

Figure S1. Linear regressions between *in situ*-measured h and LiDAR- or RGB-derived h (**a**, **b**, respectively), and between LiDAR-derived h and RGB-derived h (**c**) for 345 black pine trees grown in a common garden located in Valsaín (Spain). R-squared and P values are shown.

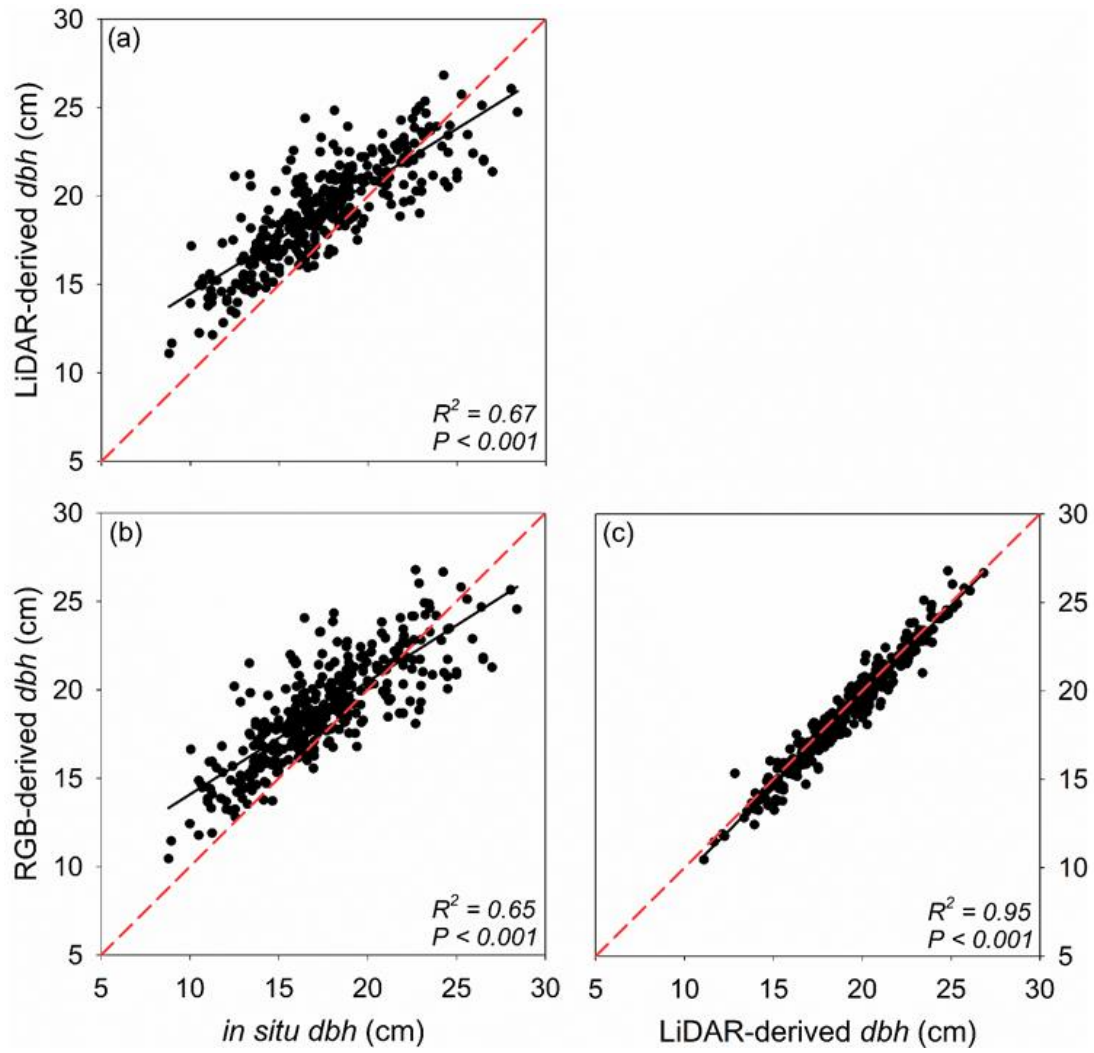


Figure S2. Linear regressions between *in situ* measured dbh and LiDAR- or RGB-derived dbh estimation (a, b, respectively), and between LiDAR-derived dbh and RGB-derived dbh (c) for 345 black pine trees grown in a common garden located in Valsaín (Spain). R-squared and *P* values are shown.

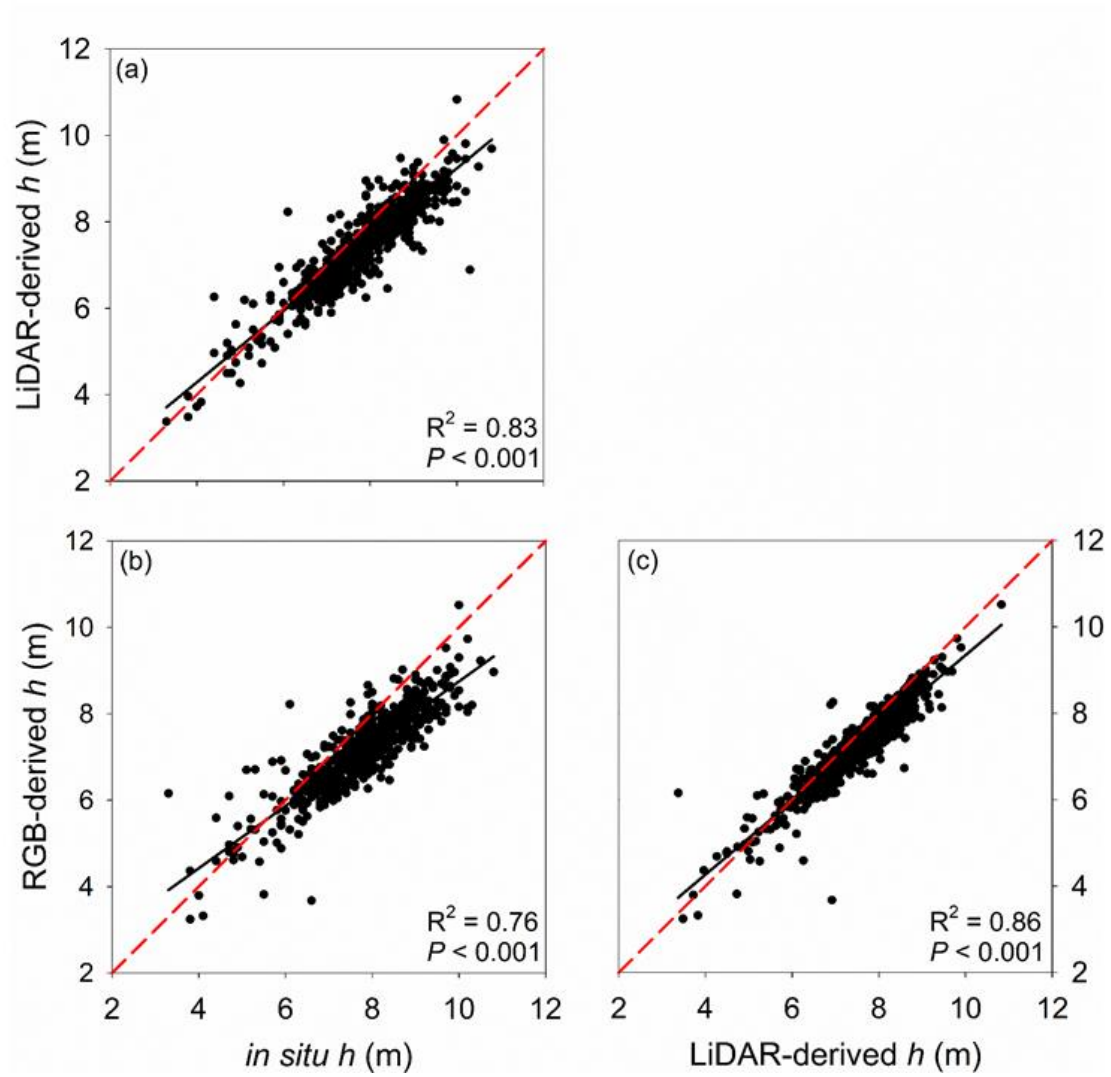


Figure S3. Linear regression between *in situ* measured h and LiDAR- or RGB-derived h (a, b, respectively), and between LiDAR-derived h and RGB-derived h (c) for 583 Aleppo pine trees grown in a common garden located in Valdeolmos (Spain). R-squared and P values are shown.

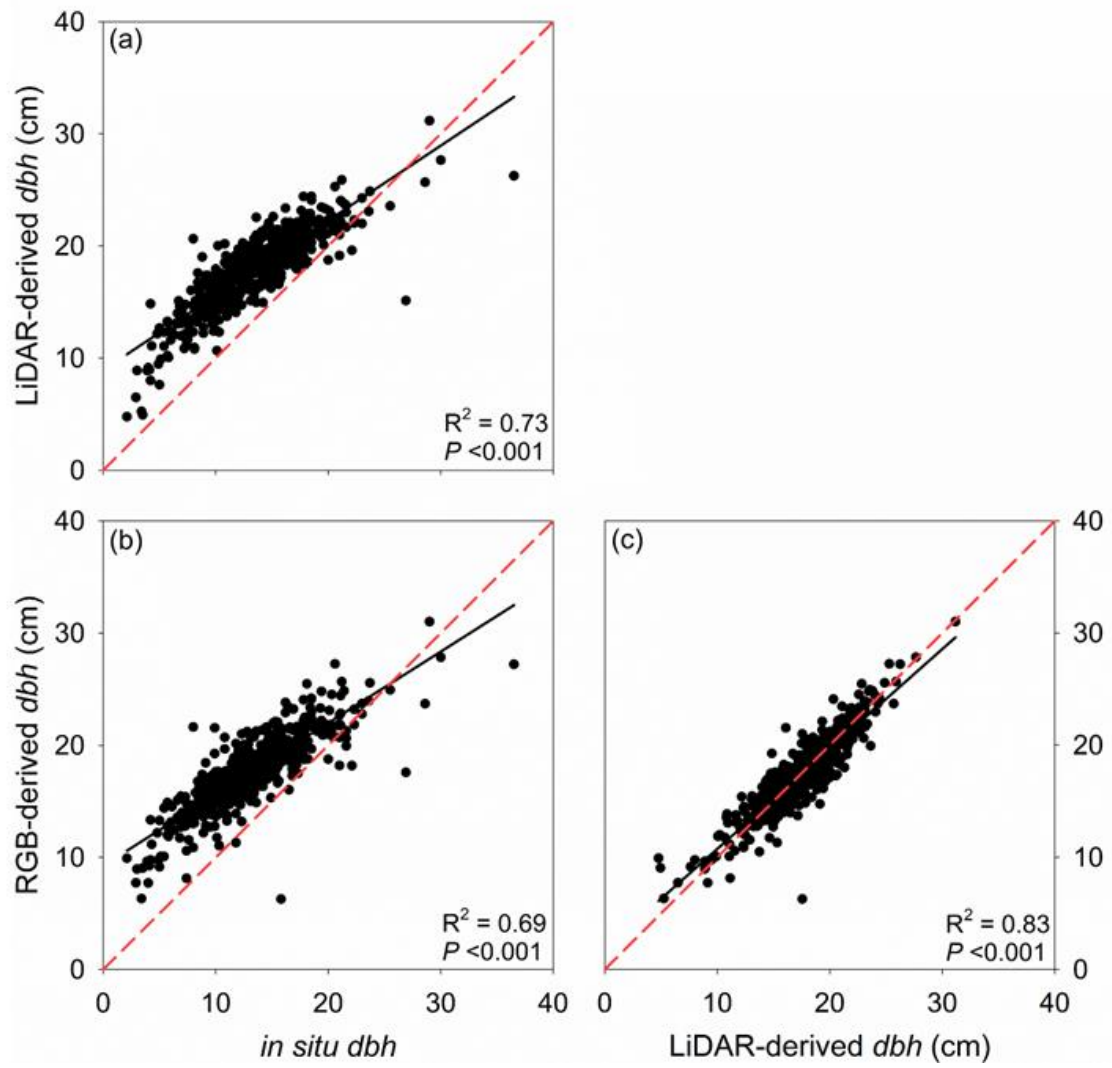


Figure S4. Linear regressions between *in situ* measured dbh and LiDAR- or RGB-derived dbh estimation (a, b, respectively), and between LiDAR-derived dbh and RGB-derived dbh (c) for 583 Aleppo pine trees grown in a common garden located in Valdeolmos (Spain). R-squared and *P* values are shown.