

Fig. S1. Liver function at 3 days after PHx among the Control, Sham, PHx, AR113+PHx and PHx+AR113 groups. *p<0.05, **p<0.01, ***p<0.001, ns=not significant as determined by t-test.

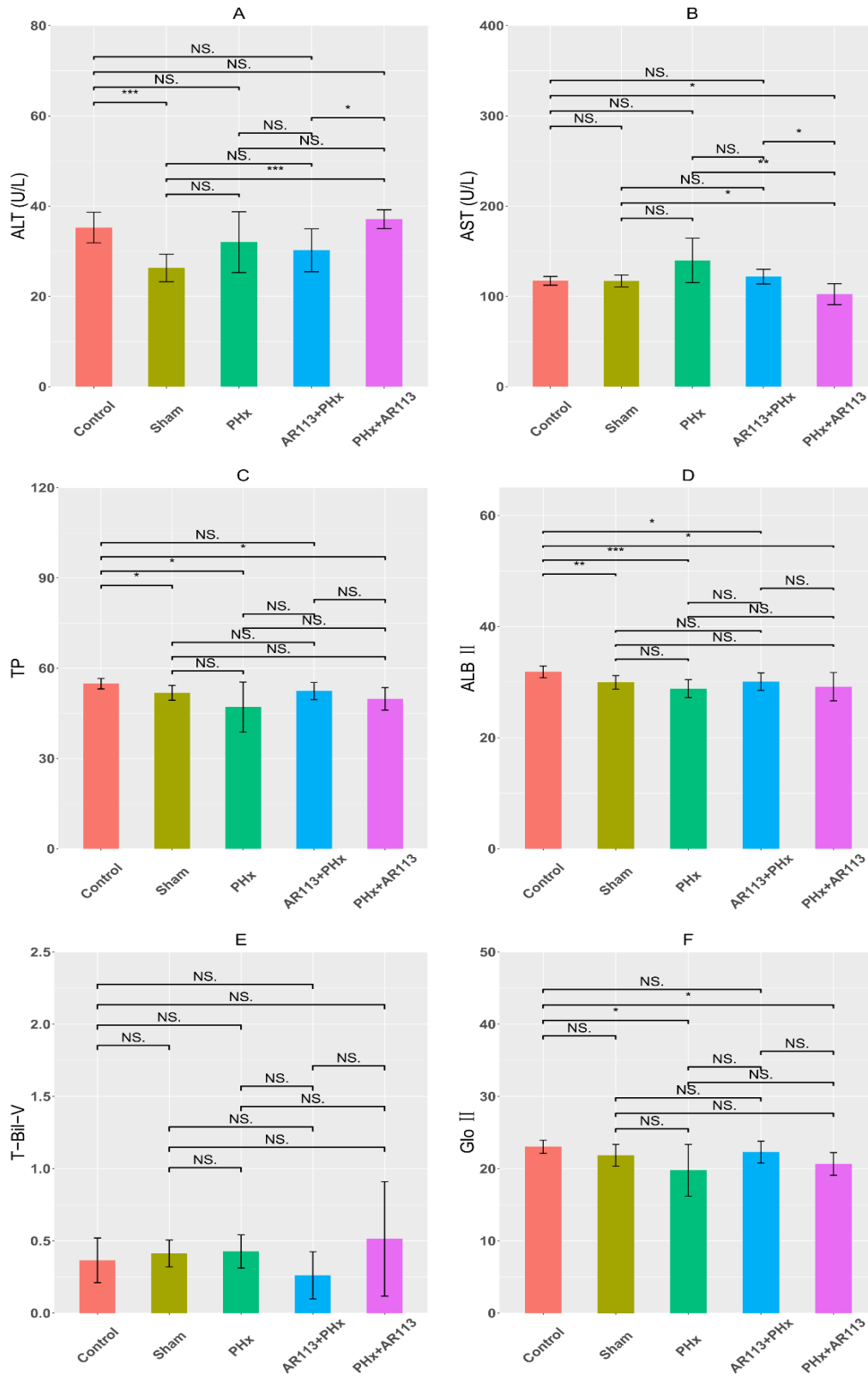


Fig. S2. Liver function at the 7 days after PHx among the Control, Sham, PHx, AR113+PHx and PHx+AR113 groups. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, ns=not significant as determined by t-test.

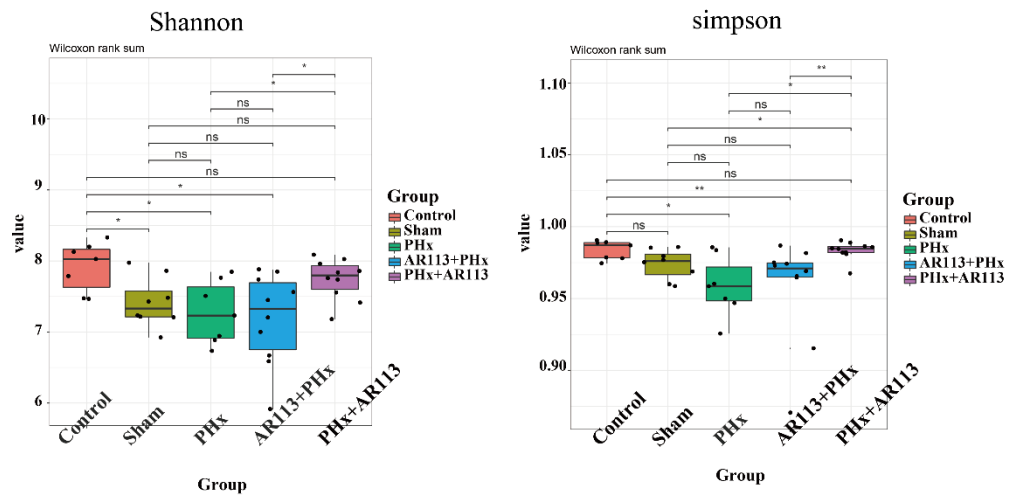


Fig. S3. Comparison of microbial alpha diversity at 3 days after PHx among the control, Sham, PHx, AR113+PHx and PHx+AR113 groups. (A) Shannon index of Diversity; (B) Simpson index of Diversity. * $p < 0.05$, ** $p < 0.01$, ns=not significant as determined by t-test.

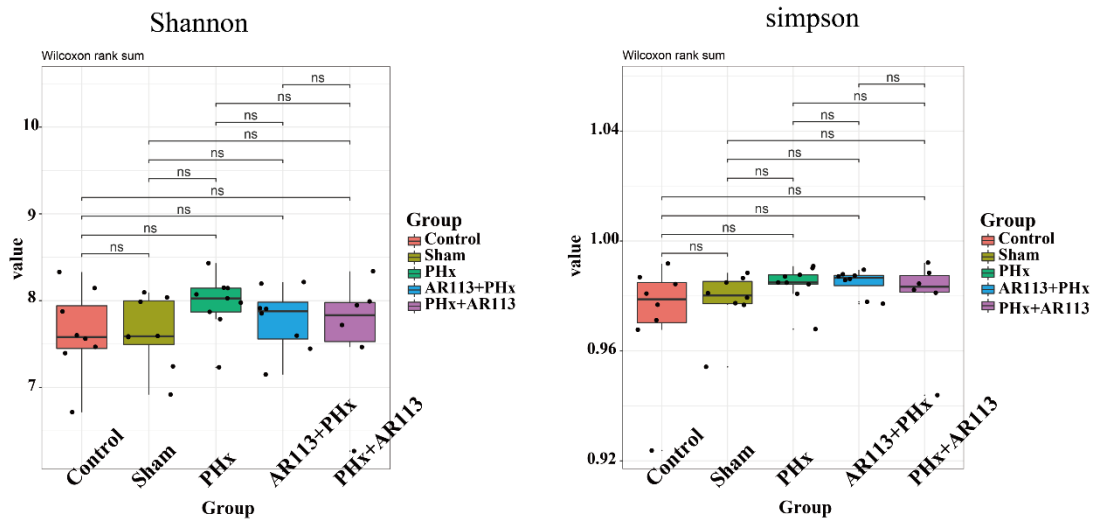


Fig. S4. Comparison of microbial alpha diversity at 7 days after PHx among the control, Sham, PHx, AR113+PHx and PHx+AR113 groups. (A) Shannon index of Diversity; (B) Simpson index of Diversity. ns=not significant as determined by t-test.

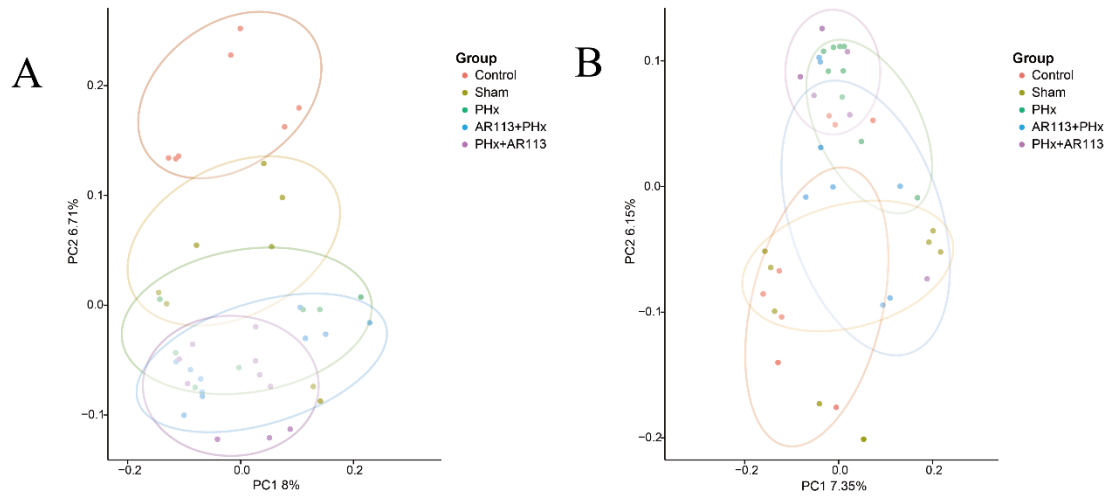


Fig. S5. Principal Coordinates Analysis (PCoA) plot of taxon abundance based on weighted unifracs distance. (A) 3 days after PHx. (B) 7 days after PHx.