

# Figure S1 : Estimation of total wood volume

Compartment 2: Volume of wood with a diameter < 12 cm (small branches)



Compartment 1: Volume of wood with a diameter > 12 cm (trunk and big branches)



Wood volume within the compartment 1 was measured in at traditional way, with successive measures along the stem



Wood volume within the compartment 2 was shredded, and shredded volume was measured with photogrammetry. The shredded volume was then converted to a solid wood volume using a conversion factor calibrated for the study on three batches of wood whose volume was known.