

Figure S1. Predicted versus observed values for FRB and k derived from the random forest models. Panels (a) and (b) represent the validation results for woody vegetation, while panels (c) and (d) represent those for herbaceous vegetation. The red solid line indicates the linear regression fit, and the grey dashed line represents the 1:1 relationship. Point colors indicate sample density, with warmer colors representing higher densities of samples.

