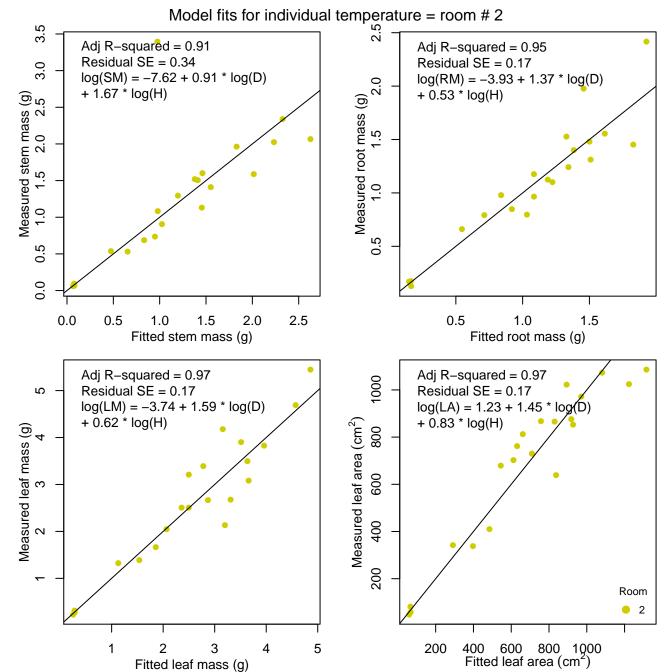


Model residuals for individual temperature = room # 1 Residual stem mass (g) -0.4 -0.2 0.0 0.2 Residual stem mass (g) -0.4 -0.2 0.0 0.2 000 0 0 0 0 0 0.4 0.6 0.3 Fitted stem mass (g) 1.0 0.0 0.2 8.0 norm quantiles Residual root mass (g) .0 0.0 0.5 1.0 Residual stem mass (g) 1.0 0.0 0.5 1.0 0 0 0 o o -1.0 0.2 0 norm quantiles 0.4 0.6 0.8 1.0 1.2 -2 -1 2 Fitted root mass (g) 0 Residual leaf mass (g) Residual leaf mass (g) 0 0 0 0 0 00 ° 0 0 0 9.0-.0 1.5 2 Fitted leaf mass (g) 0.5 2.5 0 norm quantiles 1.0 2.0 2 Residual leaf area (mm^2) Residual leaf area (cm^2) 0 0 0 0 0.0 0 0.0 -0.2 -0.2 ၀ Room 300 400 500 Fitted leaf area (cm²) 100 200 600 700 -2 0 2



Model residuals for individual temperature = room # 2 Residual stem mass (g) Residual stem mass (g) 0.5 2.5 0.0 1.5 2.0 1.0 0 2 Fitted stem mass (g) norm quantiles Residual root mass (g) -0.3 -0.1 0.1 0.3 Residual stem mass (g) 3.3 -0.1 0.1 0.3 0 1.0 Fitted root mass (g) 0.5 1.5 0 norm quantiles 2 Residual leaf mass (g) 0.4 -0.2 0.0 0.2 Residual leaf mass (g) 0.4 -0.2 0.0 0.2 0 0 0 0 -0.4 -0.4 2 3 Fitted leaf mass (g) 0 norm quantiles 4 5 2 00 Residual leaf area (mm^2) Residual leaf area (cm²) 00 Room 0 600 800 Fitted leaf area (cm²) 200 400 1000 1200 -2 0 2

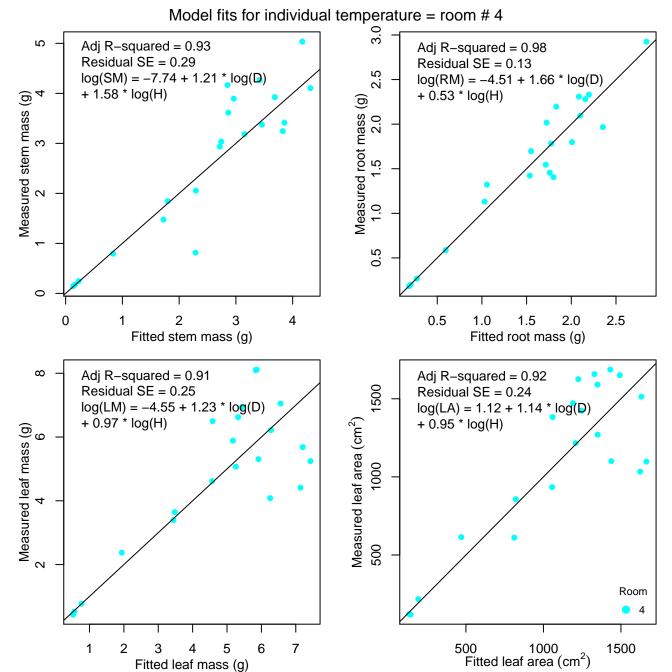
3.0 3.5 Adj R-squared = 0.98 Adj R-squared = 0.92 Residual SE = 0.17 Residual SE = 0.22log(SM) = -6.83 + 1.39 * log(D)Measured stem mass (g) log(RM) = -4.2 + 1.2 * log(D)+ 1.3 * log(H)+ 0.67 * log(H)Measured root mass (g) ιö. 0.5 0.5 0.0 0.5 0.0 0.5 1.0 1.5 2.0 2.5 3.0 1.0 1.5 2.0 Fitted stem mass (g) Fitted root mass (g) Adj R-squared = 0.95 Adj R-squared = 0.96 Residual SE = 0.2Residual SE = 0.18 9 log(LM) = -3.16 + 1.67 * log(D)log(LA) = 2.23 + 1.41 * log(D)1200 + 0.47 * log(H) ${\it Measured leaf area} \, ({\it cm}^2)$ + 0.58 * log(H) Measured leaf mass (g) 800 009 400 200 Room 3 2 200 400 600 1200 3 5 6 800 1

Fitted leaf mass (g)

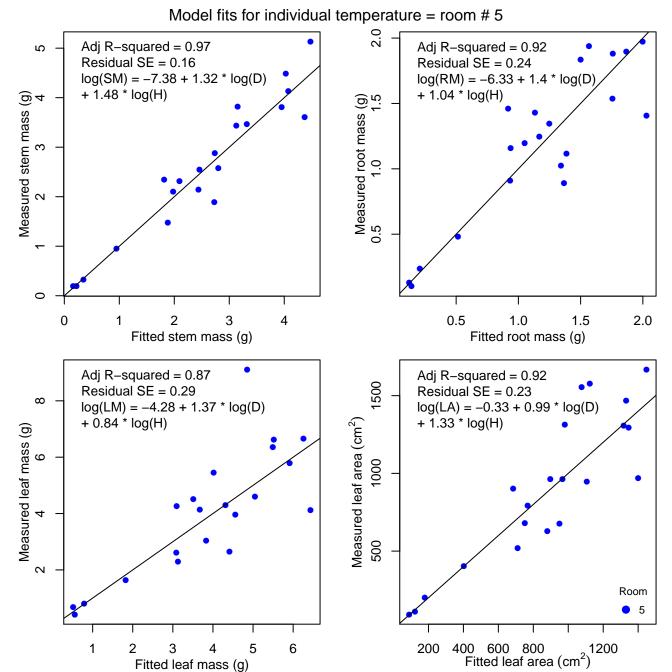
Fitted leaf area (cm²)

Model fits for individual temperature = room # 3

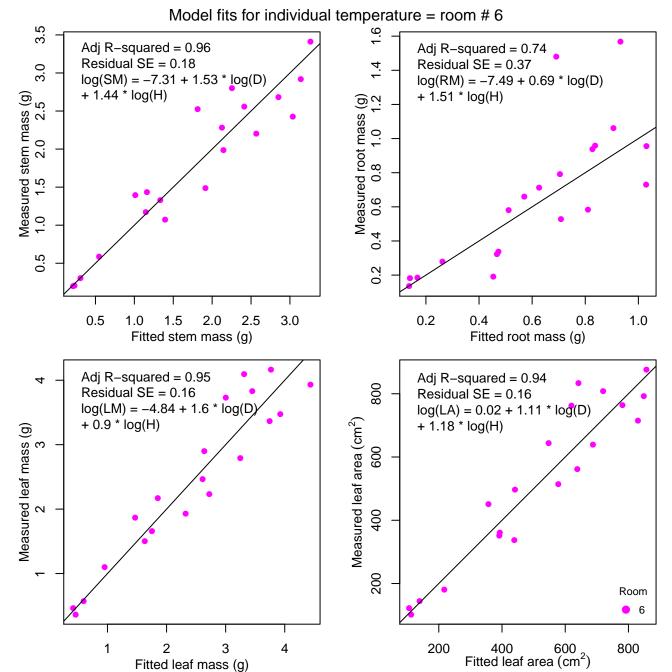
Model residuals for individual temperature = room # 3 Residual stem mass (g) -0.2 0.2 0.4 Residual stem mass (g) -0.2 0.4 0 0 0 0 8 000 o o o) 1.5 2.0 Fitted stem mass (g) 0.5 3.0 0.0 1.0 2.5 0 2 norm quantiles Residual root mass (g) 0.4 0.0 0.2 0.4 Residual stem mass (g) 0.4 0.0 0.2 0.4 ō o 0 0 00 0 o 1.0 1.5 Fitted root mass (g) 0.5 2.0 0 norm quantiles -2 -1 2 Residual leaf mass (g) -0.2 0.0 0.2 0.4 Residual leaf mass (g) -0.2 0.0 0.2 0.4 o o 0 0 Ф 08 0 o o 3 4 Fitted leaf mass (g) 0 norm quantiles 2 1 5 2 Residual leaf area (mm^2) 0.4 Residual leaf area (cm²) o o 0 o 0.0 o 0.0 08 0 0 o Room 600 800 1000 Fitted leaf area (cm²) 200 1200 1400 400 2 0



Model residuals for individual temperature = room # 4 Residual stem mass (g) -1.0 -0.6 -0.2 0.2 Residual stem mass (g) 1.0 -0.6 -0.2 0.2 00 -1.0 -1.0 2 3 Fitted stem mass (g) 0 4 norm quantiles Residual root mass (g) -0.2 0.0 0.2 Residual stem mass (g) 0 0 1.5 2. Fitted root mass (g) 0.5 2.5 0 norm quantiles 1.0 2.0 2 0 Residual leaf mass (g) Residual leaf mass (g) ዏ -0.4 2 3 4 5 Fitted leaf mass (g) 1 7 6 0 2 norm quantiles Residual leaf area (mm^2) Residual leaf area (cm²) 0 Room -0.4 -0.4 1000 Fitted leaf area (cm²) 500 1500 2 0



Model residuals for individual temperature = room # 5 Residual stem mass (g) Residual stem mass (g) 0 o° 0 -0.1 0 0 -0.3 0 2 3 Fitted stem mass (g) 0 4 0 norm quantiles 0 Residual stem mass (g) -0.4 0.0 0.4 Residual root mass (g) 0.4 0.0 0.4 0 00 00 0 0 ° 0.5 1.0 Fitted root mass (g) 1.5 2.0 0 norm quantiles -2 -1 2 0 Residual leaf mass (g) Residual leaf mass (g) 0 8 o 0 0 0 0 0 -0.4 3 4 Fitted leaf mass (g) 2 0 norm quantiles 5 6 1 2 Residual leaf area (mm^2) 00 Residual leaf area (cm²) 0 0 0 0 0 0.0 0 Room 0 0 600 800 1000 Fitted leaf area (cm²) 1200 200 400 1400 -2 0 2



Model residuals for individual temperature = room # 6 Residual stem mass (g) Residual stem mass (g) 0 o o 0 0 0 -0.2 -0.2 0 1.5 2.0 Fitted stem mass (g) 0.5 3.0 1.0 2.5 0 norm quantiles Residual stem mass (g) Residual root mass (g) 0.5 o 0 0 0 0 ത 0.0 0.0 0 0.2 1.0 0 norm quantiles 0.4 0.6 8.0 -2 2 Fitted root mass (g) Residual leaf mass (g) -0.2 0.0 0.2 0 0 Residual leaf mass (g) 0.2 0.2 0 0 0 o 00 -0.2 2 3 Fitted leaf mass (g) -2 0 1 norm quantiles Residual leaf area (mm²) Residual leaf area (cm²) 0 0 o o o 0.0 0 8 Room 400 600 Fitted leaf area (cm²) 200 800 -2 0 2