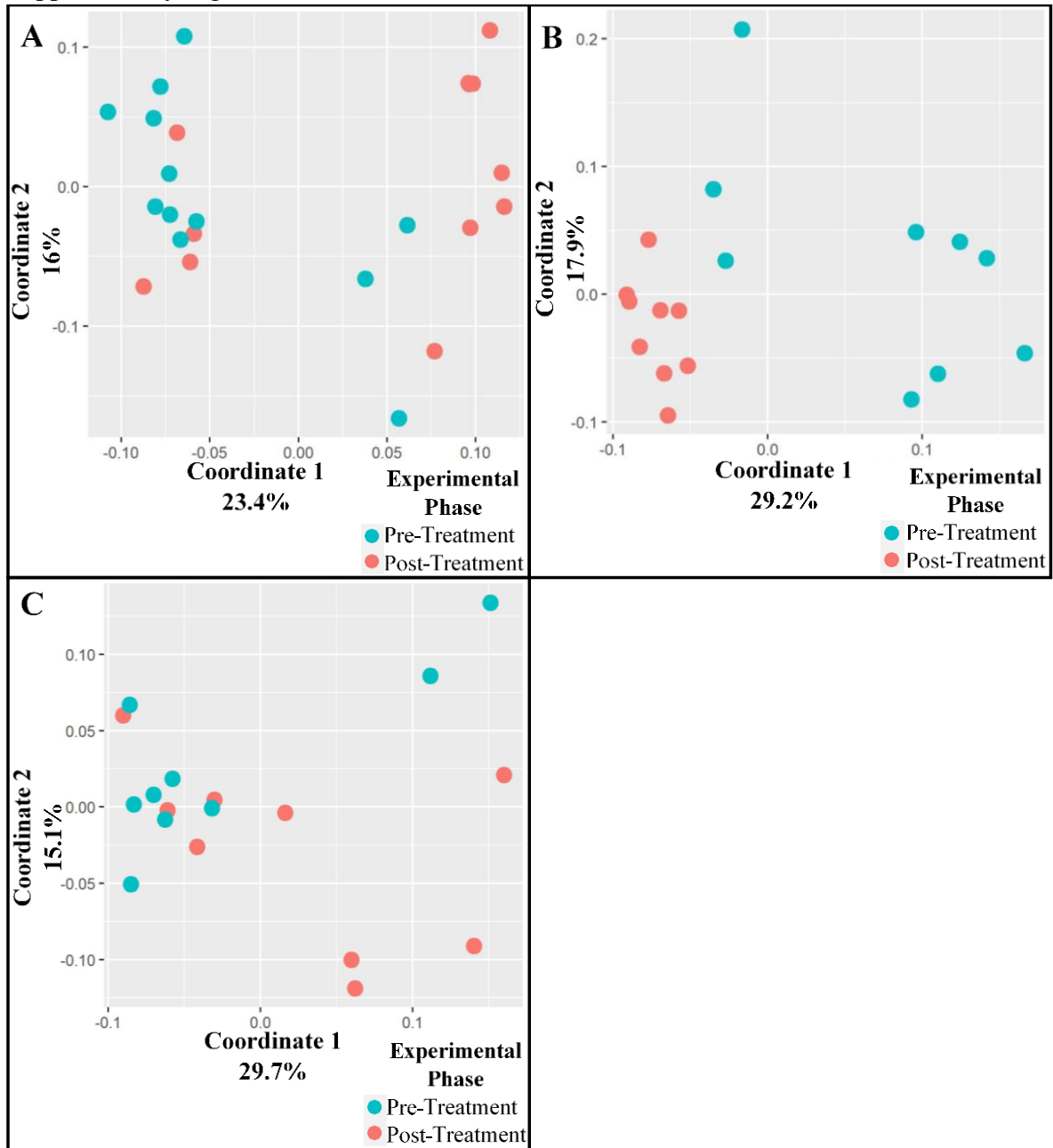


Supplementary Figure S1.



Supplementary Figure S1. **Pre and post treatment effect.** n; each point represents the microbiota composition of a single cage. **A:** Samples from the corticosterone treated-group only; pre-treatment (green) vs post-treatment (red) ANOSIM, $P=0.003$, $R=0.23$. **B:** Samples from the oxytocin treated-group only; pre-treatment (green) vs post-treatment (red) ANOSIM, $P=0.001$, $R=0.54$. **C:** Samples from the citalopram treated-group only; pre-treatment (green) vs post-treatment (red) ANOSIM, $P=0.1$, $R=0.07$.