

Supplementary Material (SM)

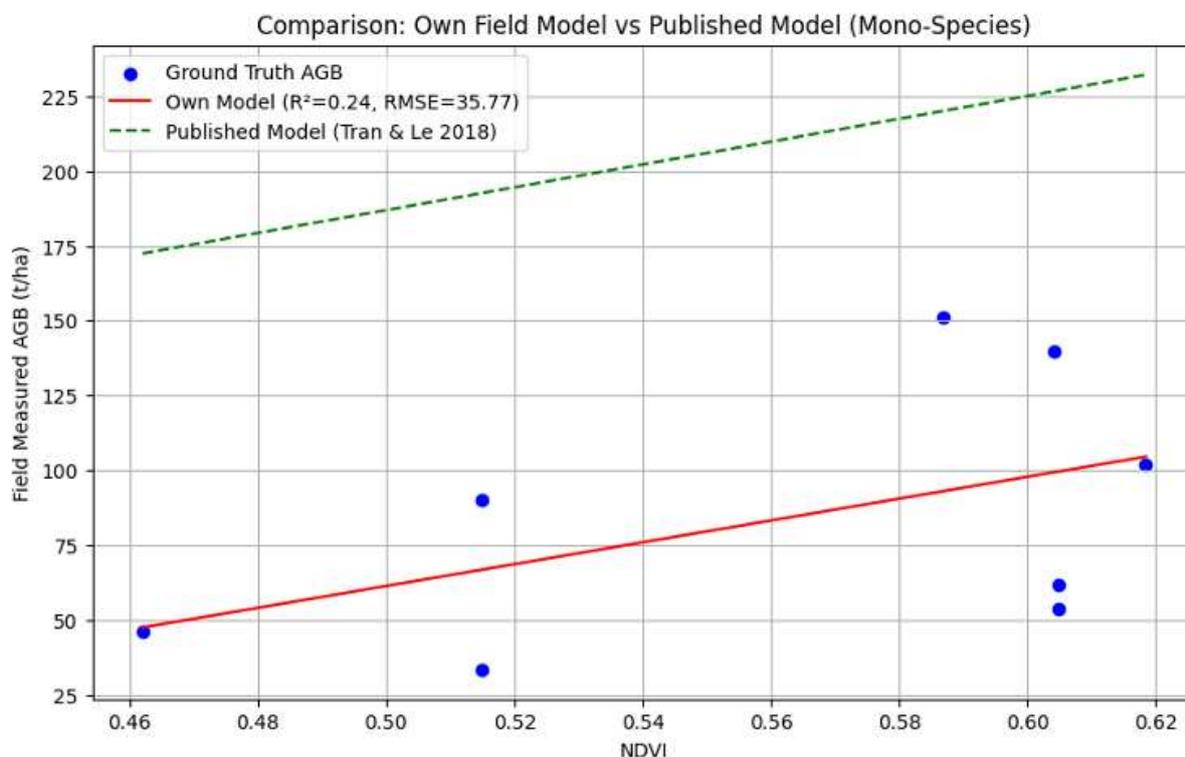
Blue carbon stock assessment and climate resilience potential of mangrove forest in Hung Thang commune, Vietnam

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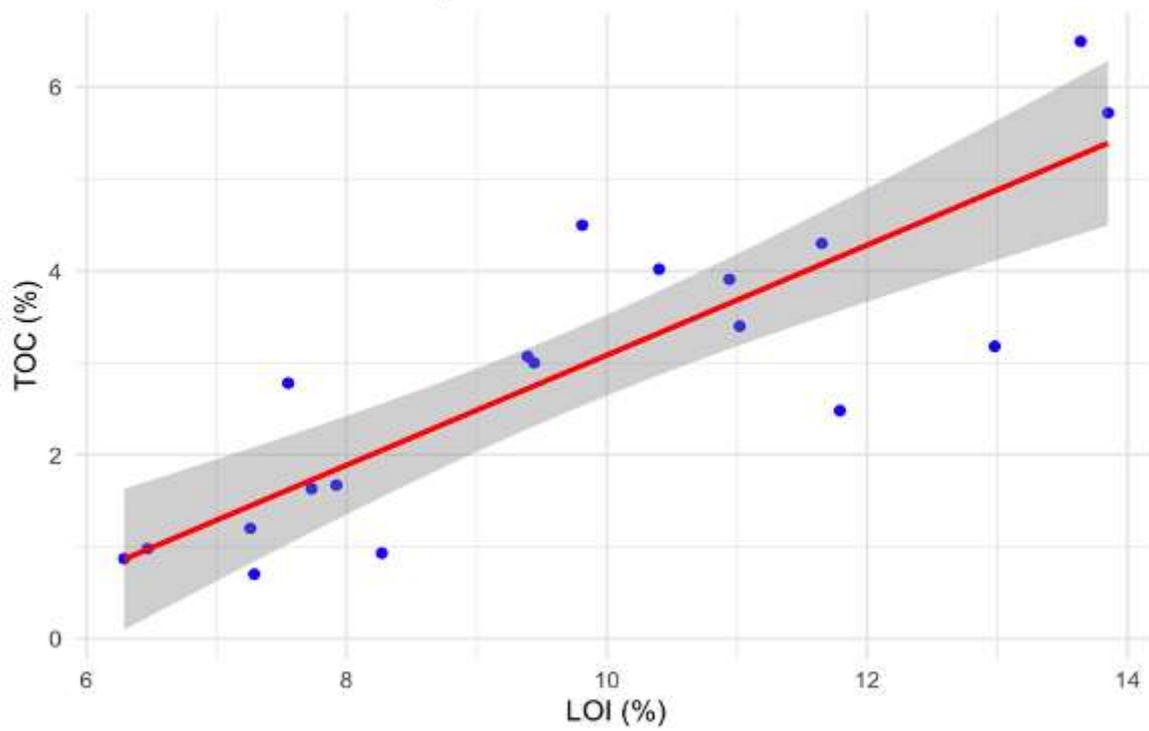
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Supplementary Figure 1 Comparison of the own field model vs published model (mono-species) (Comparison between the own field-derived regression model and the published model (Tran et al., 2018) for estimating aboveground biomass (AGB) based on the NDVI in mono-Species (*Sonneratia caseolaris*) plots).

Linear Regression LOI(%) & TOC(%)

$$\text{TOC} = 0.599 \times \text{LOI} - 2.9049 \quad | \quad R^2 = 0.7285$$



Supplementary Figure 2 A linear regression model where total organic carbon (TOC) is predicted via loss on ignition (LOI).

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Supplementary Material 3

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