

Table 1: Regression of Cereals Production Function (sample size = 126)

Regressand Estimation	(1)		(2)		(3)		(4)	
	Net		Gross		Net		Gross	
	OLS	GLS	OLS	GLS	OLS	GLS	OLS	GLS
R squared	0.962	0.962	0.964	0.964	0.959	0.959	0.961	0.961
Adjusted R squared	0.960	0.960	0.961	0.961	0.956	0.956	0.959	0.958
F-Test *1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Wald statistic *2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
const.	-3.462 0.0000 0.0000	-3.677 0.0000 0.0000	-3.321 0.0000 0.0000	-3.592 0.0000 0.0000	-0.541 0.2491 0.2330	-0.529 0.2597 0.2482	-0.499 0.2741 0.2589	-0.407 0.3730 0.3603
			0				0	
Capital (Combine)	0.058 0.0043 0.0072	0.058 0.0046 0.0086	0.057 0.0040 0.0074	0.059 0.0031 0.0065	0.066 0.0016 0.0033	0.067 0.0014 0.0033	0.065 0.0015 0.0034	0.067 0.0011 0.0029
			2.48				2.42	
Capital (Tractor)	0.097 0.0032 0.0015	0.104 0.0017 0.0009	0.096 0.0027 0.0015	0.103 0.0014 0.0009	0.120 0.0003 0.0002	0.121 0.0003 0.0002	0.119 0.0002 0.0002	0.122 0.0002 0.0002
			3.31				3.09	
Land	0.899 0.0000 0.0000	0.895 0.0000 0.0000	0.902 0.0000 0.0000	0.893 0.0000 0.0000	0.889 0.0000 0.0000	0.897 0.0000 0.0000	0.894 0.0000 0.0000	0.900 0.0000 0.0000
			3.71				3.54	
Labor	0.039 0.3920 0.3690	0.032 0.4790 0.4580	0.034 0.4420 0.4160	0.033 0.4660 0.4420	0.017 0.7053 0.6733	0.001 0.9863 0.9847	0.012 0.7822 0.7583	0.003 0.9415 0.9348
			3.05				2.63	
Prep. standard deviation	-0.401 0.0009 0.0002	-0.415 0.0006 0.0001	-0.386 0.0011 0.0002	-0.403 0.0007 0.0001	-0.020 0.7721 0.7915	-0.017 0.7987 0.8185	-0.019 0.7770 0.7987	-0.034 0.6117 0.6448
			5.56				1.7	
Temp. standard deviation	-0.102 0.2150 0.2120	-0.101 0.2230 0.2340	-0.090 0.2610 0.2610	-0.082 0.3100 0.3330	-0.226 0.0032 0.0023	-0.245 0.0014 0.0012	-0.207 0.0054 0.0040	-0.234 0.0017 0.0014
			2.44				1.89	
Annual prep.	0.451 0.0002 0.0002	0.479 0.0001 0.0001	0.439 0.0002 0.0002	0.480 0.0001 0.0001	—	—	—	—
			4.77					
Average temp.	0.213 0.1200 0.0293	0.254 0.0644 0.0079	0.187 0.1600 0.0445	0.225 0.0927 0.0142	—	—	—	—
			2.06					
Deviation from the suitable prep.	—	—	—	—	-0.074 0.0854 0.0642	-0.070 0.1063 0.0807	-0.080 0.0566 0.0368	-0.087 0.0386 0.0239
							1.14	
Deviation from the suitable temp.	—	—	—	—	-0.093 0.1633 0.1419	-0.106 0.1155 0.1023	-0.087 0.1821 0.1542	-0.100 0.1274 0.1058
							1.18	
White test *3	0.087		0.074		0.030		0.030	
Test of strict exogeneity *4	1.000	0.588	1.000	0.324	1.000	0.466	1.000	0.798
Shapiro-Wilk test *5	0.642	0.632	0.690	0.632	0.633	0.611	0.748	0.690

Note:

Beginning at the top, Estimators, p-Value of t-Test in Finite-Sample Theory, p-Value of t-Test in Large-Sample Theory, and Variance Inflation Factor (VIF)

*1 p-Value of F-test in Finite-Sample Theory

*2 p-Value of Wald statistic in Large-Sample Theory

*3 p-Value of White test

*4 p-Value of the test which lets strictly exogeneity be the null hypothesis

*5 p-Value of Shapiro-Wilk test