



Figure S3. Cluster analysis based on drought susceptibility index (DSI) and the parameter of the model $t_{0.5}$. The DSI was calculated based on the yield variation between field trials with irrigation and in rainfed in two contrasting years with respect to the rainfall index. G+: genotypes that have an interannual increase in DSI. G-: genotypes that have an interannual decrease in DSI. G0: genotypes without variations in the DSI between the years. G1: genotypes with low $t_{0.5}$. G2: genotypes with intermediate $t_{0.5}$. G3: genotypes with high $t_{0.5}$. For more details of G+ G- and G0 see Quero et al. (2021) [31].