



Supplement of

Dynamics of CO₂ and CH₄ fluxes in Red Sea mangrove soils

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Figure S1: Heat map of Spearman correlation coefficient matrix and respective p-values for soil, environmental, and temporal factors with greenhouse gas fluxes and stable isotope signatures. Water (mL) = mL of water in the core during incubation, C_{org}-3cm = Organic carbon in the top 3 cm of soil, C_{inorg}-3cm = Inorganic carbon in the top 3 cm of soil, C_{org}-10cm = Organic carbon in the top 10 cm of soil, C_{inorg}-10cm = Inorganic carbon in the top 3 cm of soil, BD-3cm = Bulk density of soil in the top 3 cm of soil, BD-10cm = Bulk density of soil in the top 10 cm of soil, WC-3cm = Water content in the top 3 cm of soil, WC-10cm = Water content in the top 10 cm of soil, EC 1:5 = Electrical conductivity.

