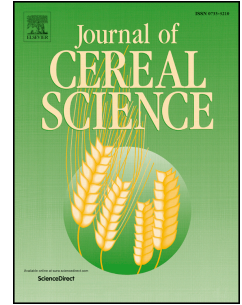


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Linear relationships between agronomic and nutritional traits in transgenic genotypes of maize

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Highlights

In presence of multicollinearity the values of the path coefficients are overestimated.

Agronomic traits have positive linear relationship to nutritional traits.

Agronomic traits can be used to improve of nutritional quality in grains of maize.

Abbreviations

AML, amylose; CF, crude fiber; CP, crude protein; EE, ether extract; EH, ear insertion height; FF, number of days from sowing until female flowering; GY, grain yield; MF, number of days from sowing until male flowering; NIRS, near infrared reflectance spectroscopy; PH, plant height; SA, selective accuracy; ST, starch; VIF, variance inflation factor; % RM, percentage of raw matter.

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