

Table 1 Correlation coefficients between maize quality shape and main agronomic traits

Project	Yield per plant	100 grain weight	Spike length	Ear diameter	Ear row number	Kernels per row	Height	Reproductive period
Crude protein	-0.635*	-0.789**	0.063	0.167	-0.972**	0.777*	0.09	0.766**
Crude fat	-0.636*	0.697*	-0.184	0.160	0.160	-0.906**	0.782**	0.809**
Total starch	0.555	0.135	0.799**	0.228	0.581*	0.618*	0.100	0.229

Note: \*: Significant level; \*\*: 0.01 Significant level