

Supplementary Table S1. Descriptive statistics of wood variables by age and whole average

	N	Weighted Mean	+95%	-95%	Median	Std.Dev.
CWA average %	109	3,3728	2,6854	4,0602	1,5538	3,62064
FWT average μm	107	0,1971	0,1575	0,2366	0,0960	0,20631
FD average μm	107	1,3949	1,1161	1,6737	0,6580	1,45463
FL average μm	109	72,508	57,153	87,862	25,855	80,8741
VD average μm	107	4,0671	3,2451	4,8890	1,9550	4,28839
VN average $\text{n}^\circ.\text{mm}^{-2}$	107	3,5244	2,8772	4,1715	2,2142	3,37649
CWA 1st year %	33	0,1184	0,0972	0,1396	0,1066	0,05973
FWT 1st year μm	33	0,0053	0,0044	0,0063	0,0047	0,00270
FD 1st year μm	33	0,0367	0,0299	0,0436	0,0324	0,01937
FL 1st year μm	33	1,4077	1,1341	1,6812	1,1386	0,77139
VD 1st year μm	33	0,0918	0,0751	0,1086	0,0863	0,04727
VN 1st year $\text{n}^\circ.\text{mm}^{-2}$	33	0,2662	0,2001	0,3323	0,1950	0,18642
CWA 3rd year %	36	1,5957	1,2304	1,9610	1,3774	1,07969
FWT 3rd year μm	32	0,0880	0,0682	0,1078	0,0751	0,05490
FD 3rd year μm	32	0,6090	0,4781	0,7400	0,5420	0,36331
FL 3rd year μm	34	24,1323	18,9279	29,3368	22,0581	14,9161
VD 3rd year μm	32	1,7483	1,3657	2,1308	1,5969	1,06099
VN 3rd year $\text{n}^\circ.\text{mm}^{-2}$	32	2,2988	1,7309	2,8667	1,9826	1,57519
CWA 10th year %	40	7,6570	6,9748	8,3393	7,2419	2,13323
FWT 10th year μm	42	0,4309	0,3955	0,4662	0,4063	0,11352
FD 10th year μm	42	3,0607	2,8273	3,2941	2,9628	0,74910
FL 10th year μm	42	167,533	154,350	180,717	159,743	42,3061
VD 10th year μm	42	8,9571	8,2410	9,6733	9,0460	2,29806
VN 10th year $\text{n}^\circ.\text{mm}^{-2}$	42	7,0182	6,2974	7,7390	6,3764	2,31311

CWA: cell wall area, FWT: fibre wall thickness, FD: fibre diameter, FL: fibre length, VD: vessel diameter and VN: vessel number