

Table S2. Combined analysis of variance (ANOVA), grand mean values, broad-sense heritability (H^2) and the coefficient of variation (CV) for nine traits collected from eight durum wheat genotypes tested across 15 different environments.

Statistic	TW	GY	HI	TKW	KA	KW	KL	KC	KLKW
Genotype Variance	1042.160	1825.018	11.175	27.383	5.441	0.005	0.811	0.012	0.062
GenxLoc Variance	24779.354	4491.951	16.424	15.880	1.157	0.010	0.061	0.001	0.007
Residual Variance	10731.418	1462.309	7.615	3.900	0.473	0.005	0.072	0.003	0.012
Genotype Significance	0.3973	9.11E-06	1.10E-08	1.27E-18	6.27E-33	3.59E-06	3.95E-48	1.38E-30	6.44E-39
GenxEnv Significance	1.14E-36	7.75E-45	1.04E-34	3.56E-58	1.68E-40	4.04E-34	1.70E-15	0.00182	1.01E-09
Percentage of Variation-Genotype	2.851	23.460	31.73467	58.014	76.897	23.591	85.923	76.283	76.914
Percentage of Variation-GenxEnv	67.790	57.74253	46.640	33.597	16.313	51.158	6.474	7.078	8.267
Percentage of Variation-Residual	29.359	18.798	21.626	8.389	6.790	25.251	7.603	16.639	14.819
Grand Mean	1078.929	336.274	29.462	38.316	17.502	3.038	7.741	1.629	2.580
Heritability (H2)	0.355	0.846	0.898	0.960	0.984	0.856	0.993	0.986	0.989
CV (%)	9.601	11.372	9.367	5.154	3.930	2.310	3.455	3.528	4.226