

**Fig. S5.** Relationships between biotic and abiotic factors and the denitrification rates and N<sub>2</sub>O emission rates after incubation. DNF is the potential denitrification rate. DNF is the potential denitrification rate. \* represents p < 0.05; \*\* represents p < 0.01; \*\*\* represents p < 0.001.