

Supplementary Figures

Volatilomics Analysis of Jasmine Tea During Multiple Rounds of Scenting Processes

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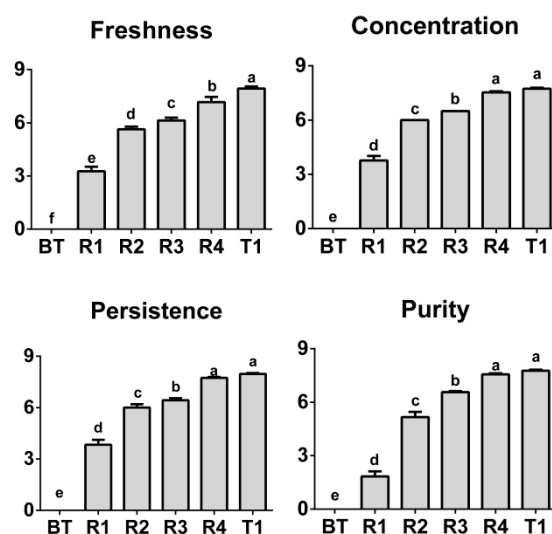


Figure S1. The significant difference analysis of taste attributes in base tea and jasmine tea with different rounds of scenting process. BT: base tea; R1: jasmine tea with one round of scenting process; R2: jasmine tea with two rounds of scenting processes; R3: jasmine tea with three rounds of scenting processes; R4: jasmine tea with four rounds of scenting processes; T1: jasmine tea with four rounds of scenting processes and Tihua process. The various small letters represent significant differences ($p < 0.05$).

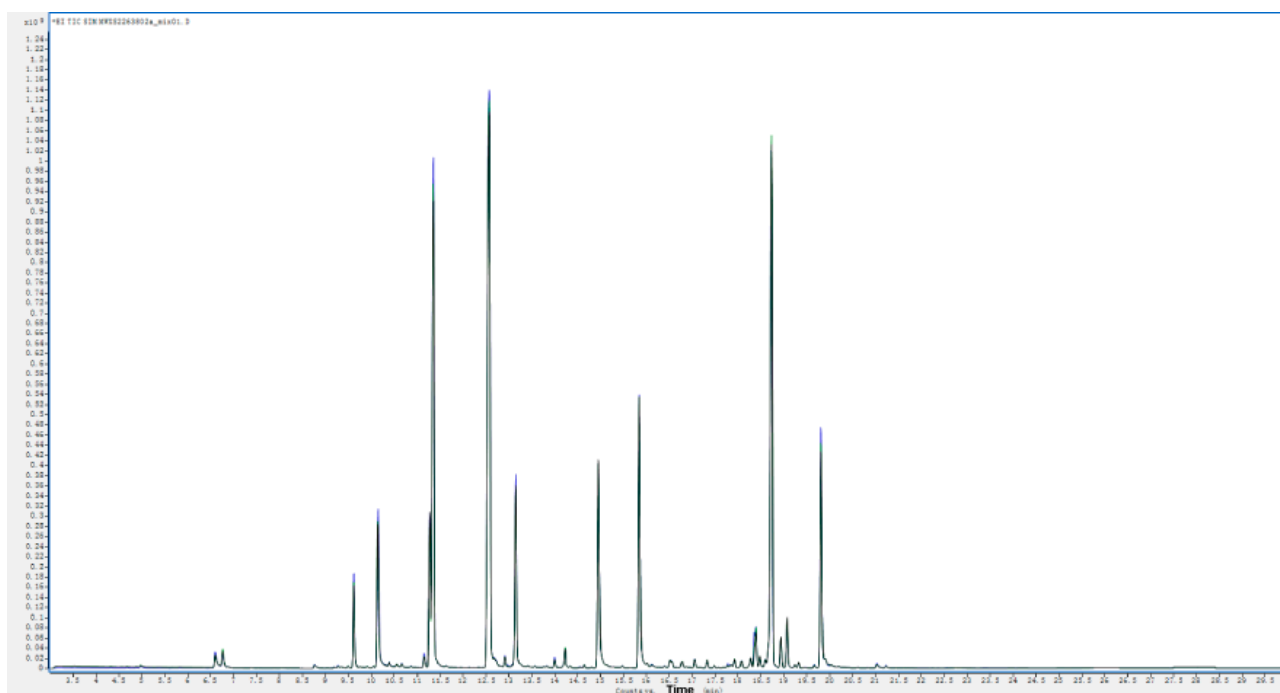
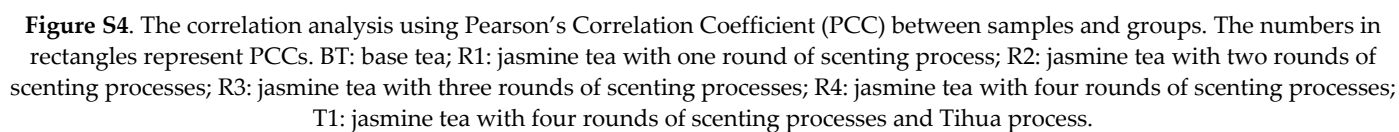
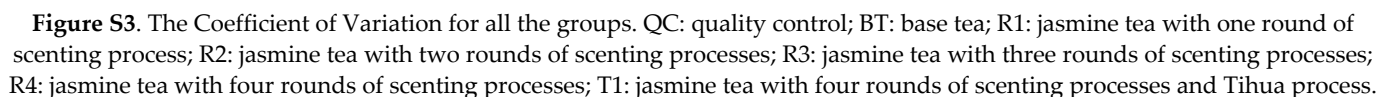


Figure S2. Total ion chromatogram of mass spectrometry analysis of the mixed sample for quality control.



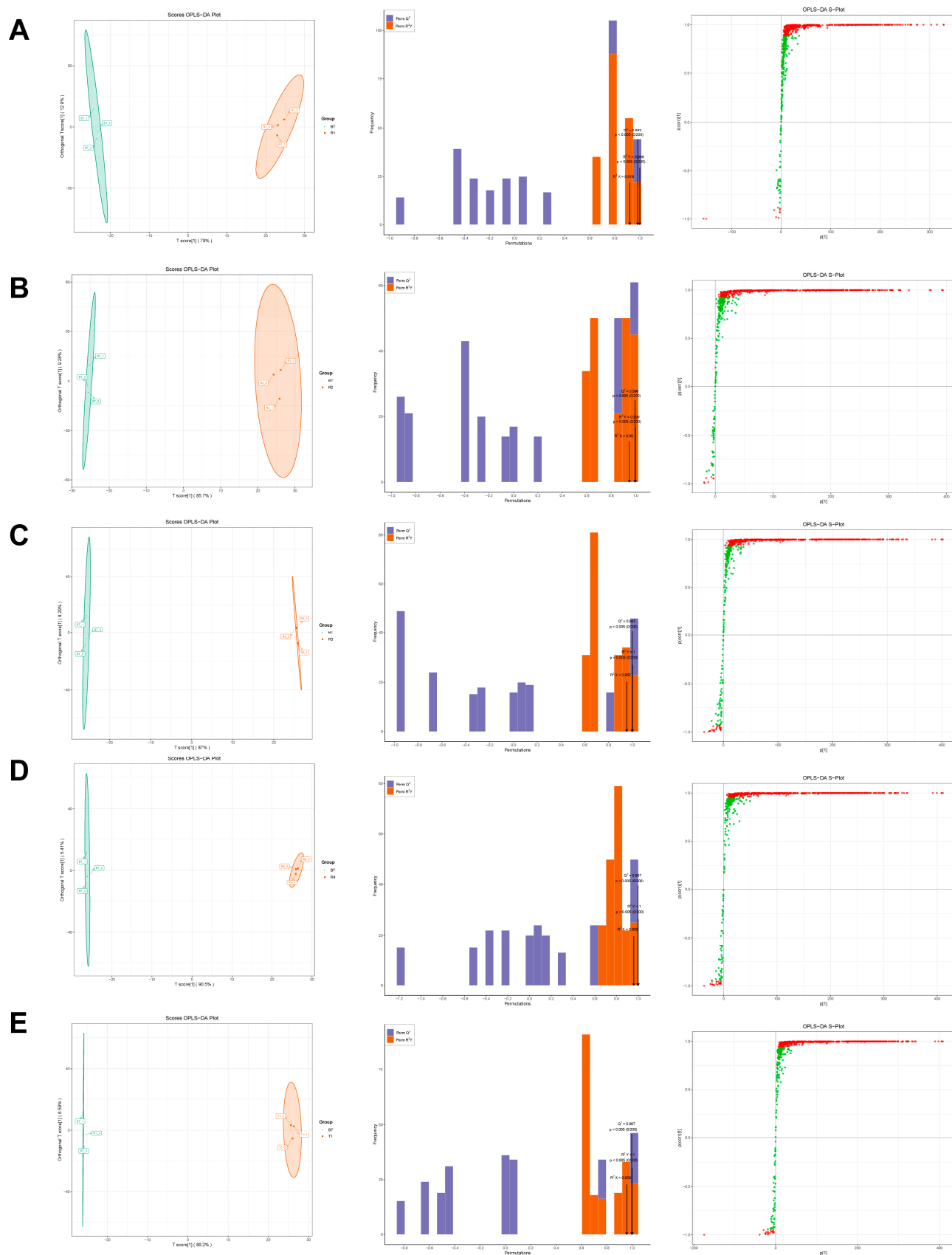


Figure S5. OPLS-DA score plots (left), permutation tests (middle), and S-plots of each pairwise comparison between the base tea and jasmine tea samples. The compared combinations were BT *vs.* R1 (A); BT *vs.* R2 (B); BT *vs.* R3 (C); BT *vs.* R4 (D); and BT *vs.* T1

(E). BT: base tea; R1: jasmine tea with one round of scenting process; R2: jasmine tea with two rounds of scenting processes; R3: jasmine tea with three rounds of scenting processes; R4: jasmine tea with four rounds of scenting processes; T1: jasmine tea with four rounds of scenting processes and Tihua process.

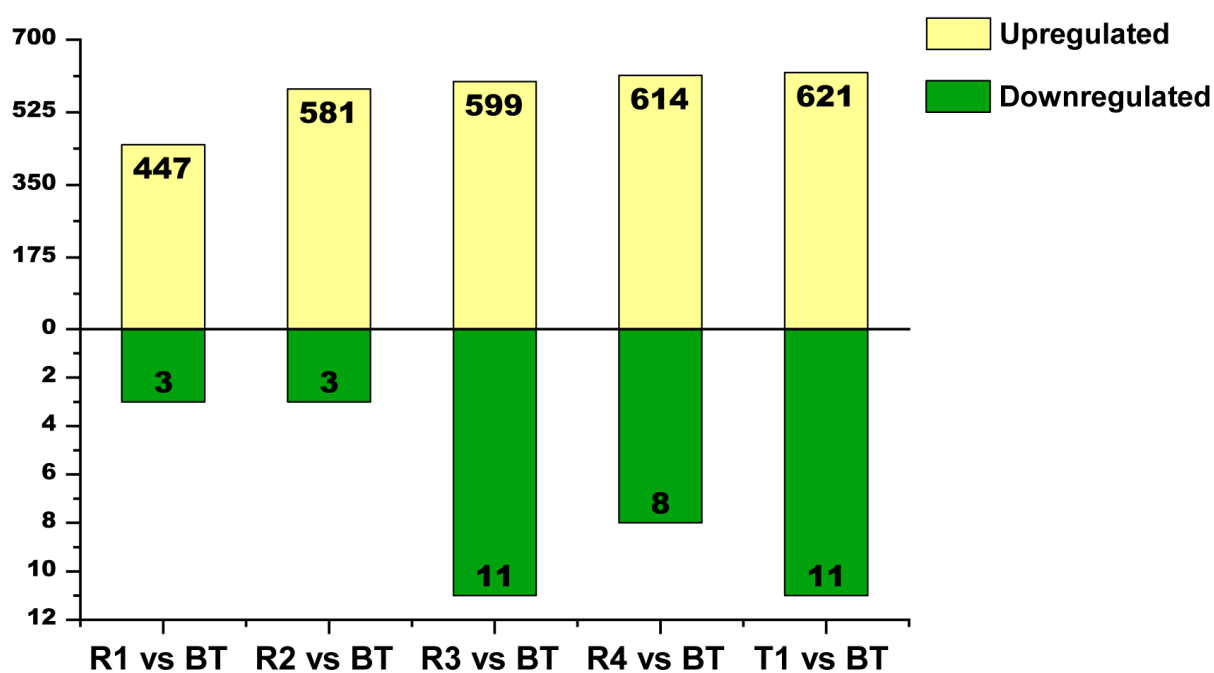


Figure S6. Number of differential metabolites of each pairwise comparison of base tea and jasmine tea samples. BT: base tea; R1: jasmine tea with one round of scenting process; R2: jasmine tea with two rounds of scenting processes; R3: jasmine tea with three rounds of scenting processes; R4: jasmine tea with four rounds of scenting processes; T1: jasmine tea with four rounds of scenting processes and Tihua process.

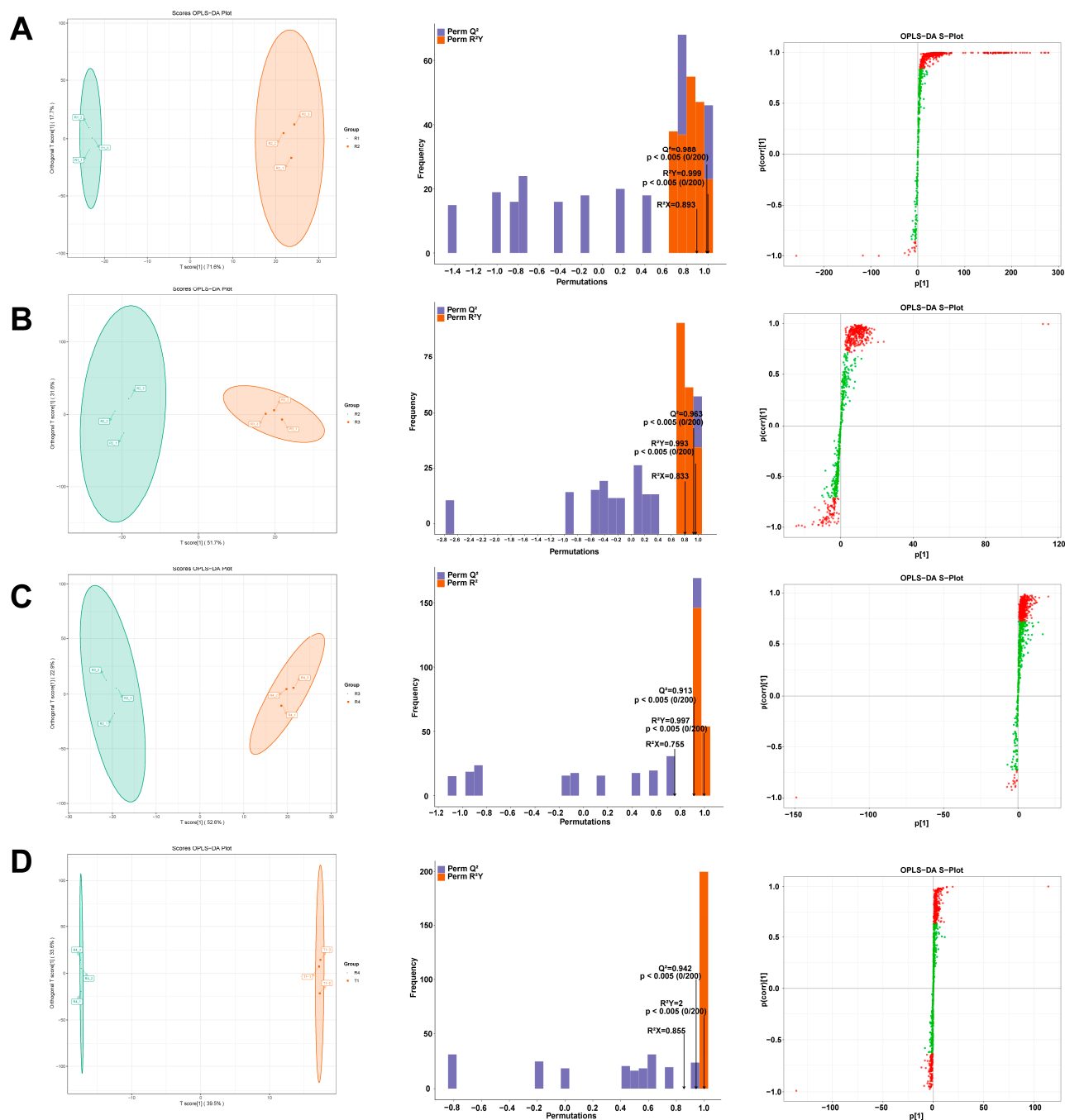


Figure S7. OPLS-DA score plots (left), permutation tests (middle), and S-plots of each pairwise comparison between the jasmine tea samples with different rounds of scenting processes. The compared combinations were R1 *vs.* R2 (A); R2 *vs.* R3 (B); R3 *vs.* R4 (C); and R4 *vs.* T1 (D). BT: base tea; R1: jasmine tea with one round of scenting process; R2: jasmine tea with two rounds of scenting processes; R3: jasmine tea with three rounds of scenting processes; R4: jasmine tea with four rounds of scenting processes; T1: jasmine tea with four rounds of scenting processes and Tihua process

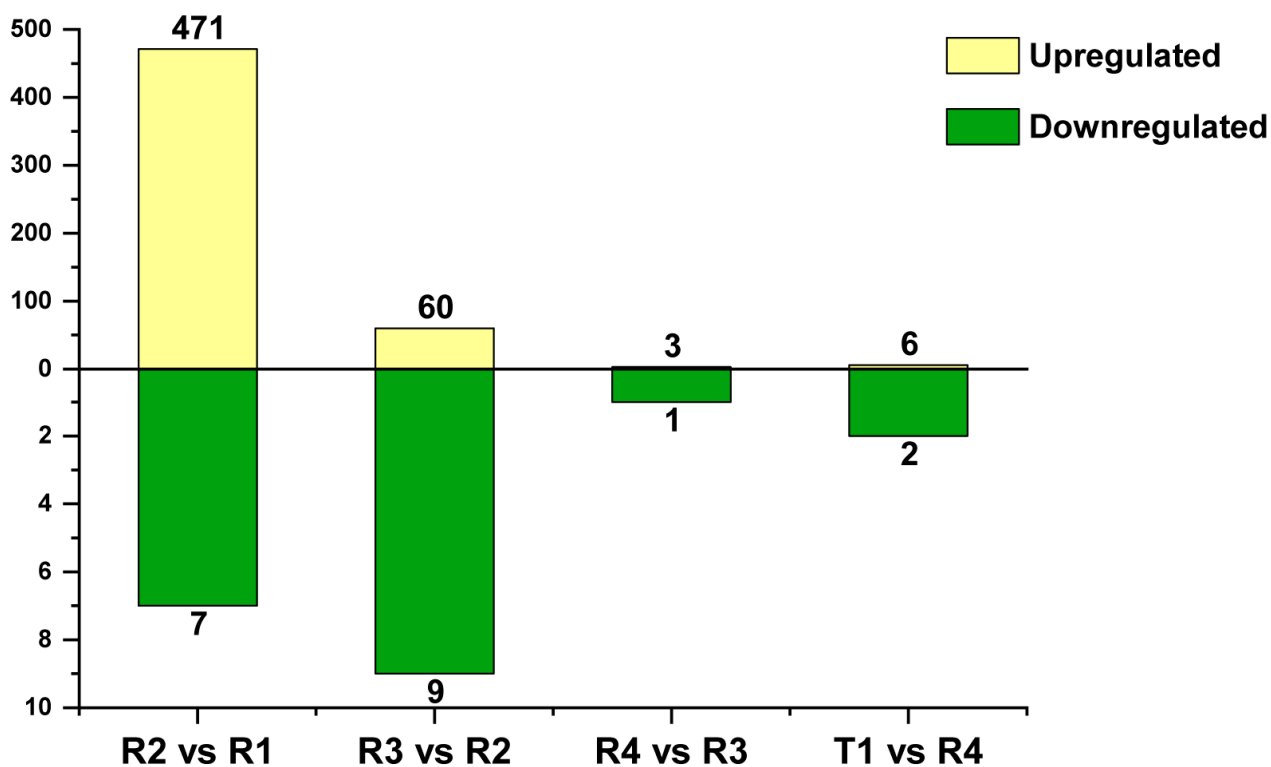


Figure S8. Number of differential metabolites of each pairwise comparison of jasmine tea during consecutive scenting. R1: jasmine tea with one round of scenting process; R2: jasmine tea with two rounds of scenting processes; R3: jasmine tea with three rounds of scenting processes; R4: jasmine tea with four rounds of scenting processes; T1: jasmine tea with four rounds of scenting processes and Tihua process.