SUPPORTING INFORMATION FOR:

Untangling the link between traits, size and growth rate in plants

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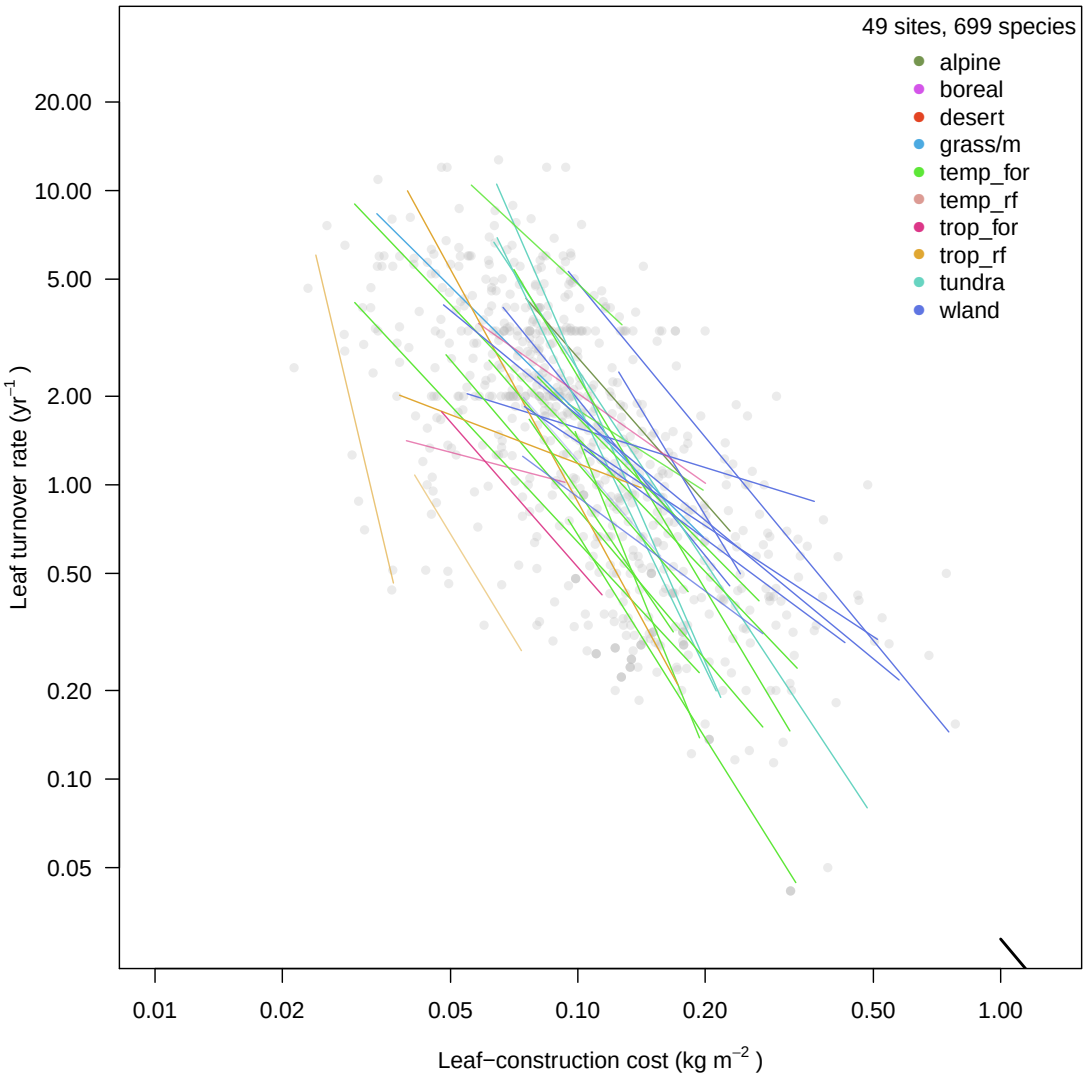

FIGURE S1: **Leaf turnover decreases with leaf-construction cost.** Data from (Wright *et al.*, 2004) for 678 species from 51 sites, each point giving a species-average. Lines show standardised major axis lines fitted to datsa from each site, with intensity of shading adjusted according to strength of the relationship.

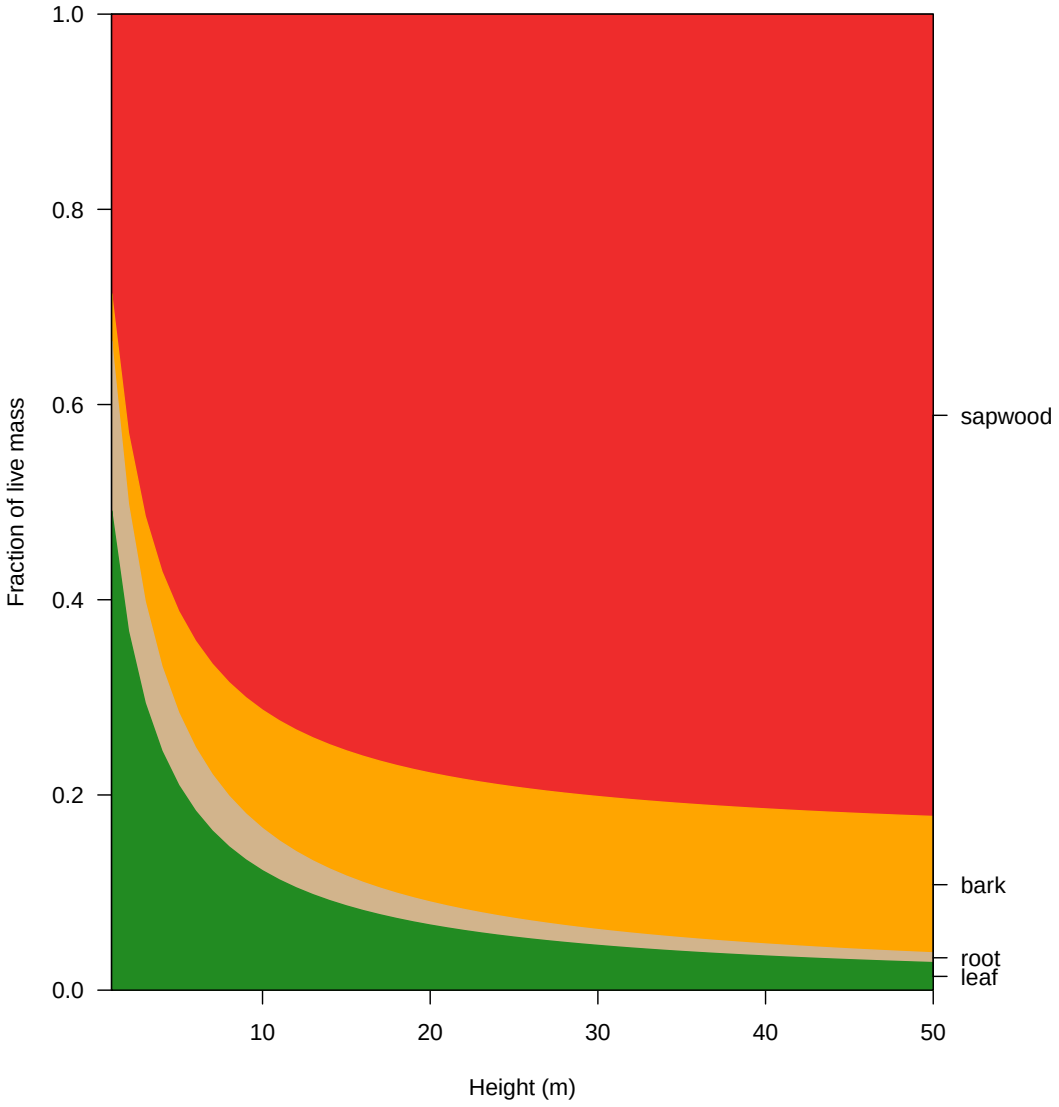

FIGURE S2: **Change in allocation with size.**

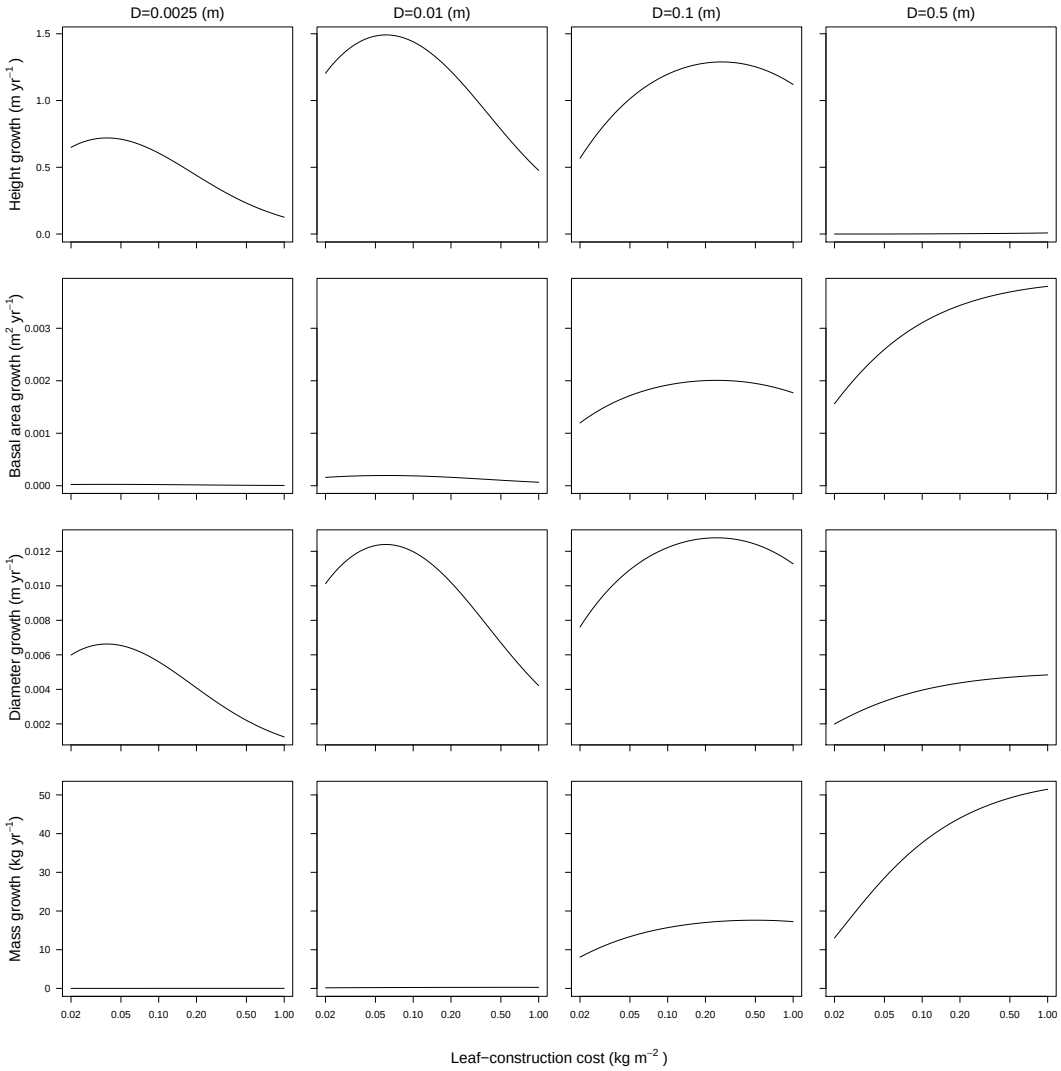

FIGURE S3: **The expected correlation between leaf-construction cost and growth rate changes with plant size.**

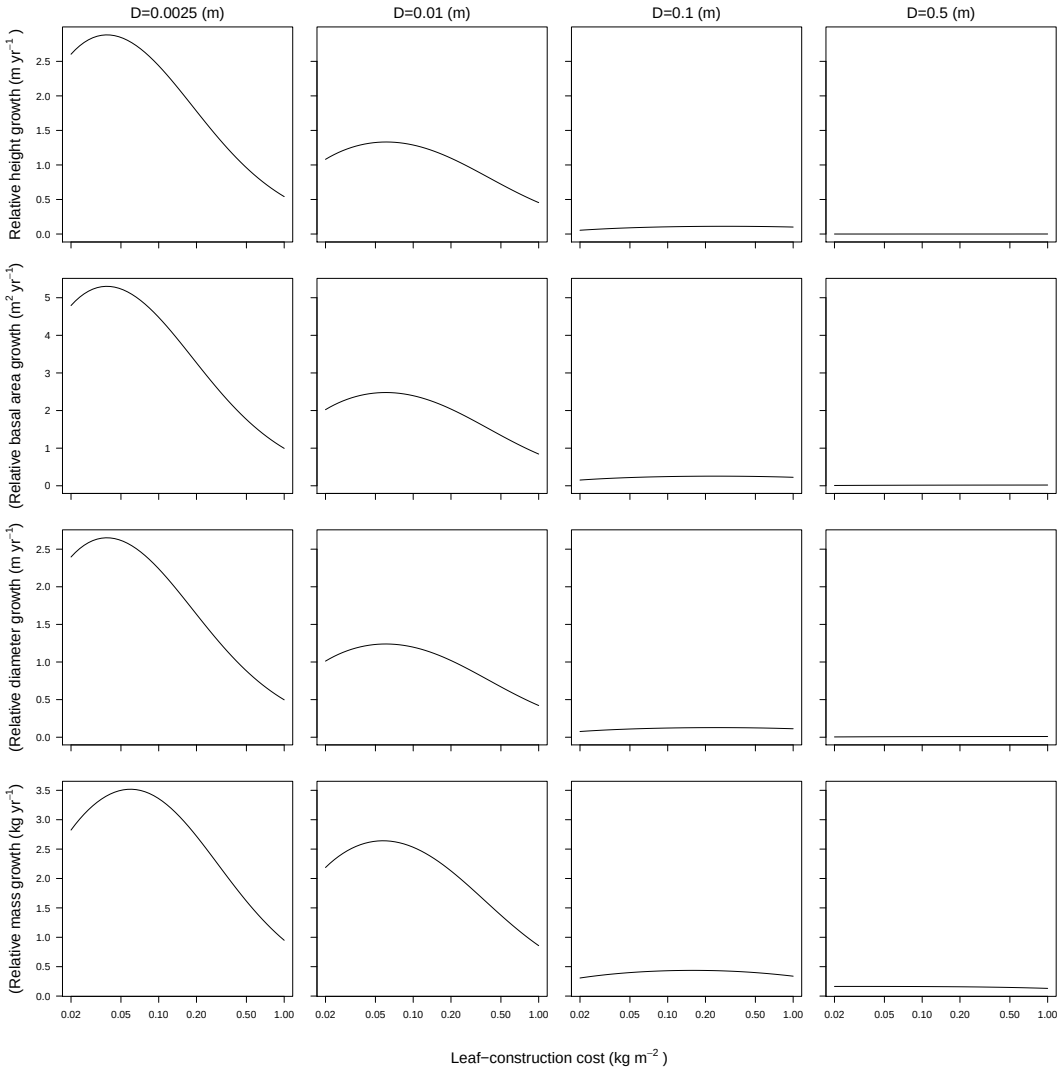

FIGURE S4: **The expected correlation between leaf-construction cost and relative growth rate changes with plant size.**

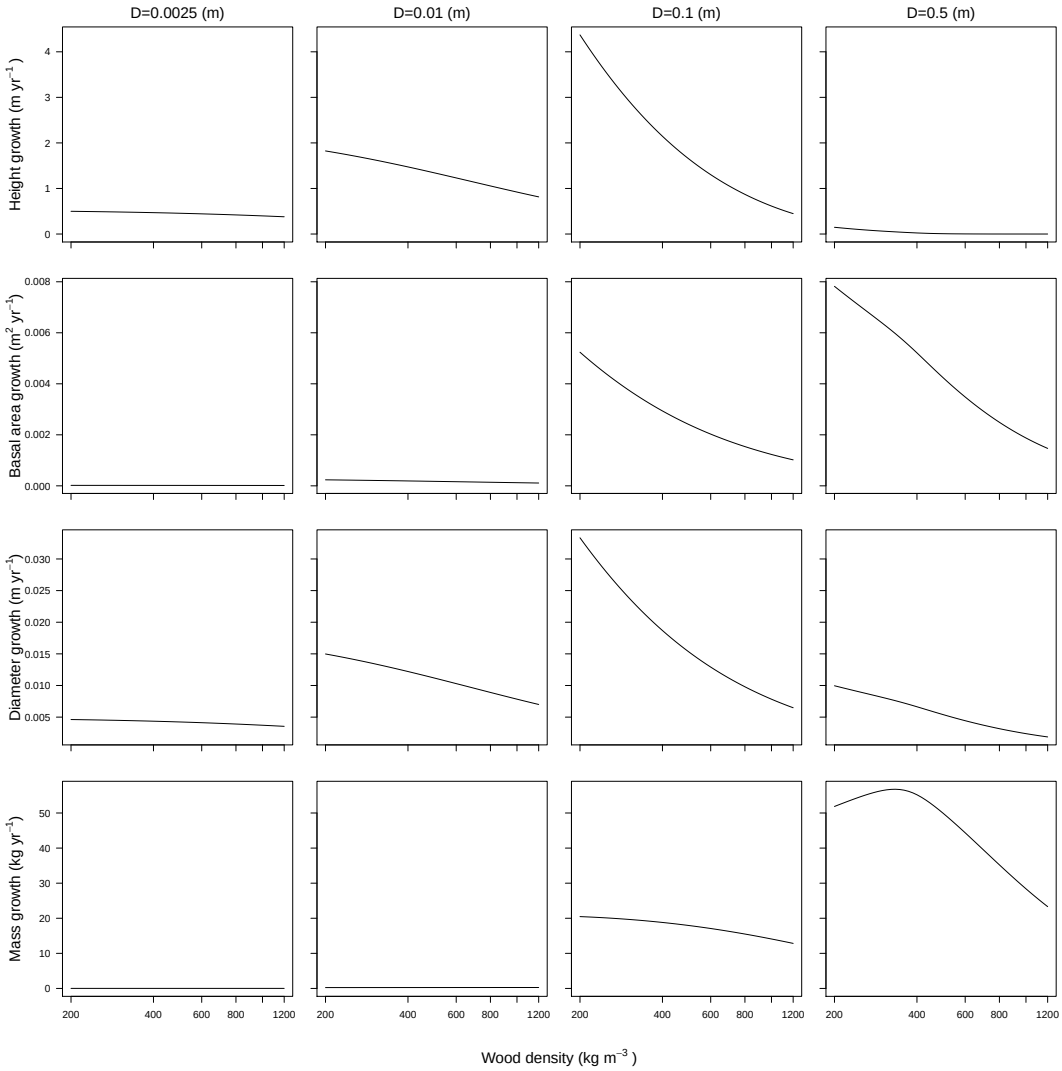

FIGURE S5: **The expected correlation between stem-construction cost and growth rate changes with plant size.**

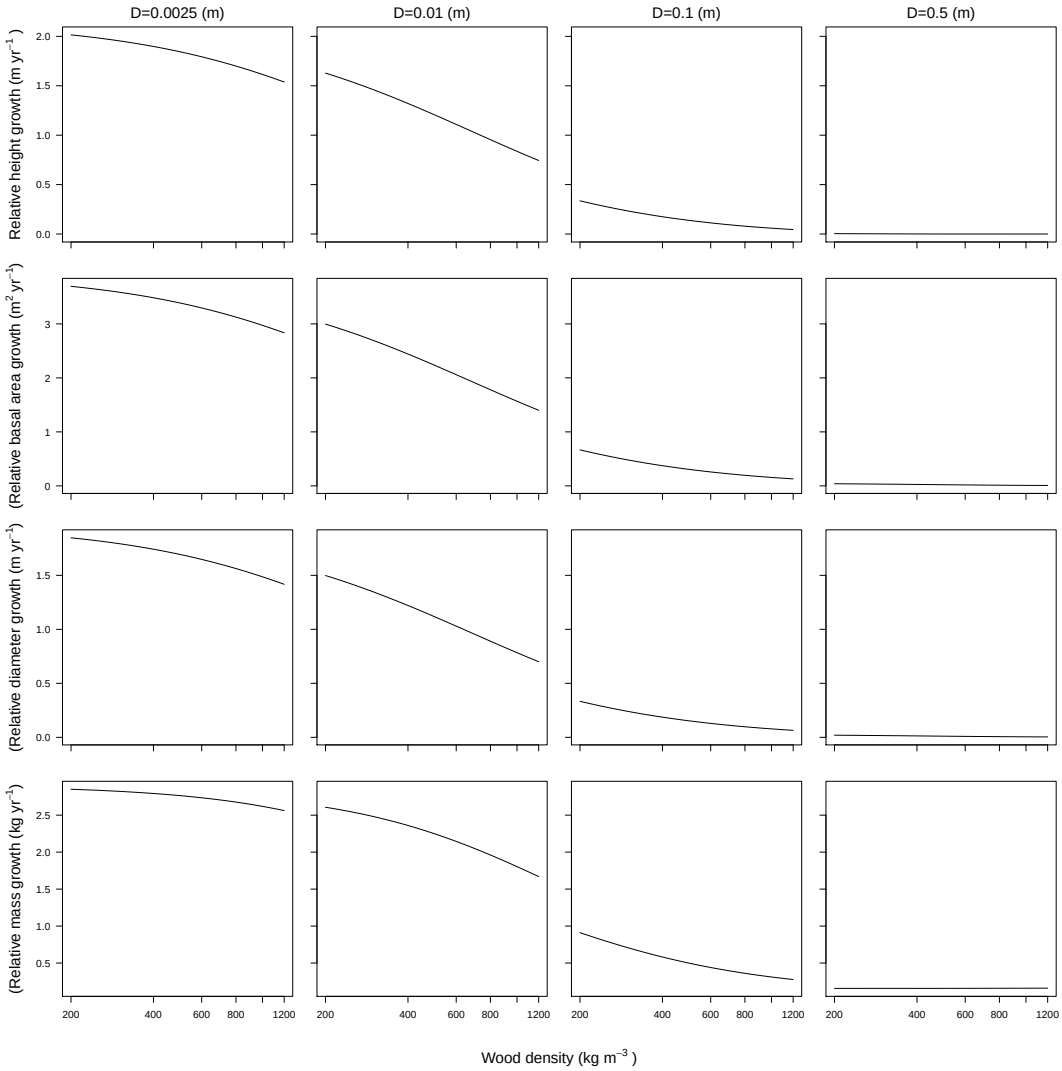

FIGURE S6: **The expected correlation between stem-construction cost and relative growth rate changes with plant size.**

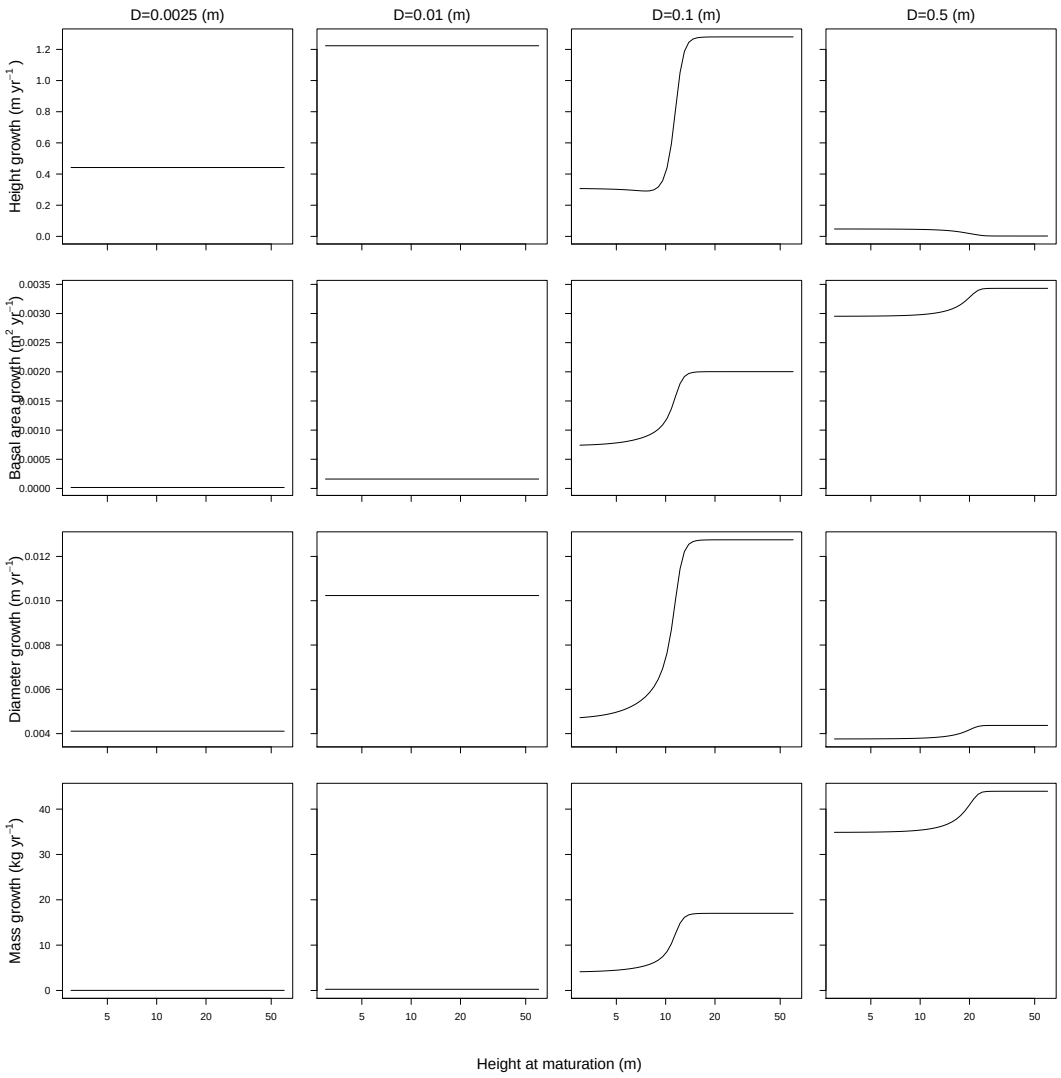

FIGURE S7: **The expected correlation between maximum height and growth rate changes with plant size.**

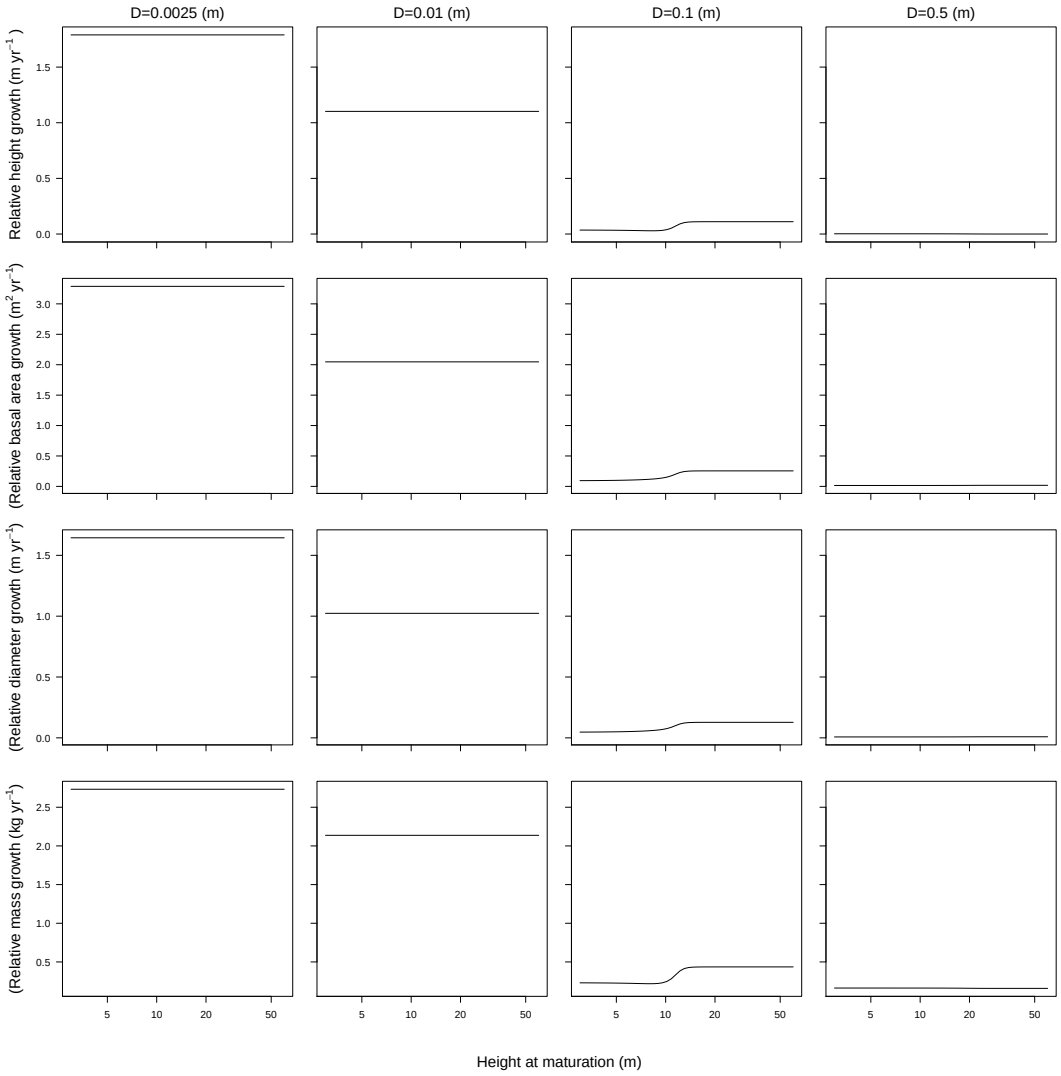

FIGURE S8: **The expected correlation between maximum height and relative growth rate changes with plant size.**

REFERENCES

1. Wright, I.J., Reich, P.B., Westoby, M., Ackerly, D., Baruch, Z., Bongers, F., Cavender-Bares, J., Chapin, F., Cornelissen, J., Diemer, M., Flexas, J., Garnier, E., Groom, P., Gulias, J., Hikosaka, K., Lamont, B., Lee, T., Lee, W., Lusk, C., Midgley, J., Navas, M.L., Niinemets, Ű., Oleksyn, J., Osada, N., Poorter, H., Poot, P., Prior, L., Pyankov, V., Roumet, C., Thomas, S., Tjoelker, M., Veneklaas, E. & Villar, R. (2004). The world-wide leaf economics spectrum. *Nature*, 428, 821–827.