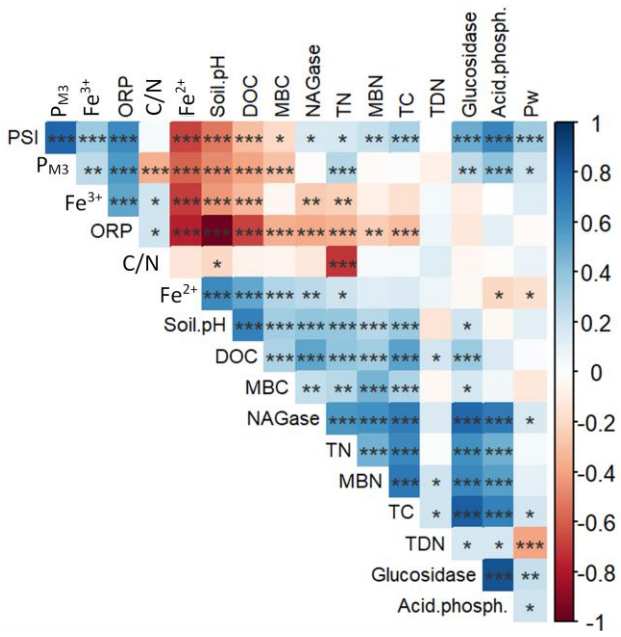


Figure S1. Correlation between soil microbial biomass carbon and nitrogen (MBC and MBN), enzyme activities (N–acetyl–β–glucosaminidase (NAGase); β–glucosidase (Glucosidase); Acid phosphomonoesterase (Acid.phosph.)), dissolved organic carbon (DOC), total dissolved nitrogen (TDN), and other variables (the analysis methods were published in Rupngam et al. (2023b)) such as available P (water-extractable P (Pw); Mehlich–3 extractable P (P_{M3})), concentration of Fe^{3+}, concentration of Fe^{2+}, soil pH, oxydo-reduction potential (ORP), carbon to nitrogen ratio (C/N), total carbon (TC), total nitrogen (TN), and phosphorus saturation index (PSI). Significant codes: '***' = $p < 0.001$, '**' = $0.001 < p < 0.01$, '*' = $0.01 < p < 0.05$. The colors and their intensity represent the correlation coefficient: blue indicate the positive correlation and red indicate the negative correlation.