

Supporting Information

Figure 1: CF intake alleviate CUMS-induced weight loss and depressive-like behaviors.

(A) Body weight on week0. (B) Body weight on week8. (C) Body weight on week12.

(D) SPT on week0. (E) OFT on week8. Data represent the mean \pm SEM of ten mice in

each group. $**P < 0.01$ versus the control group; $\#P < 0.05$, $\#\#P < 0.01$ versus the CUMS group.

Figure 2: Spearman's correlation between the significantly altered intestinal microbiota and significantly altered metabolites in the colonic content samples (Negative mode).

$*P < 0.05$, $**P < 0.01$, $***P < 0.001$.

Figure 3: Spearman's correlation between the significantly altered intestinal microbiota and significantly altered metabolites in the colonic content samples (Positive mode).

$*P < 0.05$, $**P < 0.01$, $***P < 0.001$.

Figure 1

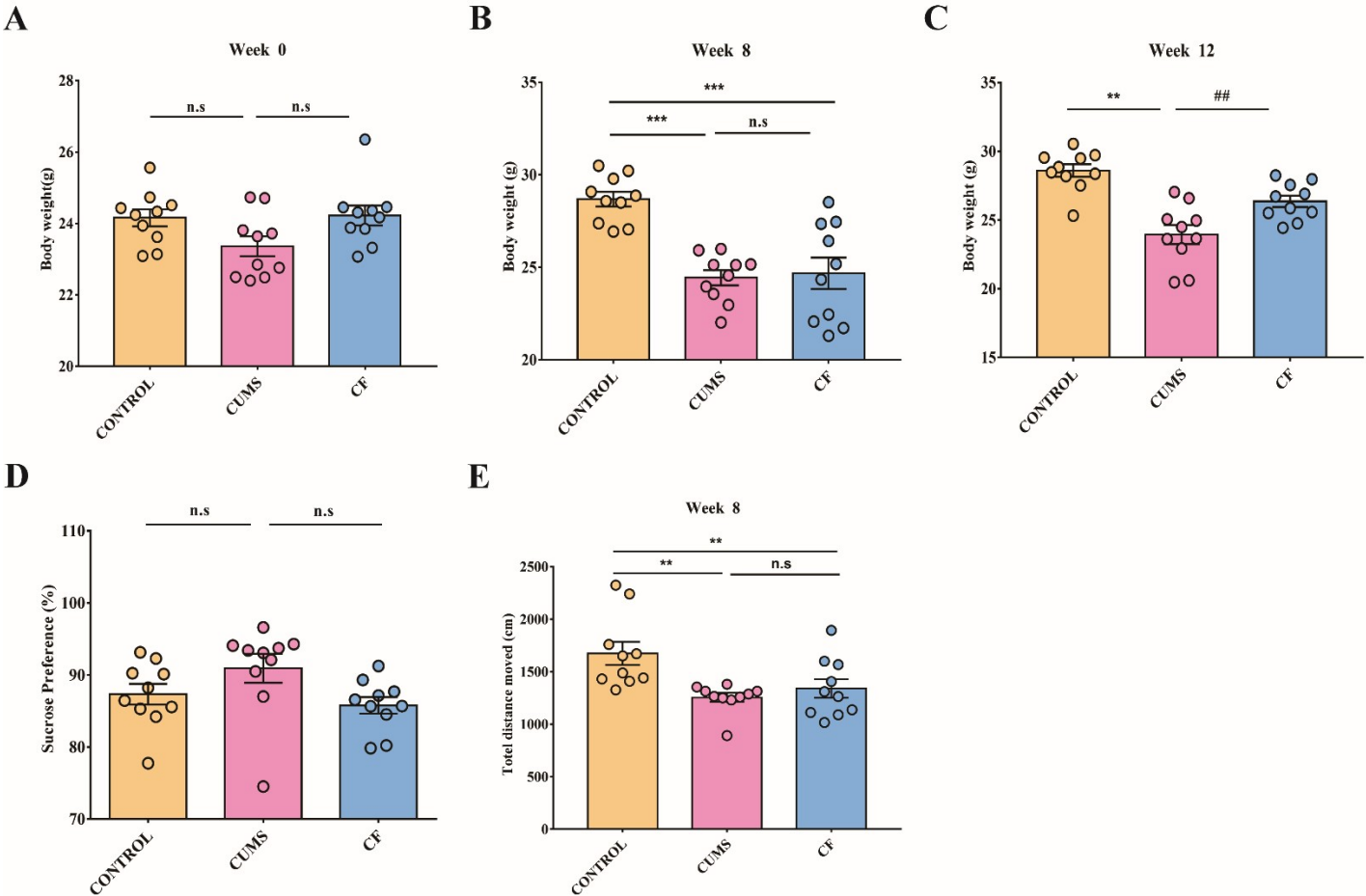


Figure 2

