



**Figure S2.** Pearson's Correlation (r) of the the bioristor response (R), and image-derived data (Solidity, Hue circular, Plant height and Digital Biovolume). Blue dots, well-watered (WW) mutant plants (M); red dots, drought stressed (DS) mutant plants (M); grey dots, well-watered (WW) wild type plants (WT); yellow dots, drought stressed (DS) wild type plants (WT). Asterisks indicate the significance levels of the correlation coefficients ( $p \leq 0.01$ , \*\*;  $p \leq 0.05$ , \*).