

Table S3 The variance components for the KWS-Synbreed real maize data set estimated by RR-BLUP models assuming genotypes are correlated according to the linear variance model.

Variance components [‡]	Estimate for Scenarios 7 and 8	Estimate for Scenarios 9 and 10
Marker (σ_u^2)	0.005892	0.005892/10
Trial× Replicate × Block (σ_b^2)	6.3148	6.3148
Residual (σ_e^2)	53.8715	53.8715

[‡] Estimates for the other variance components are reported in Estaghirou *et al.* (2013).