

List of figures

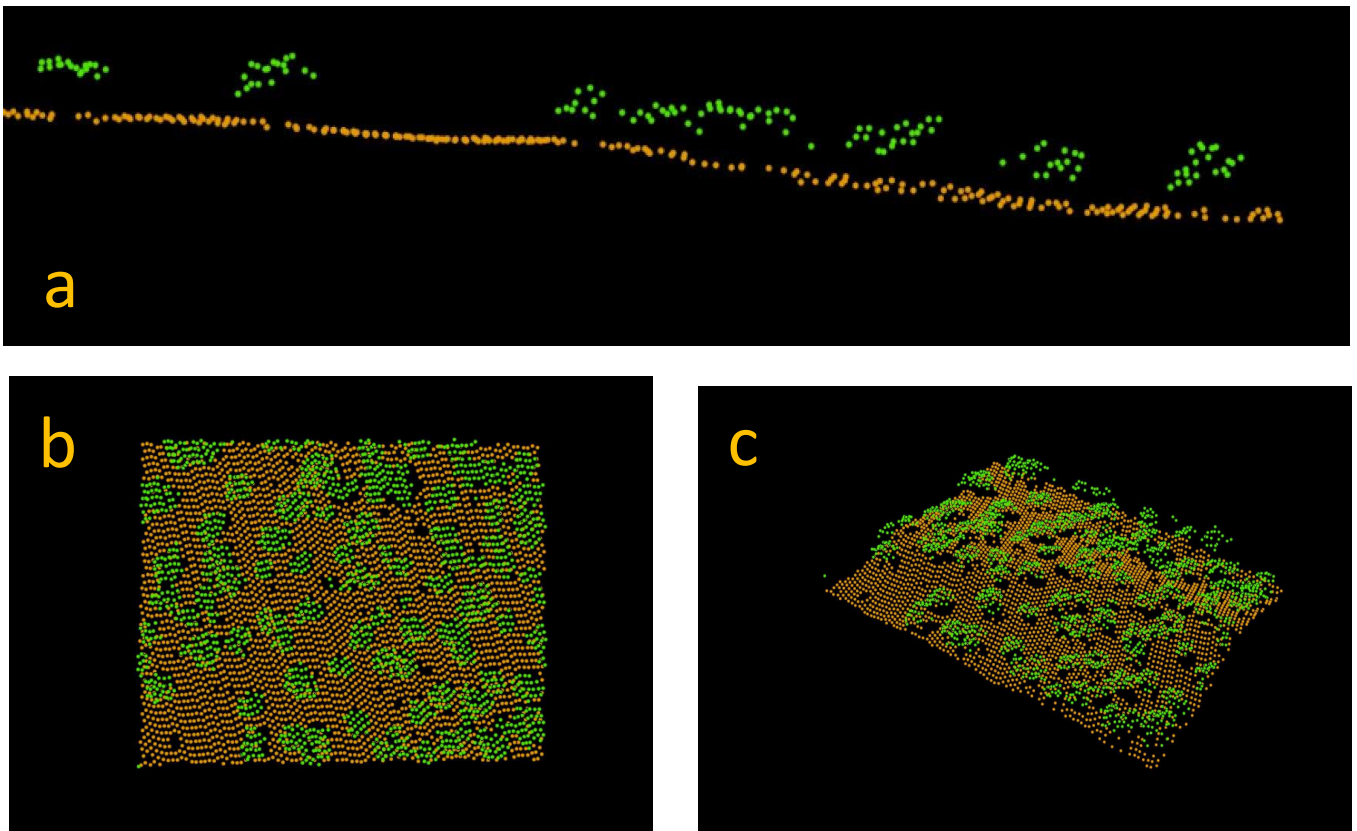


Figure 1. LiDAR point images in a dehesa: ground (brown colour) and tree canopy (green colour). **(a)** section of a transect (10 m width x 20 m length); **(b)** plan view of 1 hectare; **(c)** 3D view of the same area.

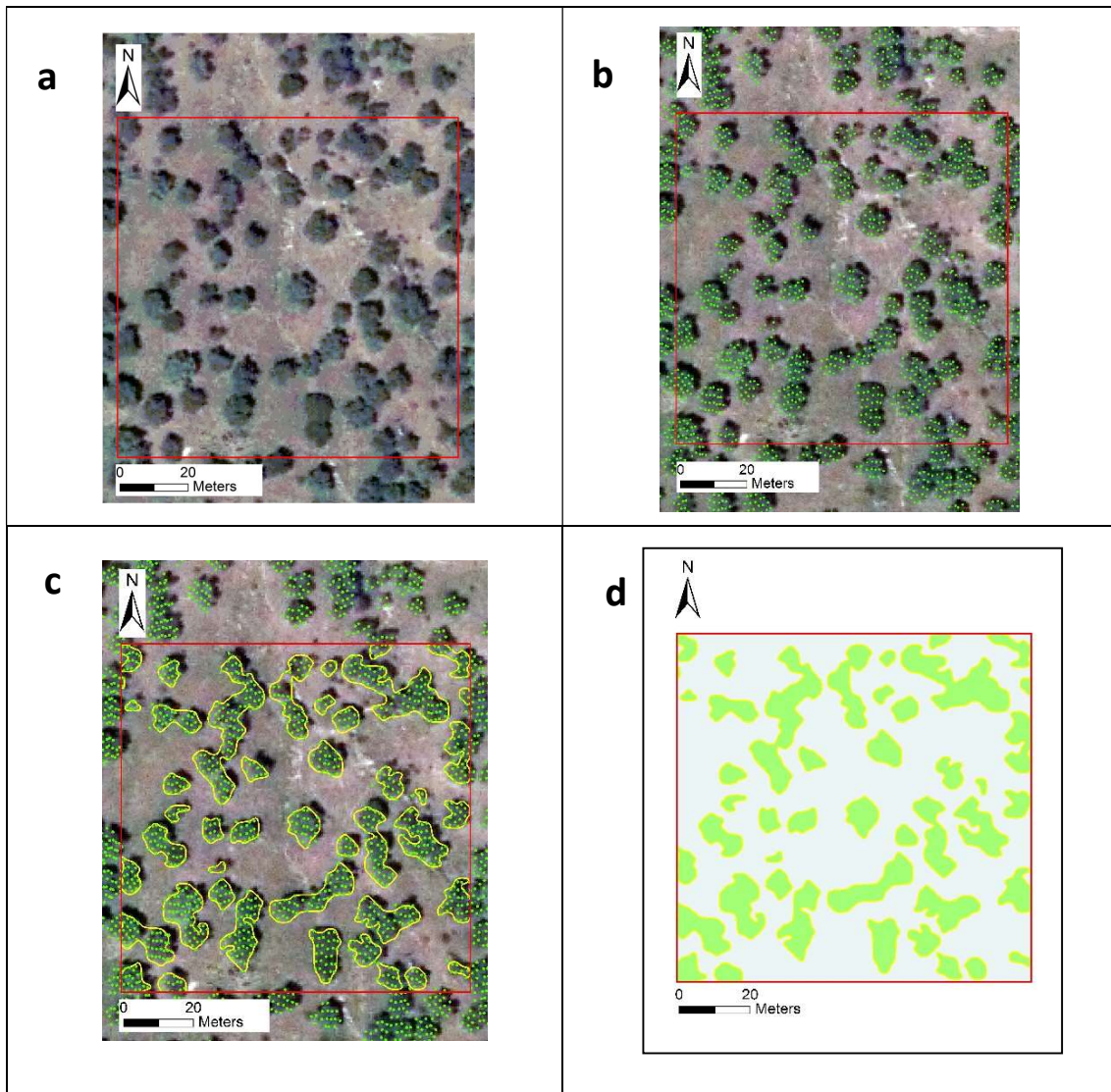


Figure 2. (a) Sample area of 1 hectare showing a typical structure of a cork oak and holm oak dehesa. (b) Vegetation LiDAR points matching tree canopy; (c) Tree cover segmentation based on LiDAR point spatial arrangement (d) Spatial pattern of tree cover elements.