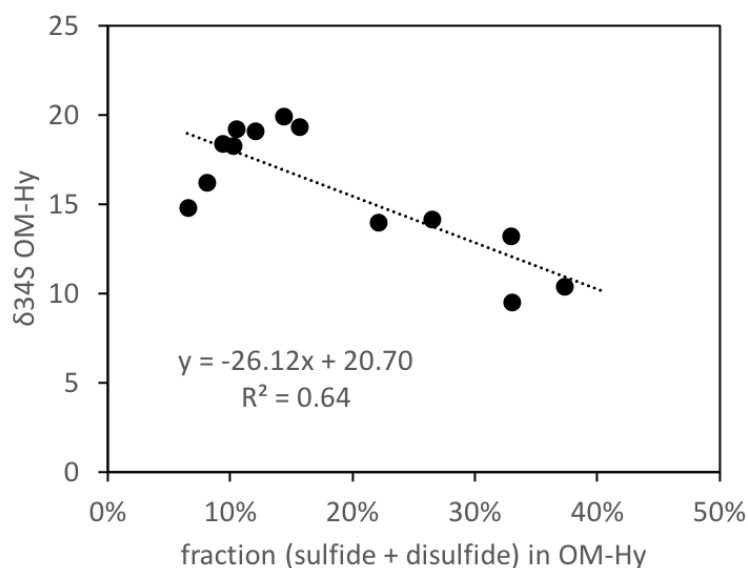


Supplementary Information

Chemical and isotopic evidence for organic matter sulfurization in redox gradients around mangrove roots



Supplementary Figure 1. Relationship between the relative abundance of (di)sulfides in hydrolyzable OM (OM_{Hy}) and the S-isotope composition of this pool. Linear regression shows a moderately strong correlation ($R=0.64$) between these data, indicating a potential mixing relationship between oxidized forms of OS_{Hy} with a $\delta^{34}\text{S}$ value near 20.7‰ and (di)sulfides with a more ^{34}S -depleted composition.