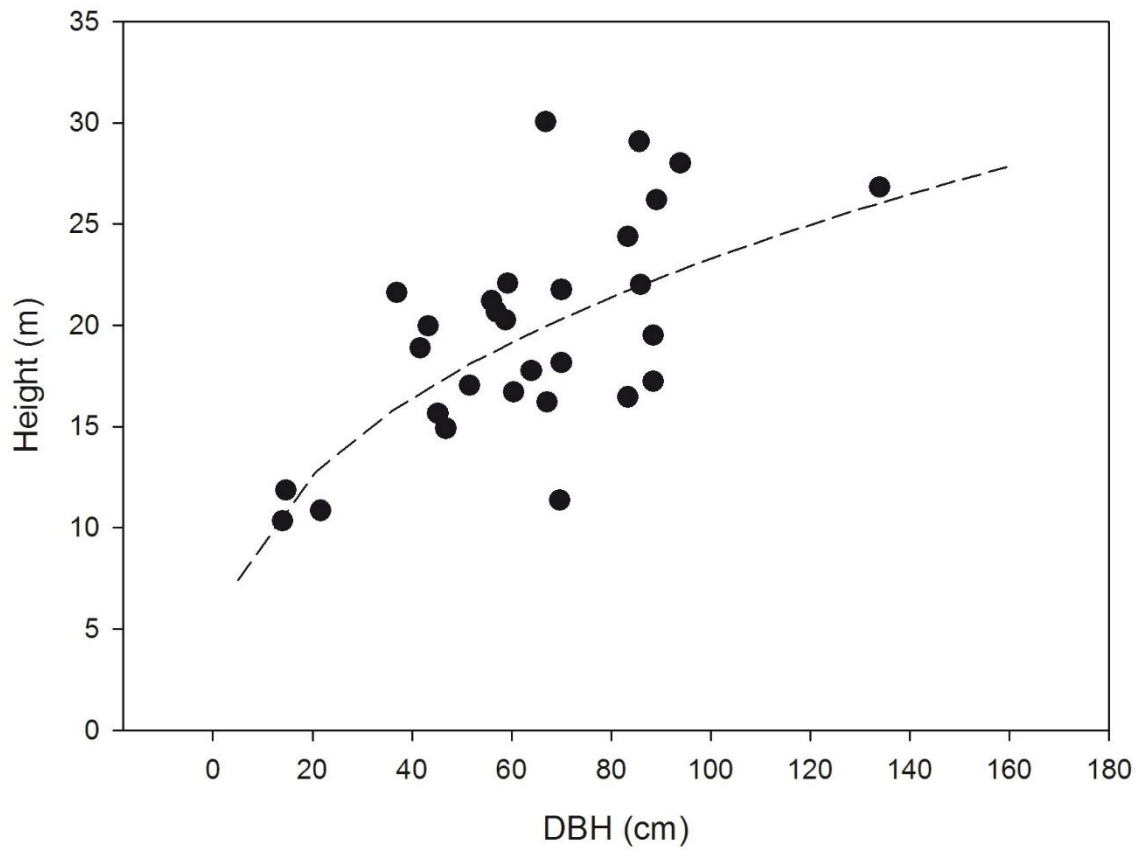


**Fig. S1** - Correlation between LiDAR maximum plot heights (m) and maximum diameter measured at field plots in Poás National Park (Costa Rica).



**Fig. S2** - Fitting local Poás model with TCH-derived basal area (a) resulted in greater deviations than fitting with field measured basal area (b).

