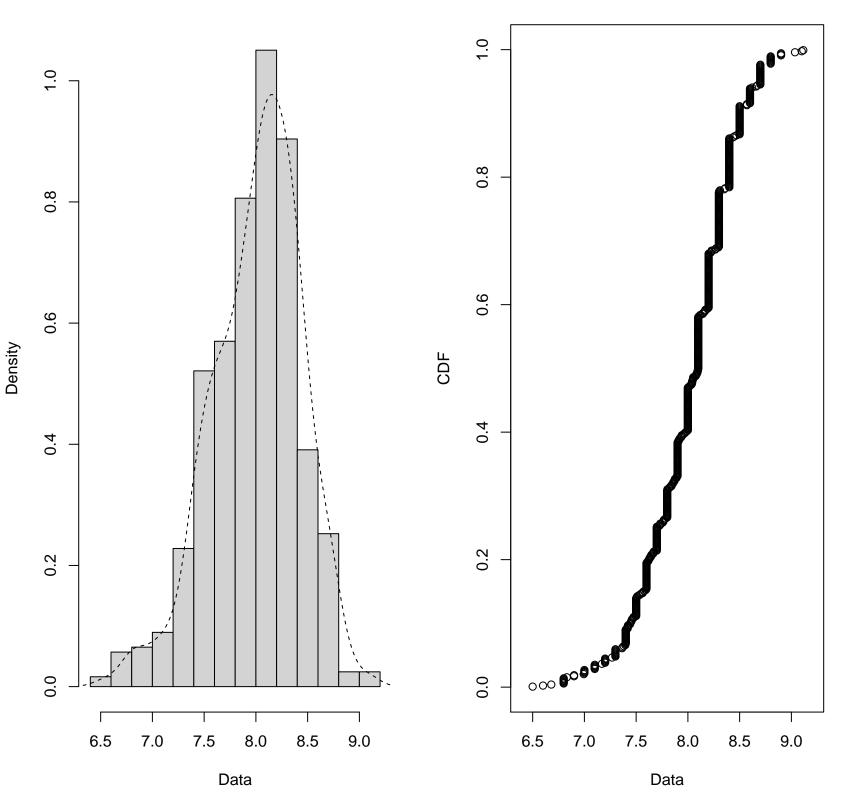
# Summary of the variable

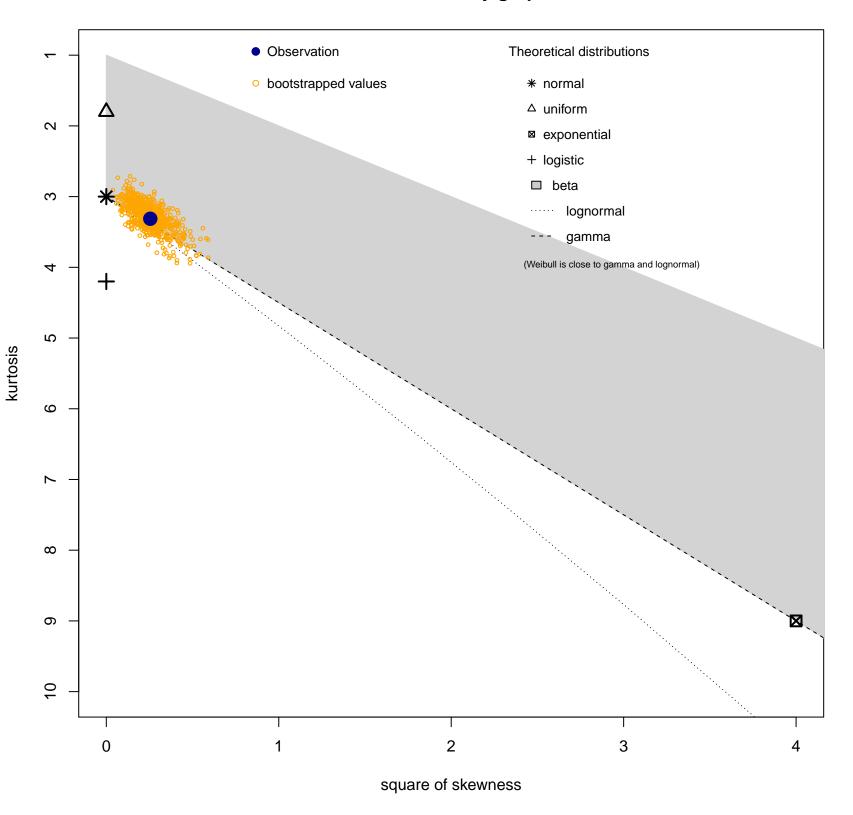
Min. 1st Qu. Median Mean 3rd Qu. Max. NA's 6.500 7.700 8.100 8.014 8.300 9.115 1



#### **Cumulative distribution**



#### **Cullen and Frey graph**

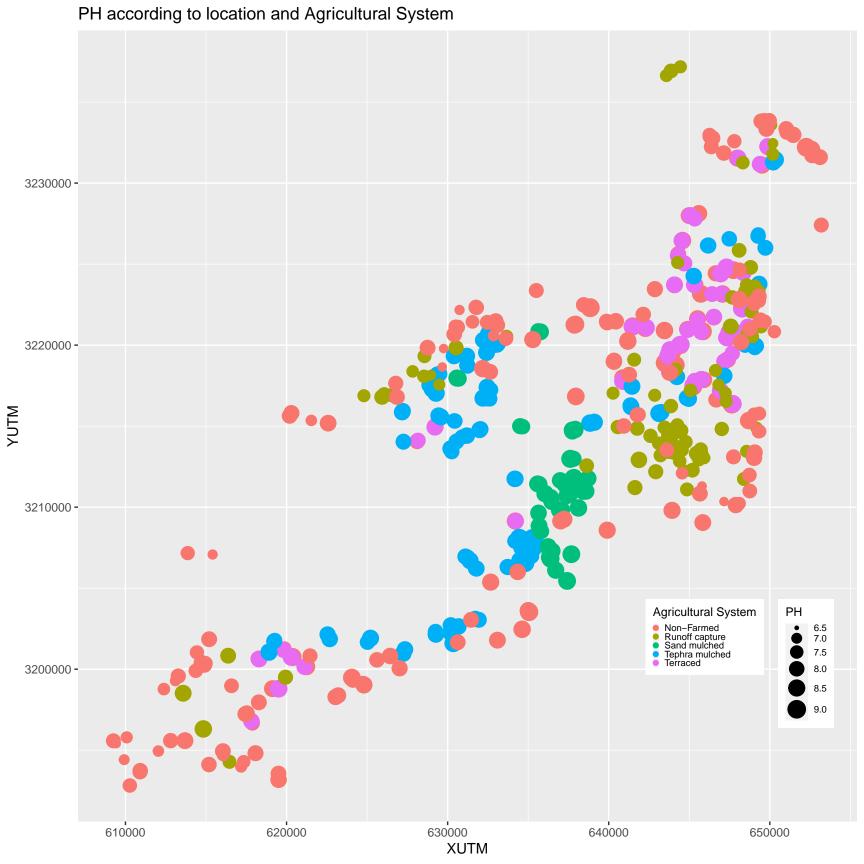


### Shapiro-Wilk test for normality

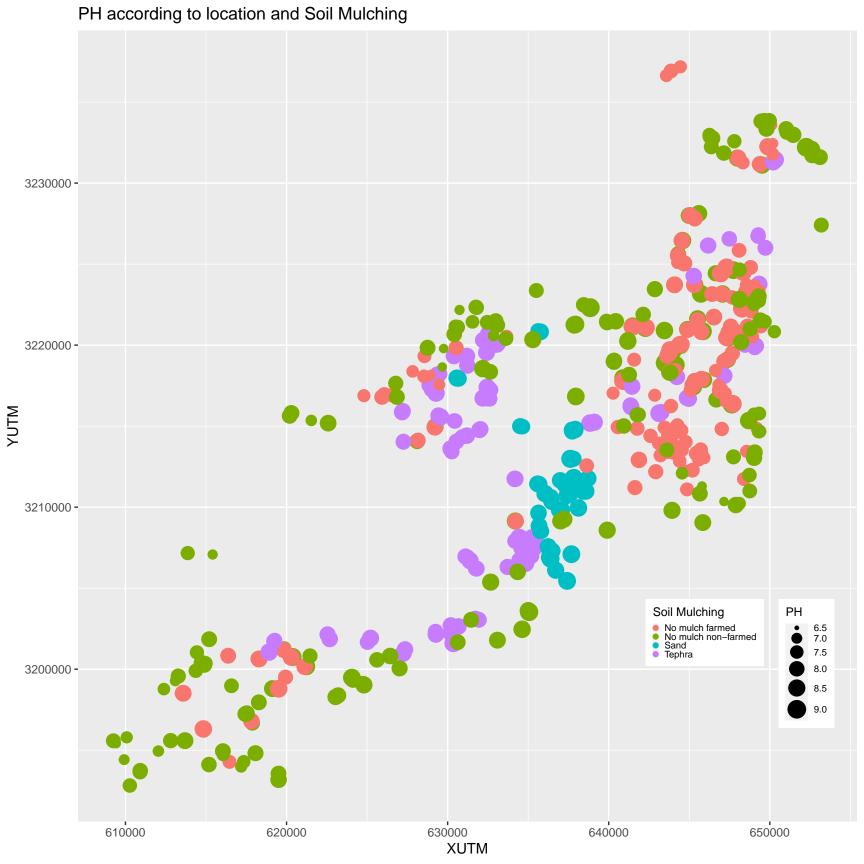
Shapiro-Wilk normality test

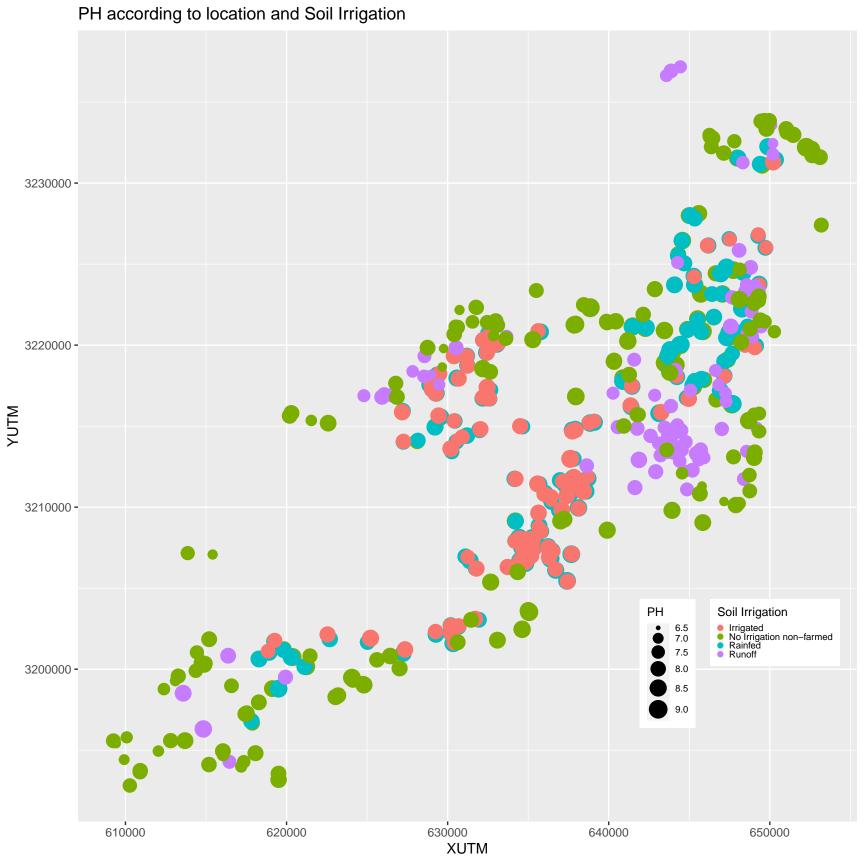
data: dataframe[, variable\_chr]

W = 0.98041, p-value = 2.528e-07

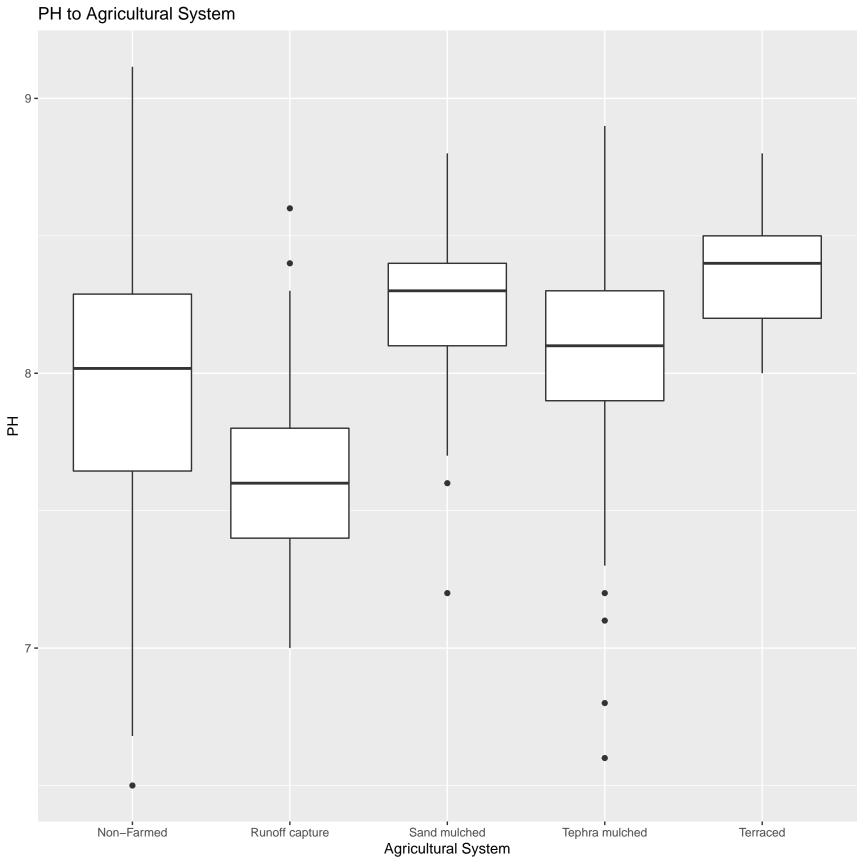




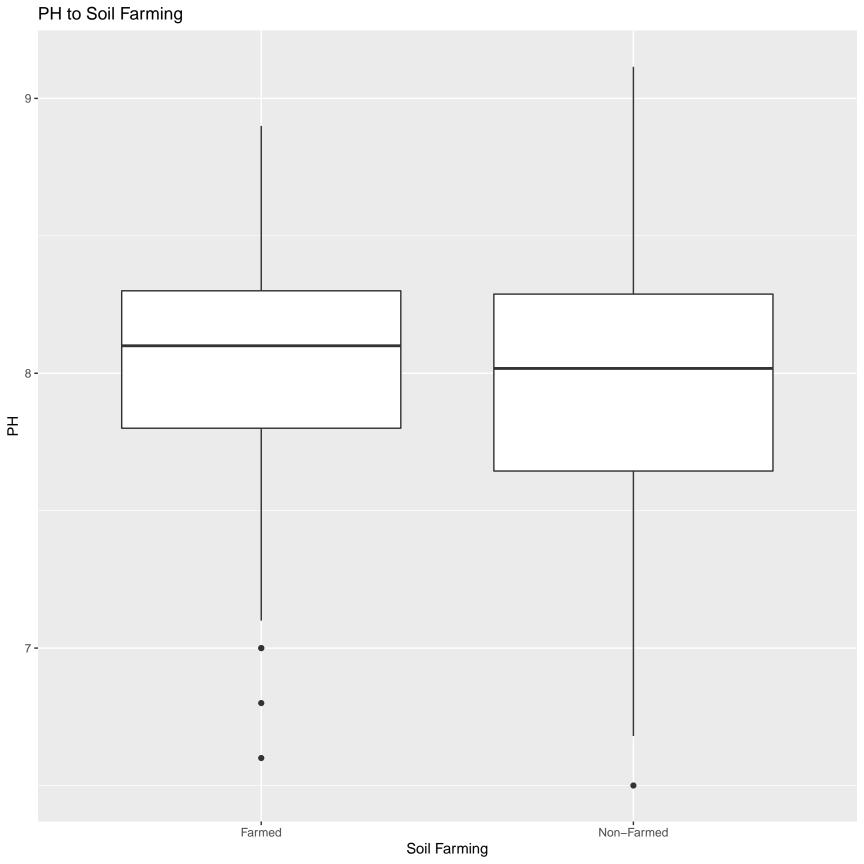




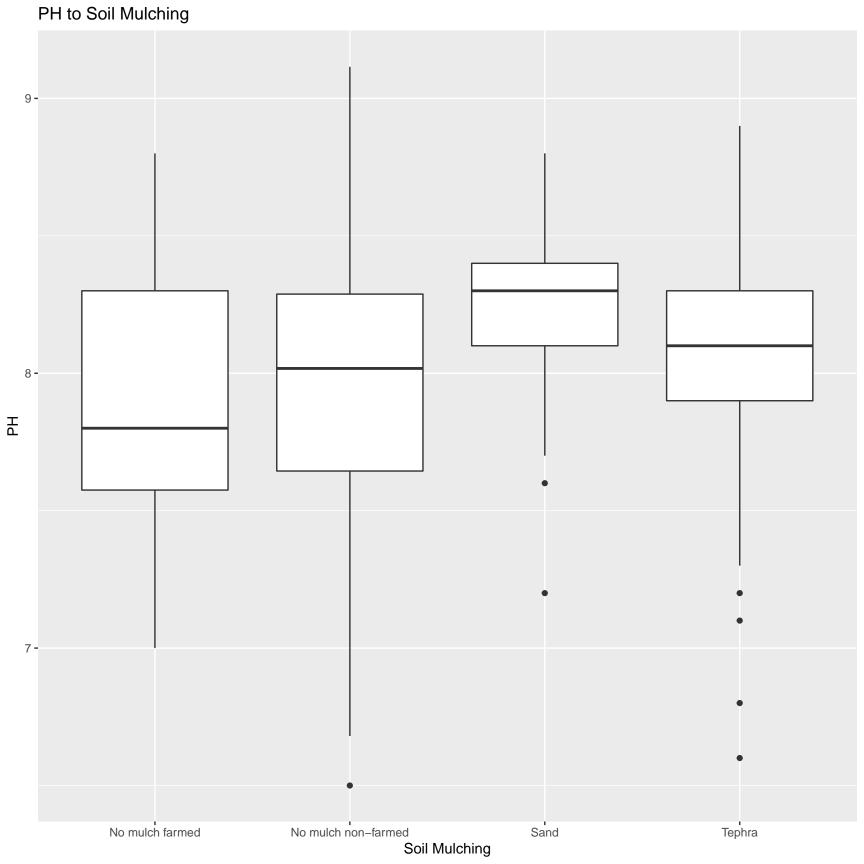




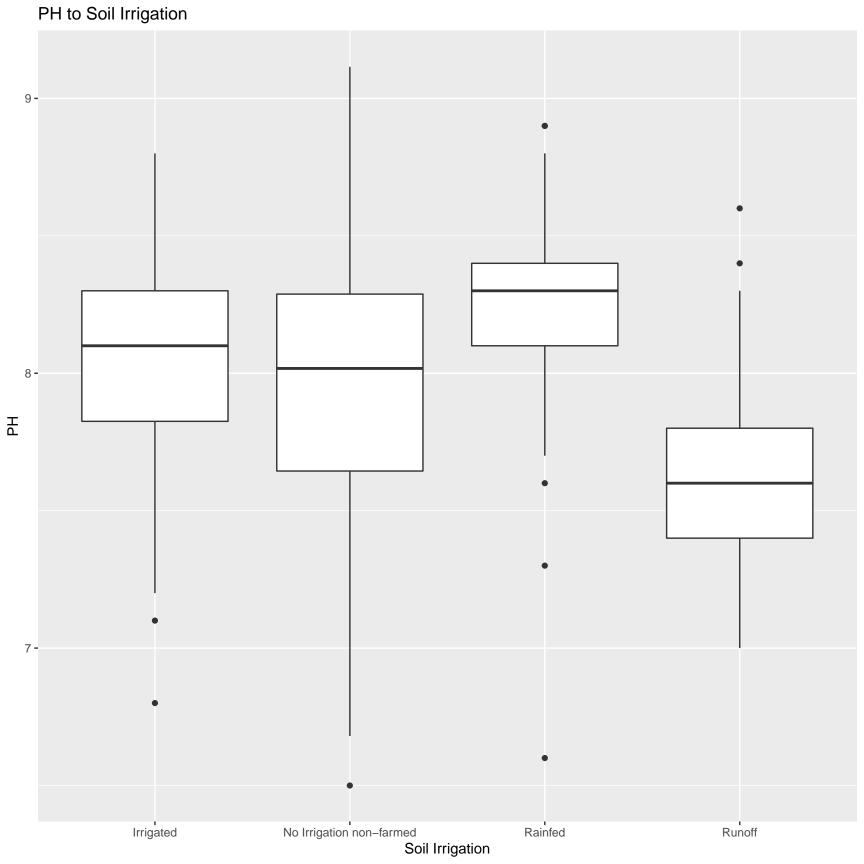
	.y.	group1	group2	n1	n2	statistic	р	p.adj	p.adj.signif
1	РΗ	Non-Farmed	Runoff capture	262	82	16077.0	1.11e-11	7.77e-11	***
2	РН	Non-Farmed	Sand mulched	262	60	4587.5	4.78e-07	1.91e-06	***
3	PH	Non-Farmed	Tephra mulched	262	160	17330.0	3.00e-03	6.00e-03	**
4	PH	Non-Farmed	Terraced	262	50	2972.0	9.03e-10	5.42e-09	***
5	РН	Runoff capture	Sand mulched	82	60	308.5	5.06e-19	4.05e-18	***
6	РН	Runoff capture	Tephra mulched	82	160	1568.0	2.58e-22	2.58e-21	***
7	РН	Runoff capture	Terraced	82	50	113.0	8.03e-20	7.23e-19	***
8	РН	Sand mulched	Tephra mulched	60	160	6367.0	1.77e-04	5.31e-04	***
9	РΗ	Sand mulched	Terraced	60	50	1204.0	7.30e-02	7.30e-02	ns
10	PH	Tephra mulched	Terraced	160	50	2004.5	8.78e-08	4.39e-07	***



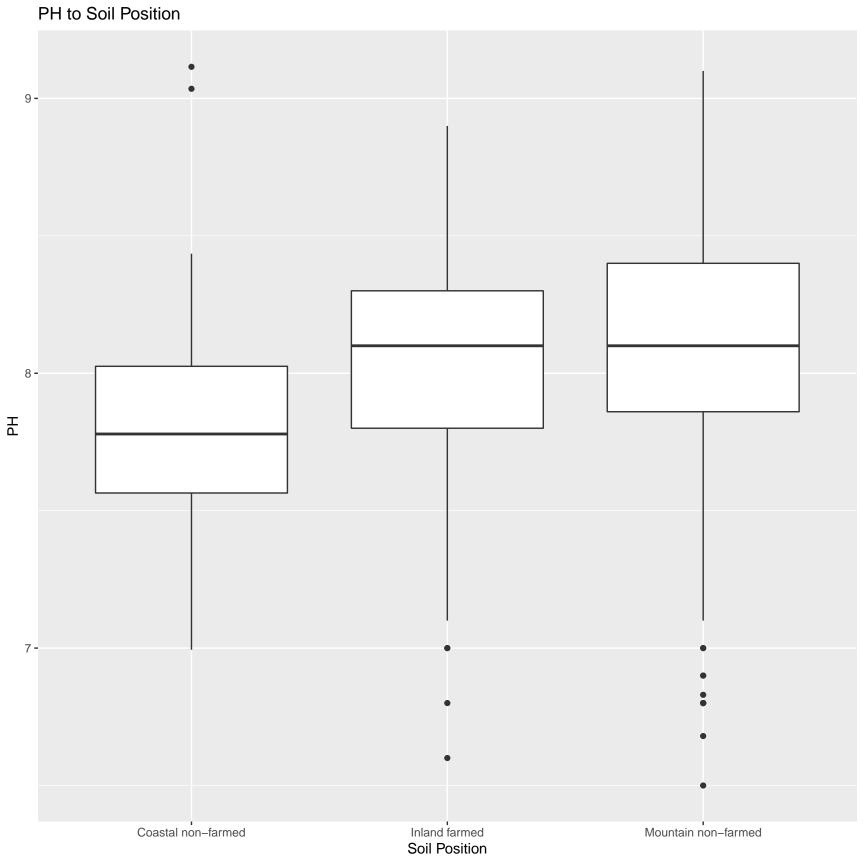
	.y.	group1	group2	n1	n2	statistic	р
1	PH	Farmed	Non-Farmed	352	262	51257.5	0.0178



	.y.	group1	group2	n1	n2	statistic	р	p.adj	p.adj.signif
1	PH	No mulch farmed	No mulch non-farmed	132	262	15535.0	1.00e-01	1.00e-01	ns
2	PH	No mulch farmed	Sand	132	60	2104.5	1.84e-07	1.10e-06	***
3	PH	No mulch farmed	Tephra	132	160	7563.5	2.85e-05	1.14e-04	***
4	PH	No mulch non-farmed	Sand	262	60	4587.5	4.78e-07	2.39e-06	***
5	РН	No mulch non-farmed	Tephra	262	160	17330.0	3.00e-03	6.00e-03	**
6	PH	Sand	Tephra	60	160	6367.0	1.77e-04	5.31e-04	***



	.y.	group1	group2	n1	n2	statistic	р	p.adj	p.adj.signif
1	PH	Irrigated	No Irrigation non-farmed	110	262	15743.0	1.59e-01	1.59e-01	ns
2	PH	Irrigated	Rainfed	110	160	4751.5	1.03e-10	2.06e-10	***
3	PH	Irrigated	Runoff	110	82	7729.5	2.24e-17	1.12e-16	***
4	PH	No Irrigation non-farmed	Rainfed	262	160	11812.5	4.77e-14	1.91e-13	***
5	PH	No Irrigation non-farmed	Runoff	262	82	16077.0	1.11e-11	3.33e-11	****
6	PH	Rainfed	Runoff	160	82	12421.0	3.76e-30	2.26e-29	****



	.y.	group1	group2	n1	n2	statistic	р	p.adj	p.adj.signif
1	PH	Coastal non-farmed	Inland farmed	92	352	9428.0	6.29e-10	1.89e-09	***
2	РН	Coastal non-farmed	Mountain non-farmed	92	170	4492.0	1.30e-08	2.60e-08	***
3	РΗ	Inland farmed	Mountain non-farmed	352	170	28301.5	3.15e-01	3.15e-01	ns