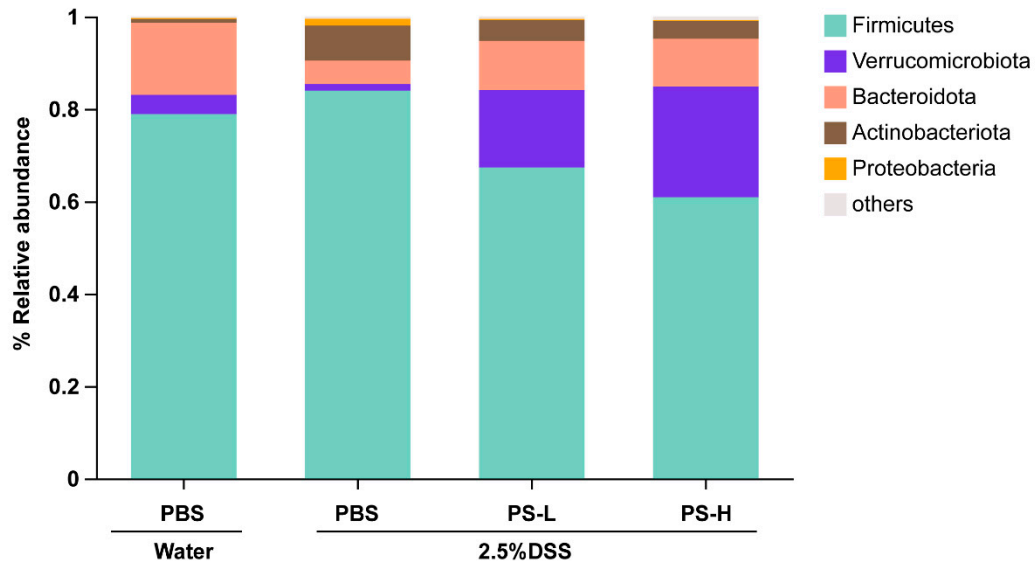
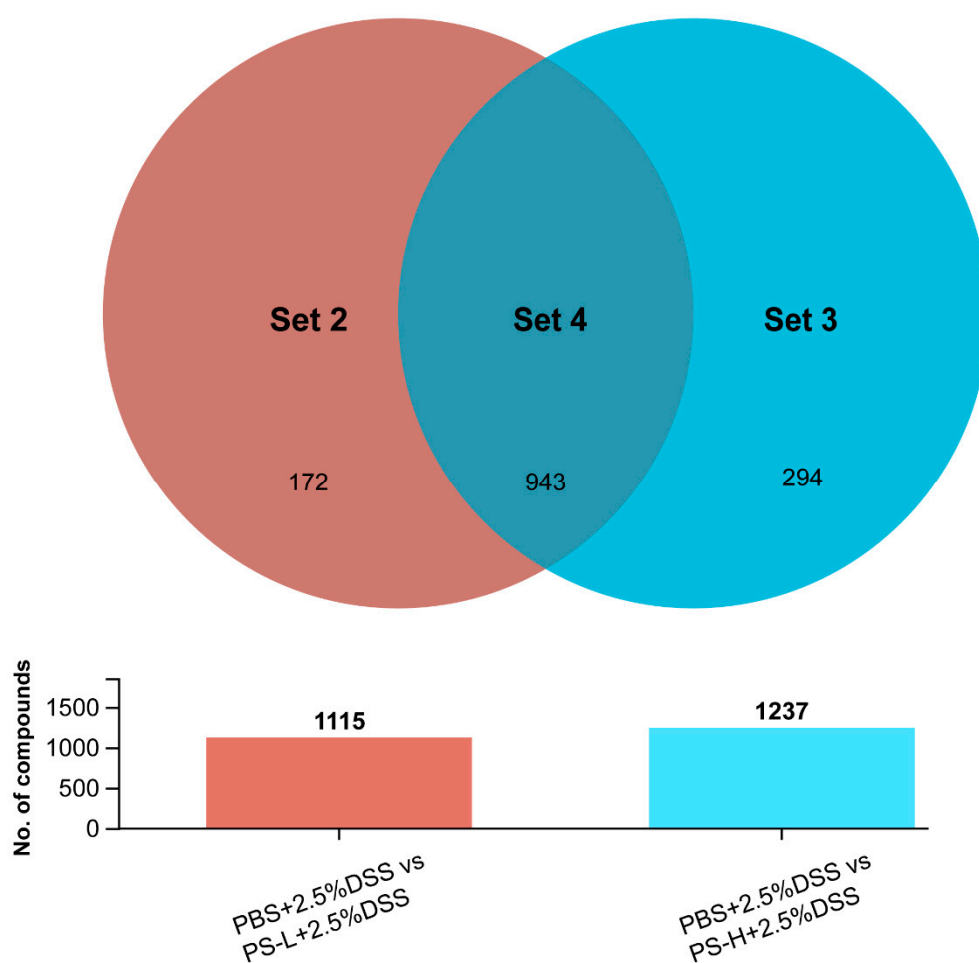


## Supplementary Figures



**Supplementary Figure S1.** Relative abundance of gut bacterial phylum in each group as described in Figure 2a.



**Supplementary Figure S2.** The Venn diagram of termed metabolic sets (upper) and the number of differential metabolites between each PS treatment group and DSS-induced group (lower).