

Figure S1 The  $\alpha$ -diversity index in MS1 and MS2. (A) Shannon index in MS1 and MS2 groups. Asterisks are labeled according to the P values calculated, the same below. (B) Fisher index in MS1 and MS2 groups. (C) Simpson index in MS1 and MS2 groups. (D) InvSimpson index in MS1 and MS2 groups. MS1, molecular subtype 1; MS2, molecular subtype 2.

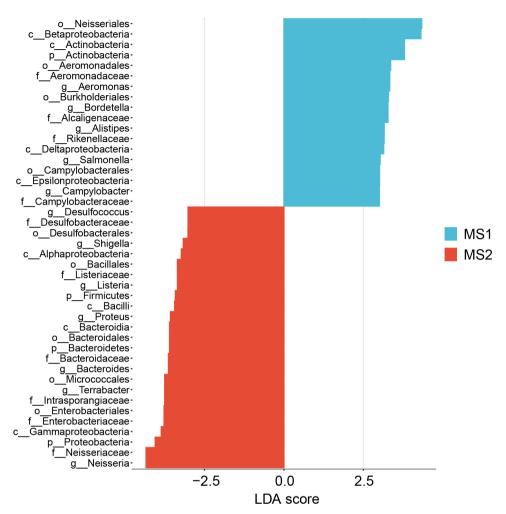


Figure S2 Histogram of the linear discriminant analysis combined with effect size. The LDA score indicates the effective size and ranking of each differential abundant taxon (|LDA score| >3). The "p" indicate phylum, the "c" indicate class, the "o" indicate order, the "f" indicate family, and the "g" indicate genus.