

**Table S1.** The results of two-way ANOVA test to evaluate the significance of quinoa cultivar and agro-climatic conditions of year on the plant height

Source of variation	ss	df	ms	$F_{05}$	$F$
Total	19016.89	79	—	—	—
Variants	17874.64	19	940.77	1.75	49.42*
Factors					
A (cultivar)	10728.57	4	2682.14	2.76	140.89*
B (year)	6063.31	3	2021.10	2.53	106.16*
Interaction (AB)	1082.76	12	90.23	1.92	4.74*
Error	1142.26	60	19.04	—	—

Abbreviations: ss – sum of squares; df –degrees of freedom; ms – mean square;  $F_{05}$  – critical F value at 5% significance level ( $\alpha = 0.05$ ); F – F value; \* – F test significant at  $\alpha = 0.05$ .