remote sensing

Supplementary material S1:

Height 30 m:

$$Linear - linear: \ \widehat{FM} = 1140.23 + 0.08349 \times V30; \ r^2 = 0.65$$
$$Log - linear: \ \widehat{\log(FM)} = 7.0236 + 0.000033 \times V30; \ r^2 = 0.50$$
$$Linear - log: \ \widehat{FM} = -11620.1 + 1517 \times \log(V30); \ r^2 = 0.63$$
$$Log - log: \ \widehat{\log(FM)} = 1.267 + 0.674 \times \log(V30); \ r^2 = 0.61$$

Height 40 m:

$$Linear - linear: \ \widehat{FM} = 1014.94 + 0.0537 \times V40; \ r^2 = 0.58$$
$$Log - linear: \ \widehat{\log(FM)} = 7.0102 + 0.00002 \times V40; \ r^2 = 0.41$$
$$Linear - log: \ \widehat{FM} = -20833 + 2310 \times \log(V40); \ r^2 = 0.63$$
$$Log - log: \ \widehat{\log(FM)} = -2.335 + 0.9786 \times \log(V40); \ r^2 = 0.55$$

Height 50 m:

$$Linear - linear: \ \widehat{FM} = 1296.9 + 0.0674 \times V50; \ r^2 = 0.51$$
$$Log - linear: \ \widehat{\log(FM)} = 7.0647 + 0.000027 \times V50; \ r^2 = 0.50$$
$$Linear - log: \ \widehat{FM} = -8471 + 1191 \times \log(V50); \ r^2 = 0.59$$
$$Log - log: \ \widehat{\log(FM)} = 2.3865 + 0.558 \times \log(V60); \ r^2 = 0.63$$