

Small-Scale Forest Structure Influences Spatial Variability of Belowground Carbon Fluxes in a Mature Mediterranean Beech Forest

$SR_Y (\text{molCO}_2\text{m}^{-2}\text{s}^{-1})$	1.52	1.63	1.83	1.68	1.37	1.40	1.46	1.44	1.04
$SR_G (\text{molCO}_2\text{m}^{-2}\text{s}^{-1})$	1.75	1.89	2.02	2.01	1.70	1.67	1.67	1.85	1.25
$SR_{LP} (\text{molCO}_2\text{m}^{-2}\text{s}^{-1})$	1.12	1.18	1.50	1.10	0.79	0.93	1.09	0.72	0.68

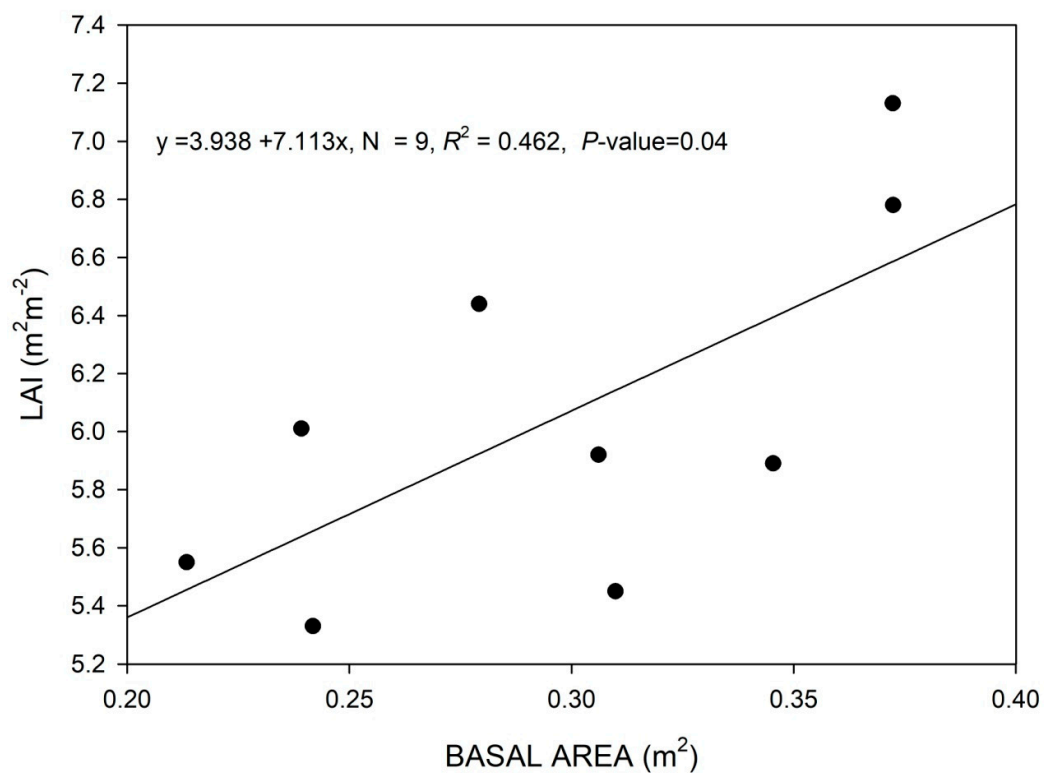


Figure S1: relationship between the basal area, representing the sum of the area (m²) of the cross-section of stems measured at 1.30 m height, and Leaf Area Index (LAI) measured at the centre of each sampling plot.

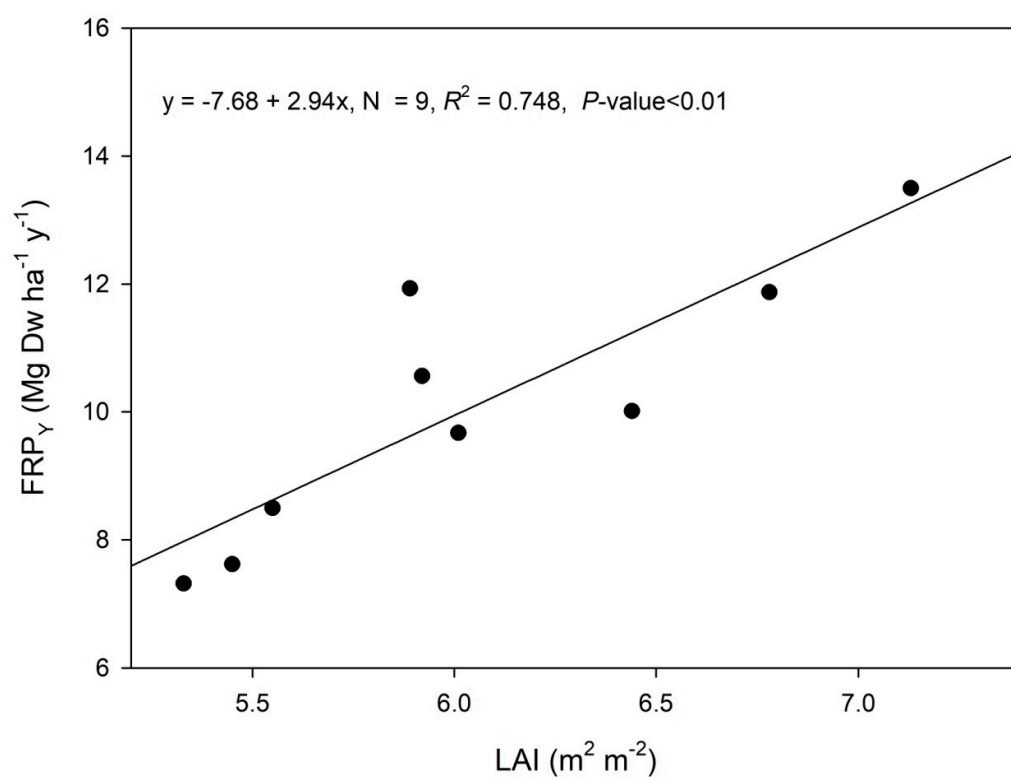


Figure S2. Relationship between annual fine root production (FRP_Y) and leaf area index (LAI).

Each point is a sampling plot.