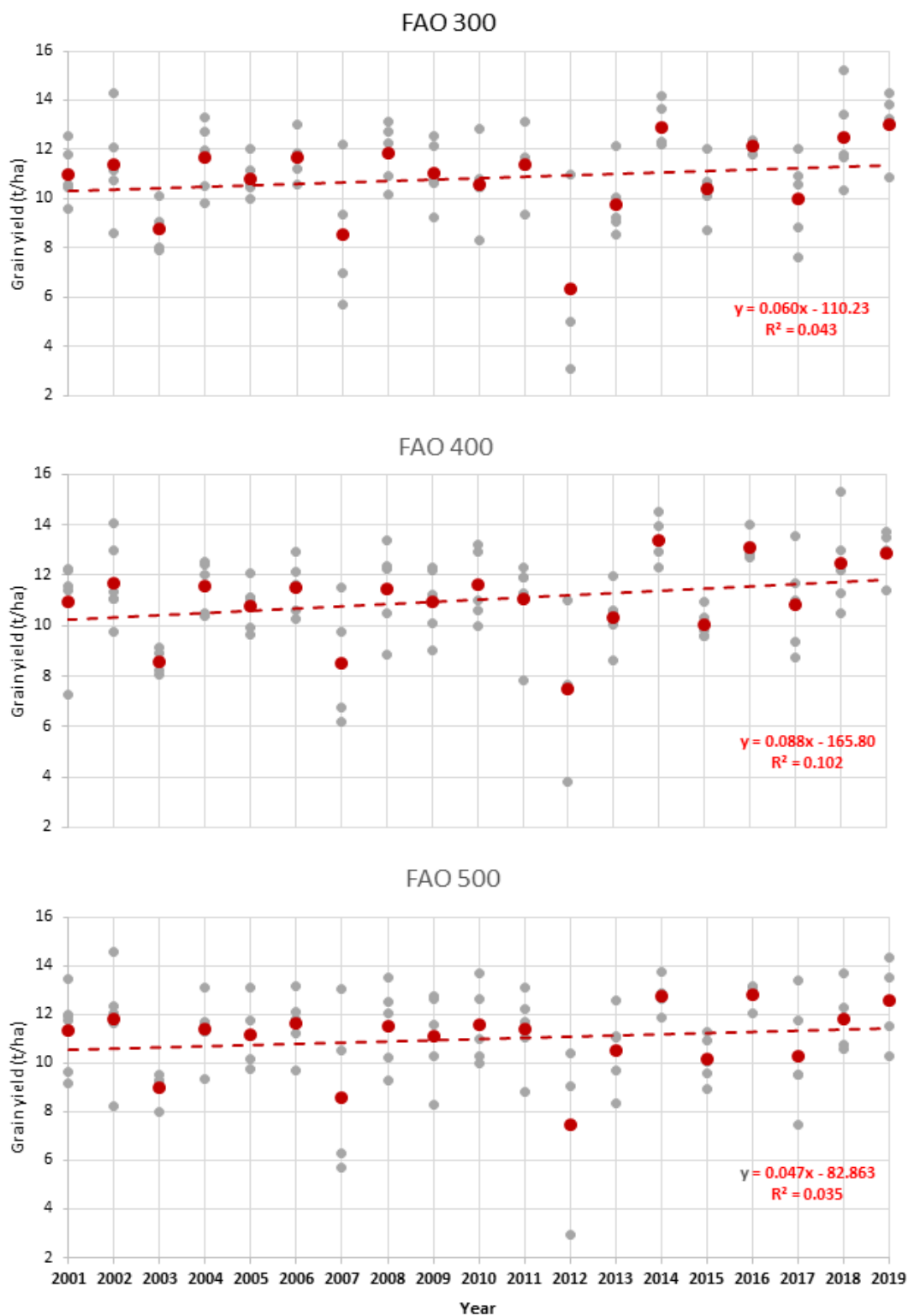
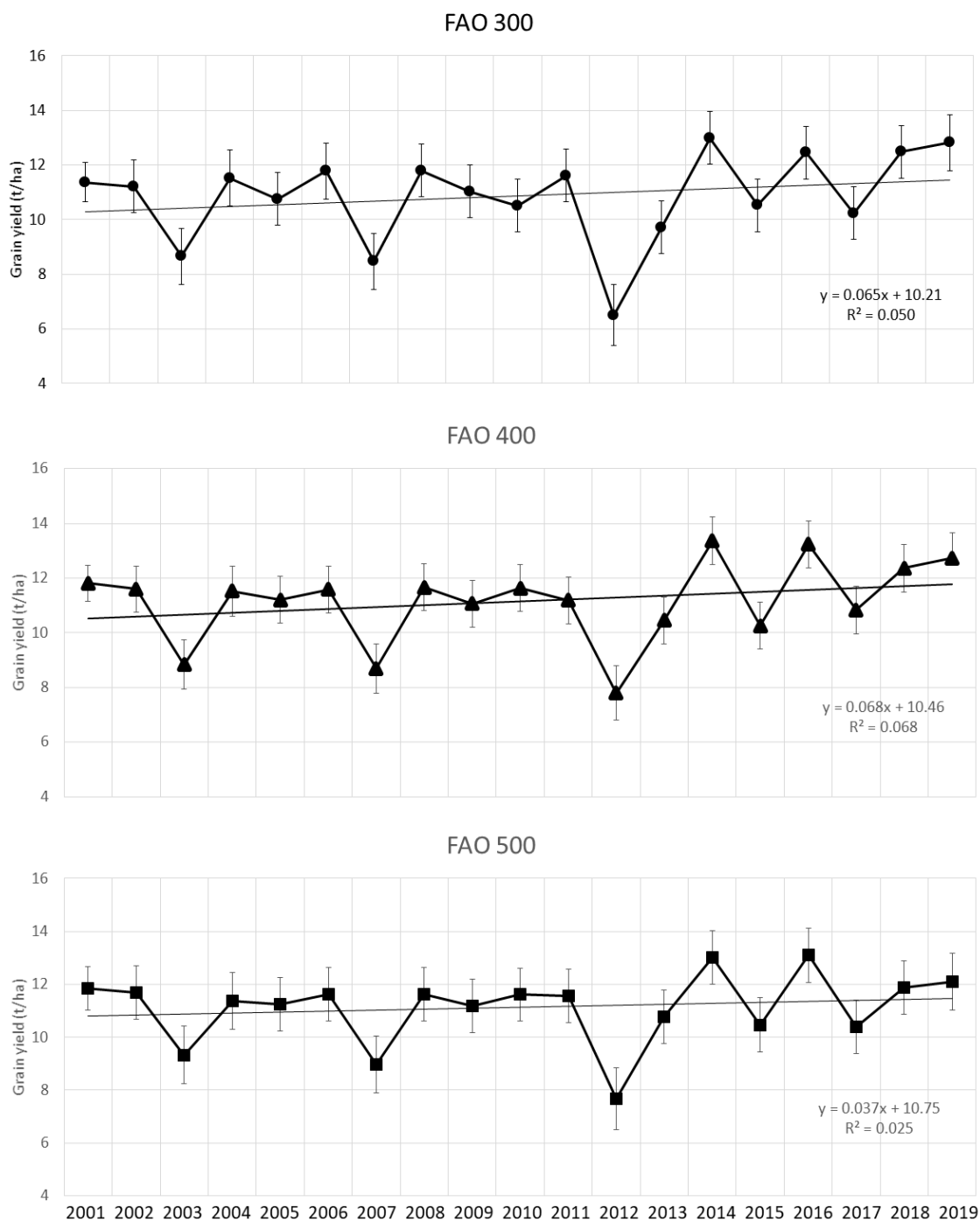


Supplementary Table S1. Overview of Croatian VCU maize trials grouped in three FAO maturity groups evaluated in the period 2001-2019.

Year	FAO 300		FAO 400		FAO 500	
	Varieties	Locations	Varieties	Locations	Varieties	Locations
2001	38	5	42	5	23	5
2002	30	5	41	5	15	5
2003	29	4	43	4	13	4
2004	25	5	46	5	19	5
2005	25	5	48	5	21	5
2006	23	4	45	5	28	5
2007	24	4	47	4	37	4
2008	32	5	52	5	36	5
2009	39	5	62	5	32	5
2010	40	5	52	5	36	5
2011	20	5	28	5	24	5
2012	17	4	28	4	16	4
2013	16	5	30	5	24	5
2014	22	5	25	5	24	5
2015	15	5	27	5	10	5
2016	17	5	23	5	16	5
2017	22	5	13	5	16	5
2018	21	5	13	5	20	5
2019	21	4	13	4	23	4



Supplementary Figure S1. Mean values for grain yield from Croatian VCU maize trials grouped in three FAO maturity groups evaluated in the period 2001-2019 in several locations (Table S1) (grey dots) and their average for the particular year (red dots).



Supplementary Figure S2. Best linear unbiased estimators (BLUEs) of the year effect with corresponding standard errors for grain yield from Croatian VCU maize trials grouped in three FAO maturity groups evaluated in the period 2001-2019 in several locations (Table S1).