

Figure S1. A scheme of the destructive static pulling test setup. AP1 and AP2—anchor points; PB—pulley block; PR—polyester rope; EL—extension line; DI— dynamometer; α — the slope angle of the pulling line; l_1 — the distance between the sample tree and the anchoring tree; IM0 and IM5—inclinometers at the height of 0 and 5 m, respectively; EM—elastometer; H—tree height; TH—topping height.

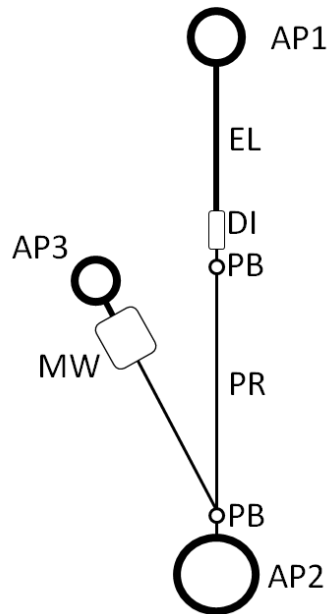


Figure S2. A scheme of the location of winch in the static pulling test setup. AP1, AP2 and AP3—anchor points; MW—motor winch; PB—pulley block; PR—polyester rope; EL—extension line; DI— dynamometer.