

Fig. 1: (a) Laser scanner and charged coupled device (CCD) camera mounted on the imaging unit in the Scanalyzer HTS phenotyping device; (b) 2.5D height scaled image (1024-by-1728 pixels) containing six *Arabidopsis* plants (c) 3D point cloud computed from the recorded 2.5D image using our developed image conversion.

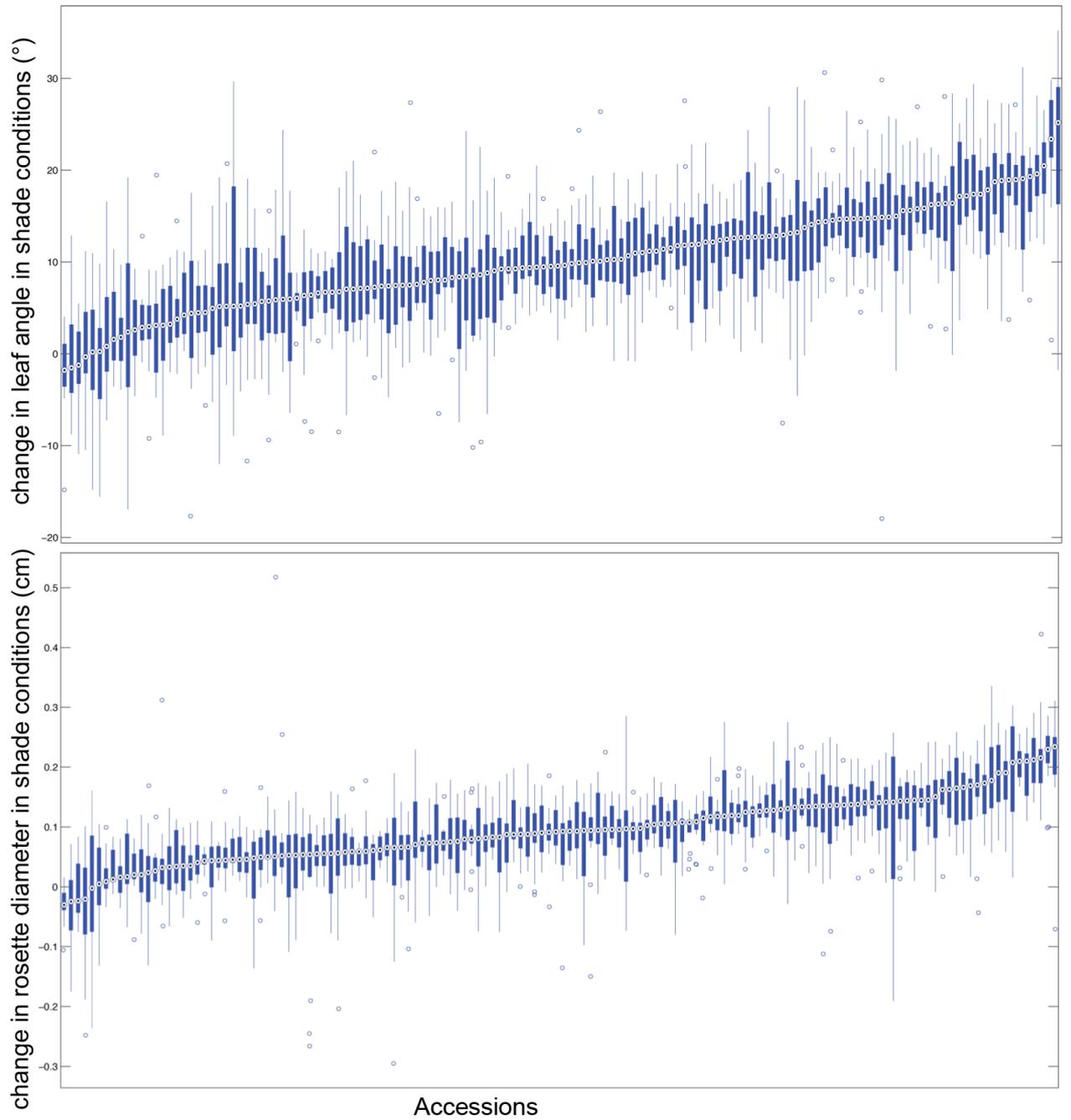


Fig. 2: Natural variation of 145 Accessions regarding the change in leaf angle and rosette diameter in response to a shade treatment.