Table 2 The descriptive statistics for ear yield traits in maize varieties under different treatment

Treatment	Variety	Ear length (cm)	Ear diameter (cm)	The kernels per row	Row number	Cob diameter (cm)	Ear weight (kg)	Kernel weight (kg)	Seed rate (%)	100 kernels weight (g)	Grain moisture content 2 (%)
Baochai	Zhendan 7137	89.7±2.3	23.0±0.2	35.8±1.0	14.7±0.7	13.8±0.3	3.6±0.3	3.2±0.3	88.2±0.4	39.2±1.2	15.1±0.6
	Zhendan 7153	86.3±4.0	23.2±0.3	38.1±1.8	12.9±0.4	13.3±0.3	3.7±0.3	3.2±0.2	88.7±0.4	38.1±1.0	17.6±0.9
	Zhendan 958	84.5±7.1	23.5±0.9	35.0±2.3	13.8±2.0	14.8±0.3	3.8±0.9	3.2±0.8	84.1±1.1	38.7±3.4	17.8±1.1
CK	Zhendan 7137	87.0±8.5	23.5±0.5	32.9±0.2	15.8±0.8	13.8±0.3	3.6±0.5	3.2±0.5	88.1±0.3	36.4±1.4	14.8±0.2
	Zhendan 7153	96.5±3.5	23.8±0.3	40.8±0.5	14.3±0.3	14.3±0.3	4.5±0.2	4.0±0.2	88.1±0.4	38.9±1.7	17.4±0.2
	Zhendan 958	89.3±7.5	23.8±1.5	36.7±1.9	14.4±0.8	15.0±0.3	3.8±0.8	3.2±0.7	83.4±0.7	38.5±3.6	17.1±0.4
Lingzhisu	Zhendan 7137	86.3±7.0	23.7±0.6	34.0±1.7	16.0±0.7	13.8±0.3	3.6±0.5	3.2±0.4	88.2±1.0	36.6±0.8	15.0±0.9
	Zhendan 7153	92.3±5.1	23.5±0.9	40.9±1.2	14.4±0.4	14.2±0.3	4.3±0.4	3.8±0.4	88.2±1.1	37.8±2.0	17.3±0.3
	Zhendan 958	88.7±3.2	24.7±1.2	39.0±2.3	15.6±0.8	14.8±0.6	3.8±0.5	3.3±0.4	85.6±0.5	35.2±3.0	17.4±0.8