



1 **Table S1:** Mean square values from two-way analysis of variance for visual severity of root rot,
2 stalk rot and FUM concentration on Korean maize cultivars (d.f.: degrees of freedom; FUM:
3 Fumonositins)

Source of variation	d.f.	Root rot severity	Stalk rot severity	FUM
Cultivar (C) ¹	6	226.961***	2764.667***	769672.7***
<i>Fusarium</i> species (Fs) ¹	1	157.761***	1248.595***	1381.813ns
C x Fs	6	2.73873ns	99.42857ns	2198.729ns
Within	28	6.037143	137.1667	127527.8

4 ¹Cultivar (C)= Hik-chal, Miheung-chal, Mibeak-2ho, Cho-dang, Chahong-chal, Speed De Hack-
5 chal, and De Hack-chal.

6 ¹*Fusarium* species (Fs)= *Fusarium temperatum* and *Fusarium subglutinans*

7 Ns (non-significant) = P value greater than 0.05; ***P value below 0.001

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