the most discriminant fecal metabolites according to LEfSe. T1: mild OSAHS group.