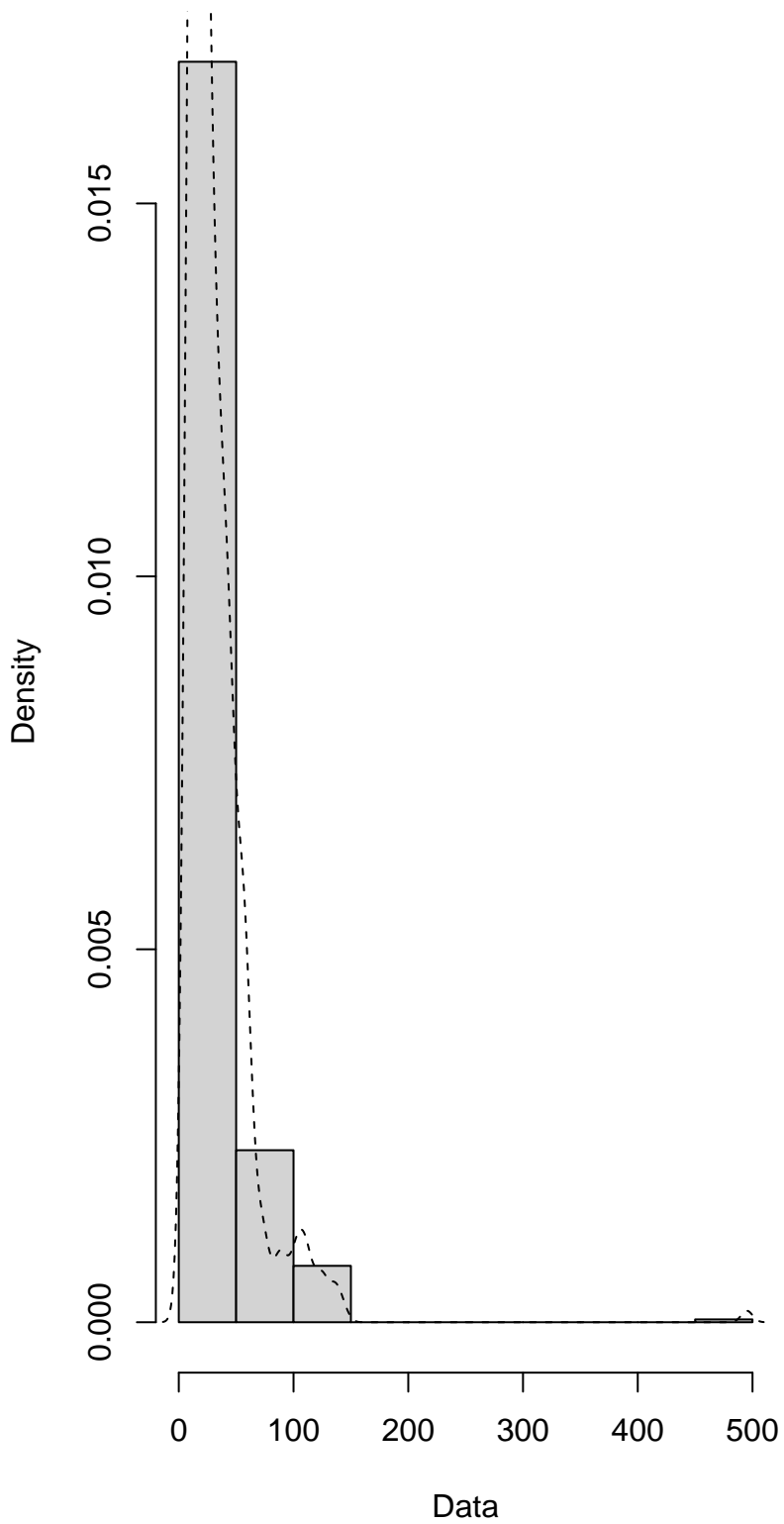


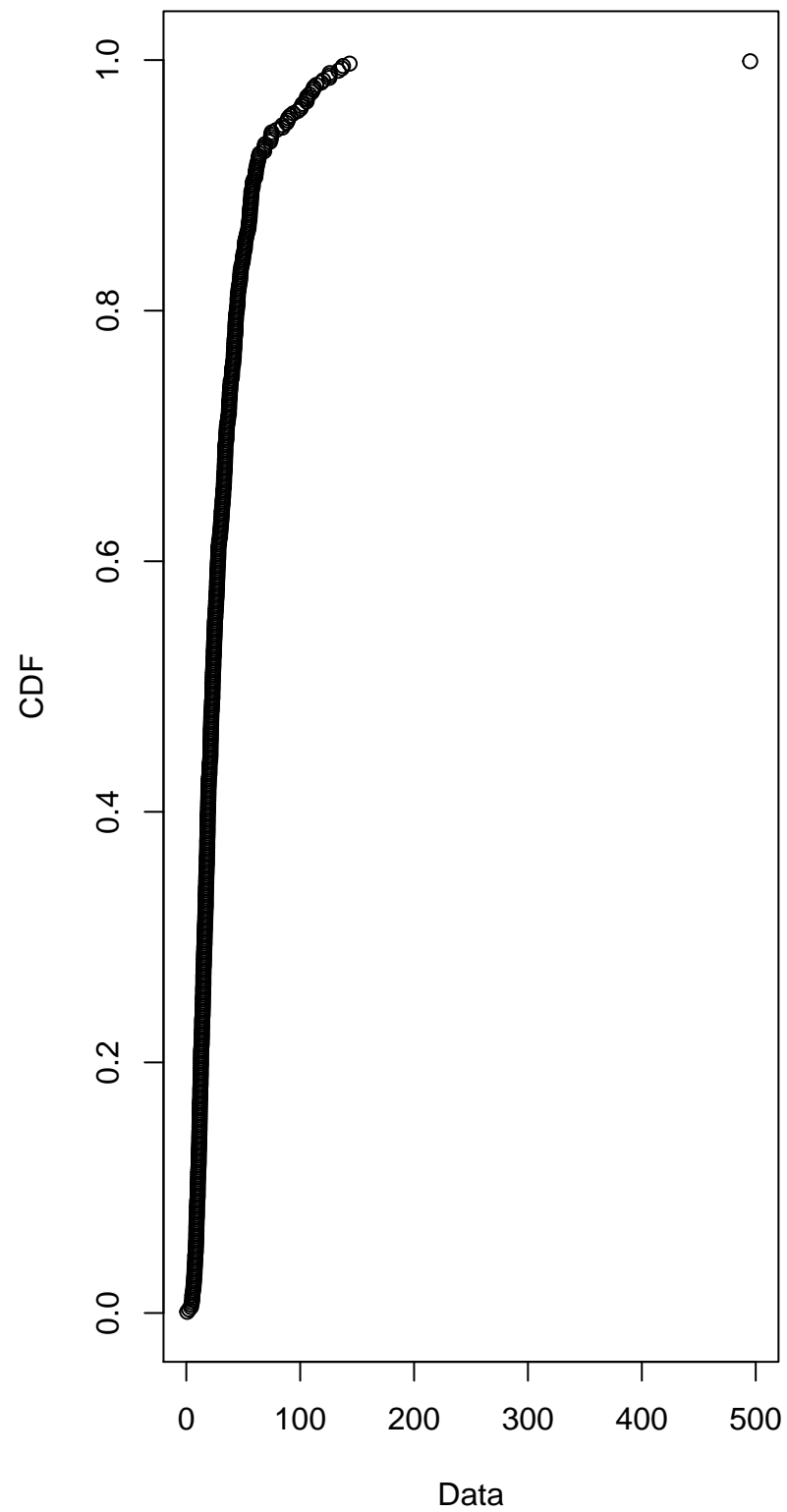
Summary of the variable

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
0.80	14.60	23.10	31.79	40.10	495.15	86

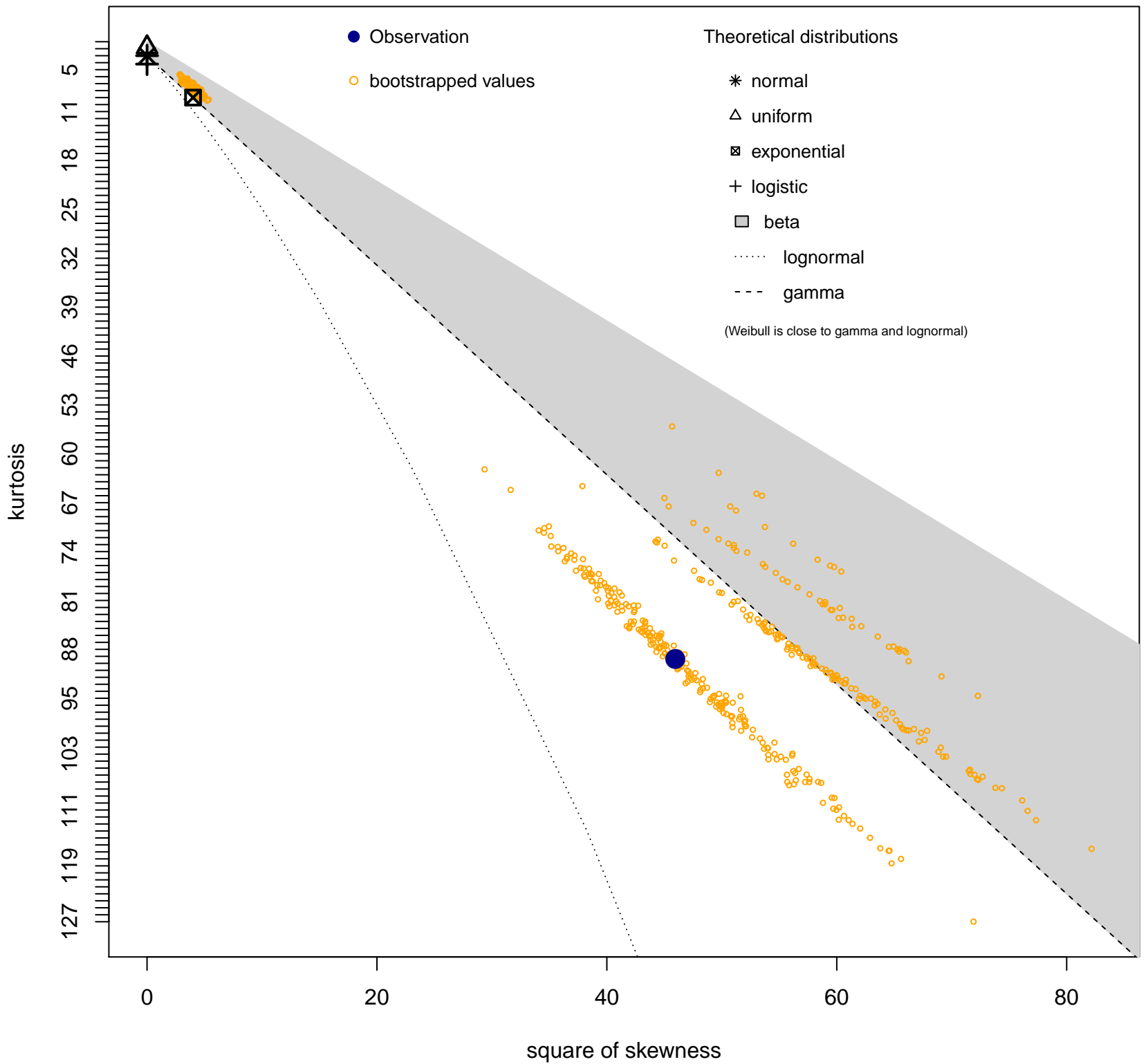
Empirical density



Cumulative distribution



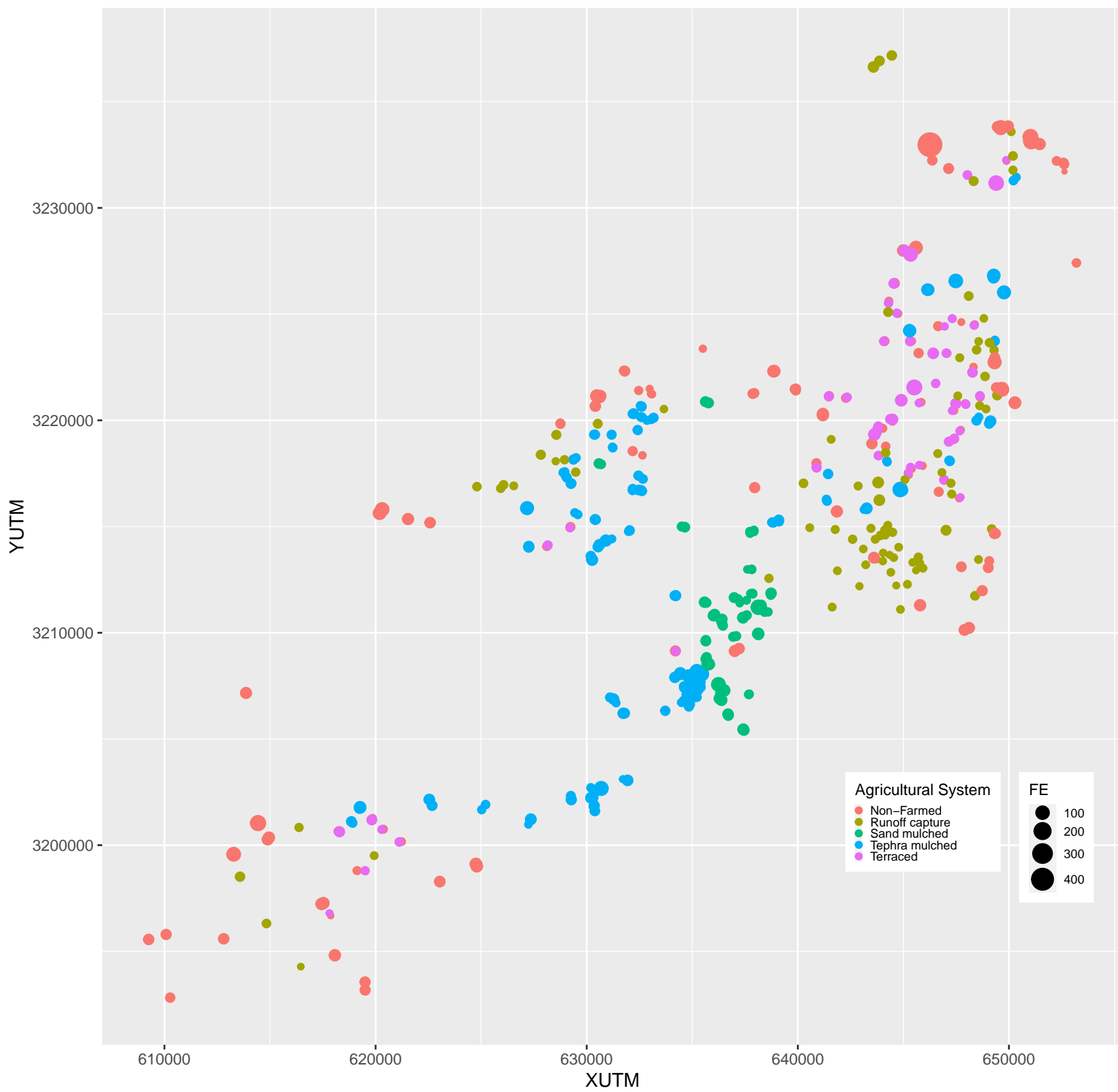
Cullen and Frey graph



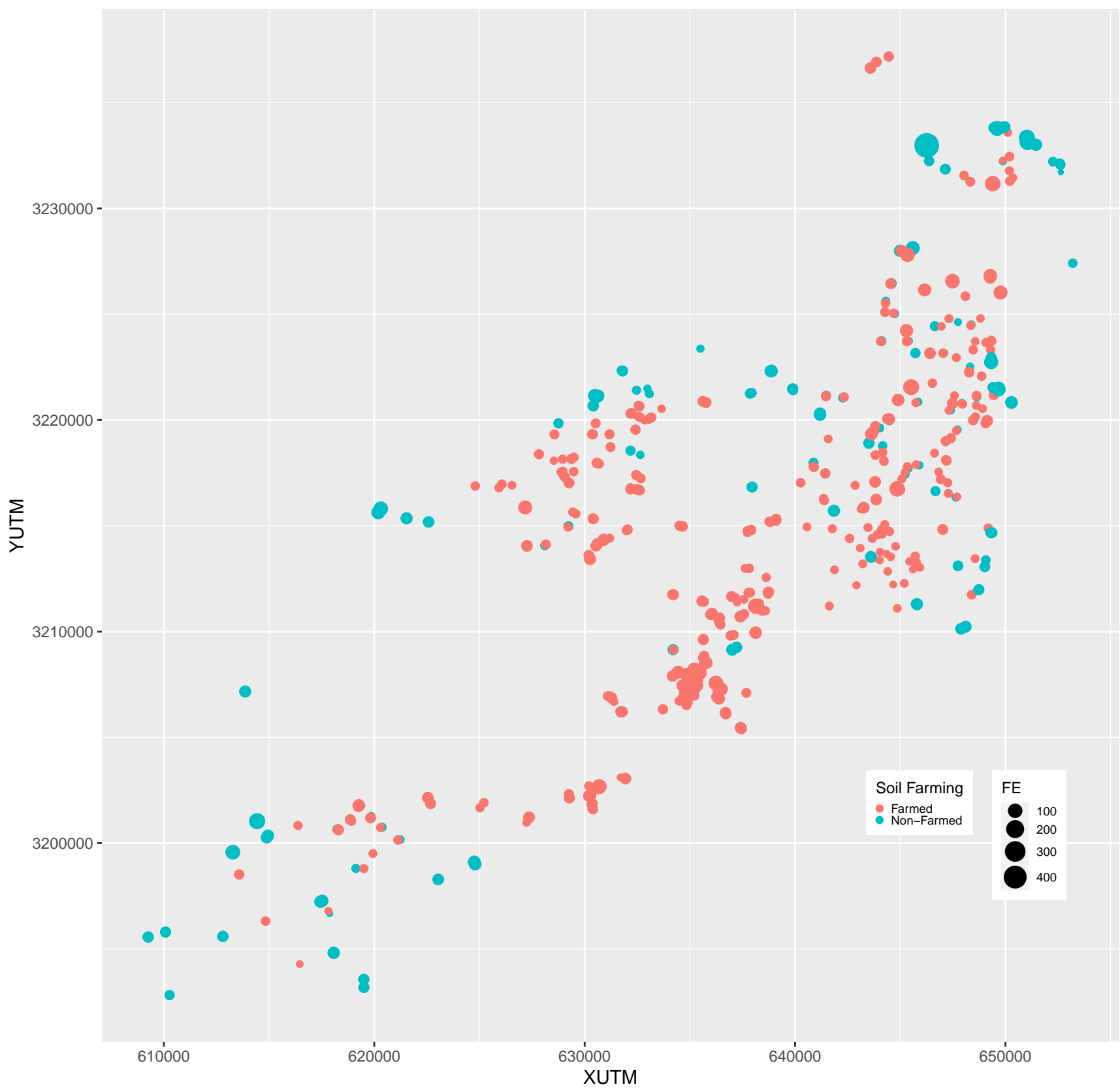
Shapiro–Wilk test for normality

Shapiro–Wilk normality test
data: dataframe[, variable_chr]
W = 0.5912, p-value < 2.2e-16

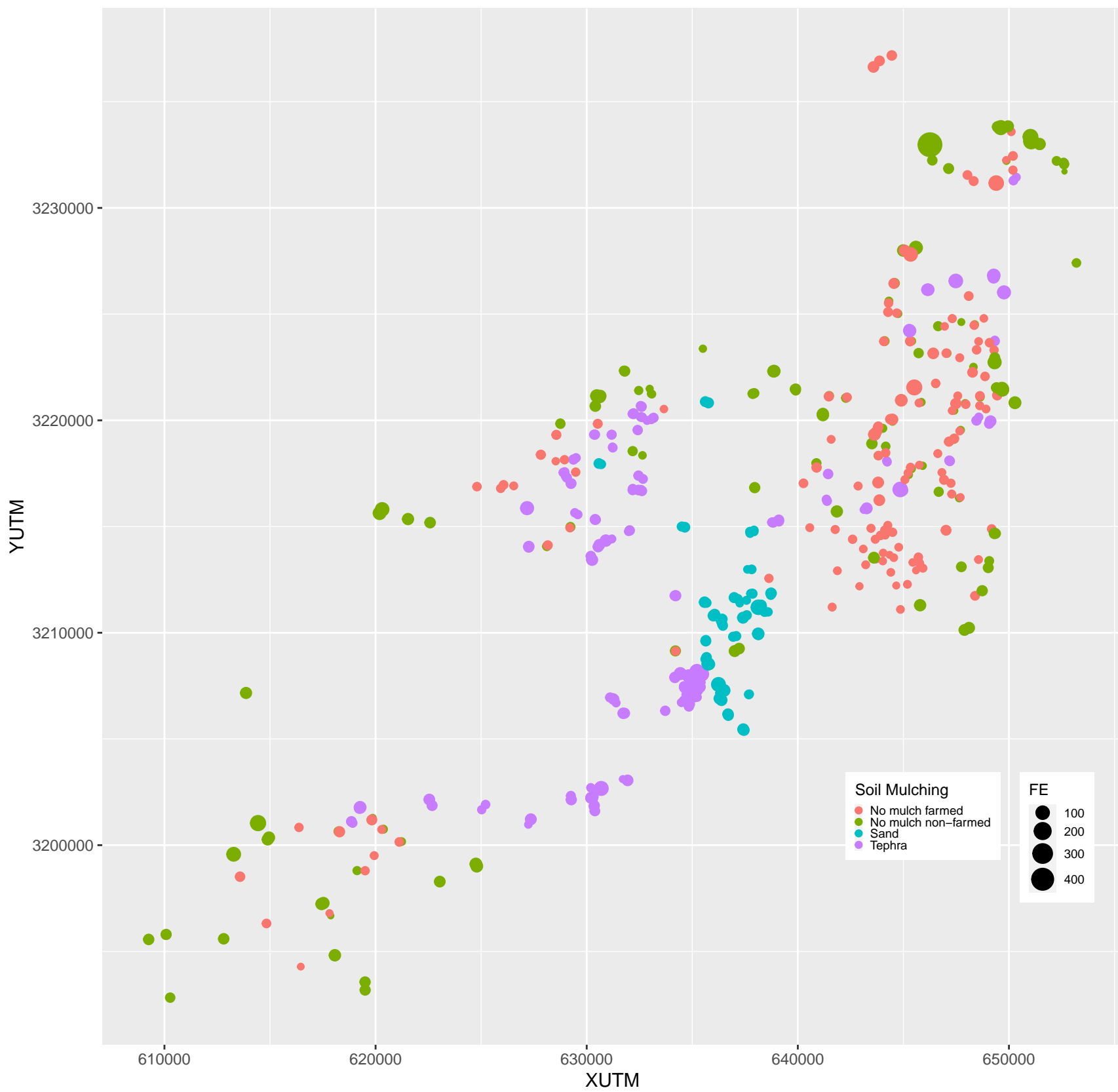
FE according to location and Agricultural System



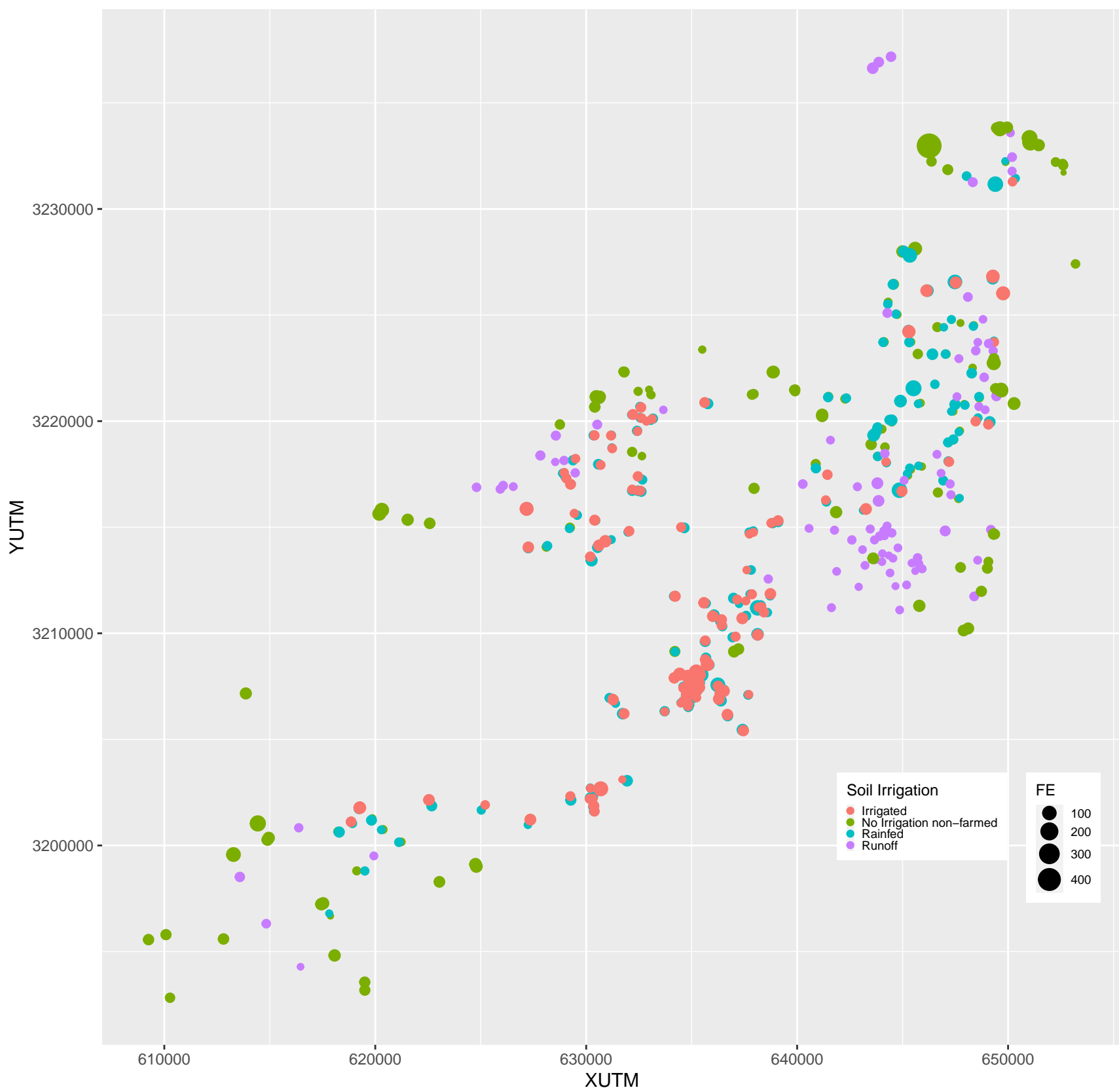
FE according to location and Soil Farming



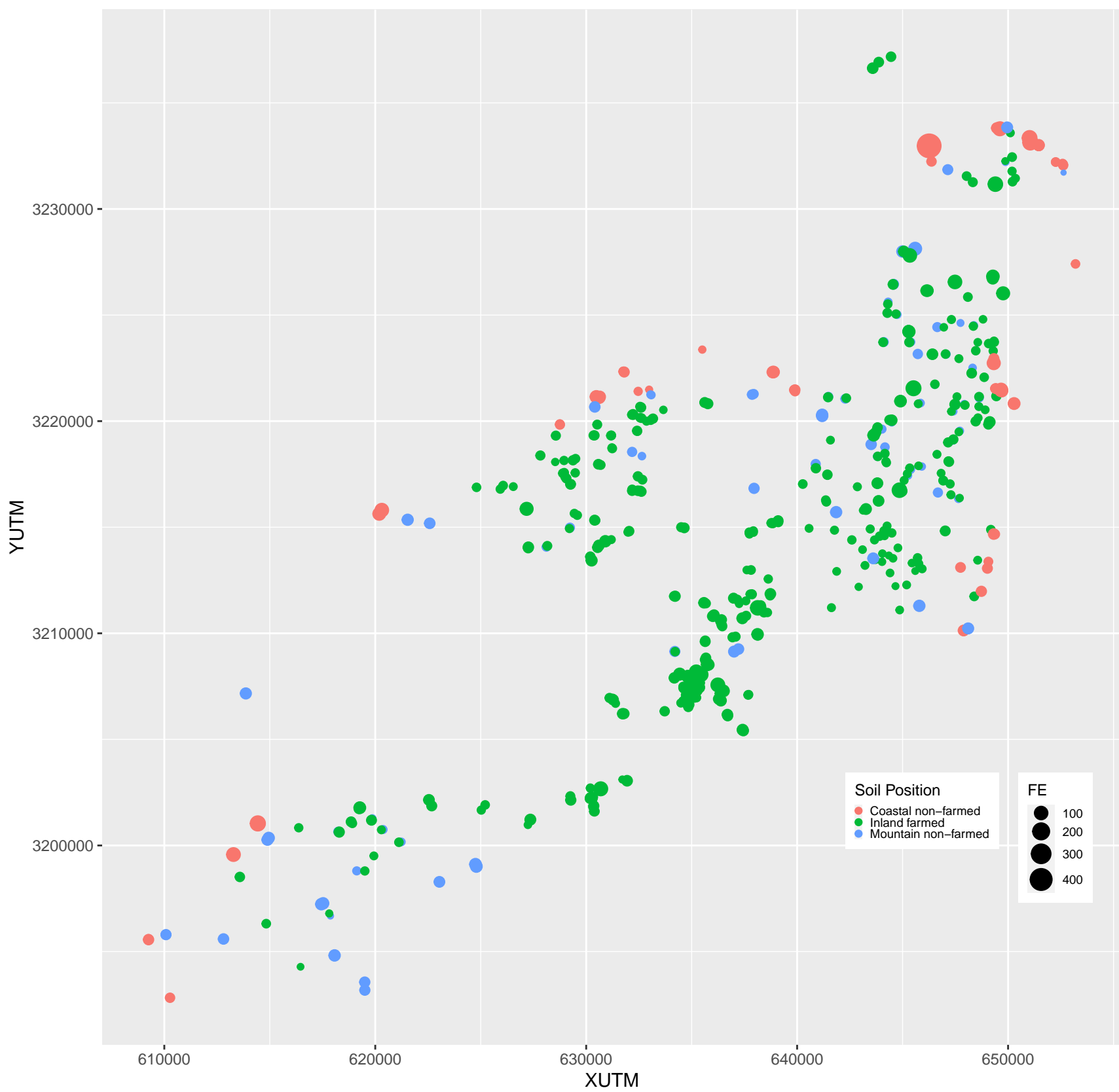
FE according to location and Soil Mulching



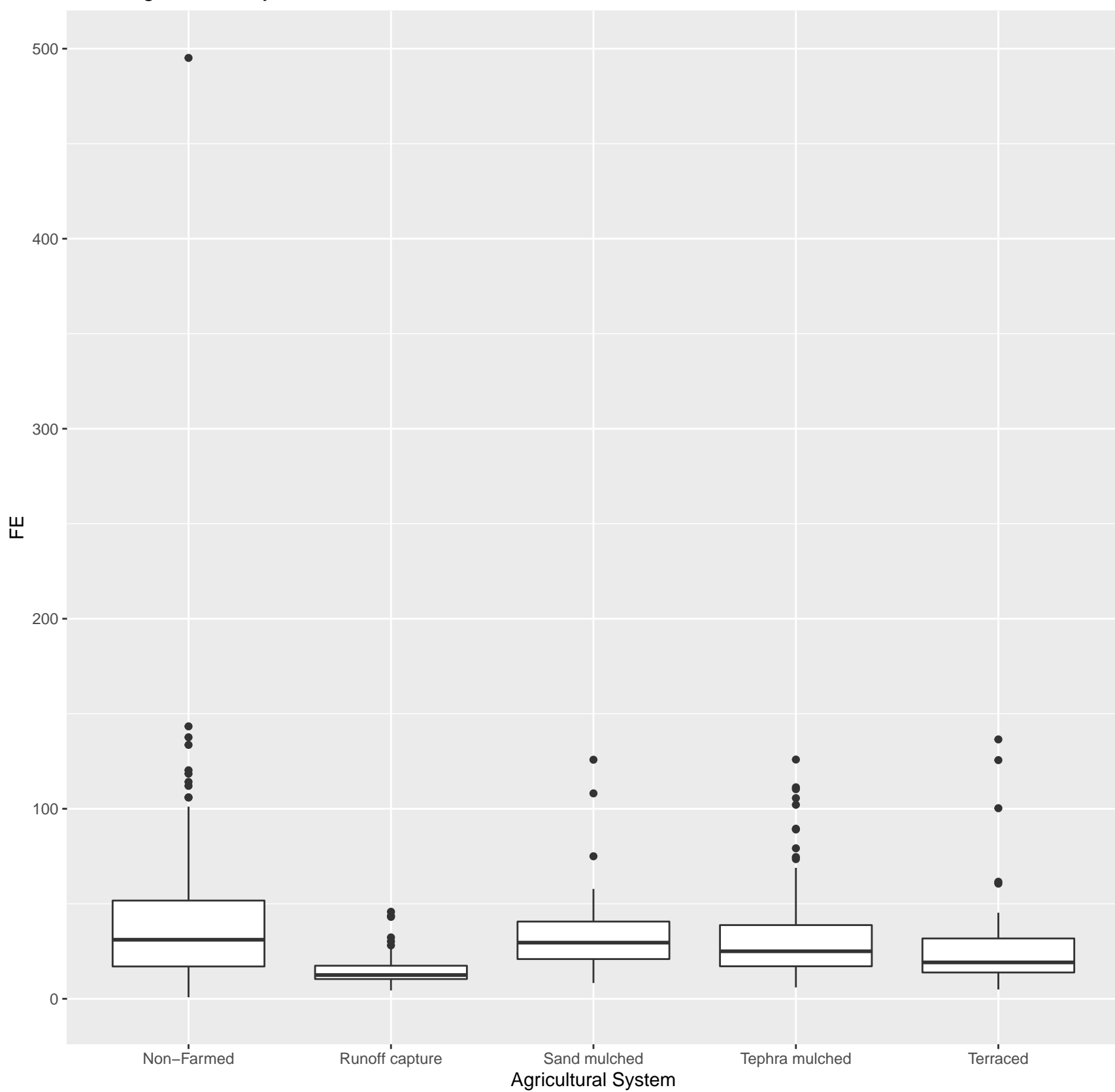
FE according to location and Soil Irrigation



FE according to location and Soil Position



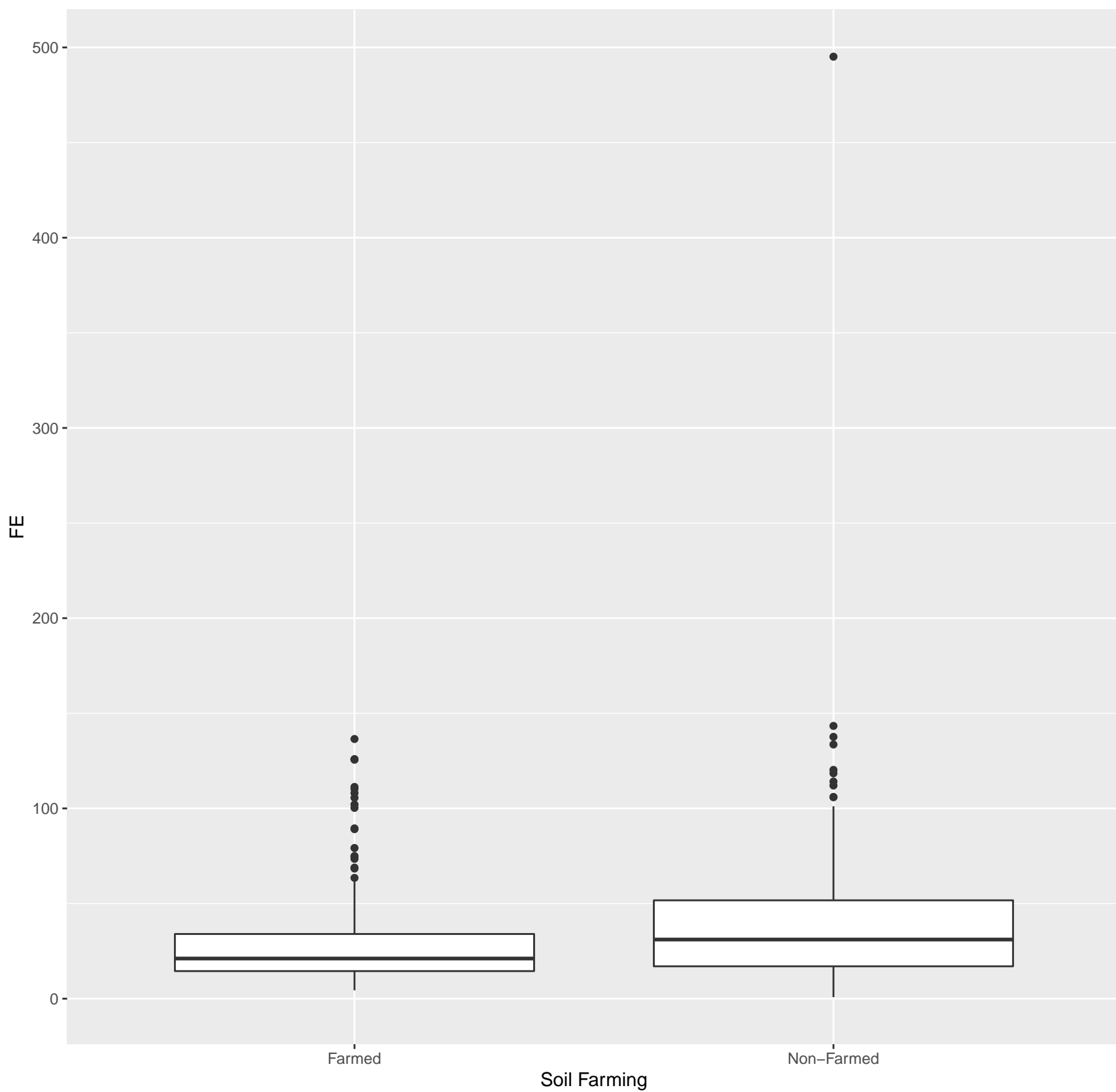
FE to Agricultural System



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	FE	Non-Farmed	Runoff capture	176	83	11438.5	2.01e-13	1.76e-12	****
2	FE	Non-Farmed	Sand mulched	176	60	5496.0	6.37e-01	6.37e-01	ns
3	FE	Non-Farmed	Tephra mulched	176	160	15367.5	1.48e-01	4.44e-01	ns
4	FE	Non-Farmed	Terraced	176	50	5476.5	8.00e-03	4.20e-02	*
5	FE	Runoff capture	Sand mulched	83	60	692.5	1.96e-13	1.76e-12	****
6	FE	Runoff capture	Tephra mulched	83	160	2363.0	1.87e-16	1.87e-15	****
7	FE	Runoff capture	Terraced	83	50	1201.0	4.95e-05	3.46e-04	***
8	FE	Sand mulched	Tephra mulched	60	160	5270.0	2.64e-01	5.28e-01	ns
9	FE	Sand mulched	Terraced	60	50	1965.5	5.00e-03	3.20e-02	*
10	FE	Tephra mulched	Terraced	160	50	4846.0	2.40e-02	9.70e-02	ns

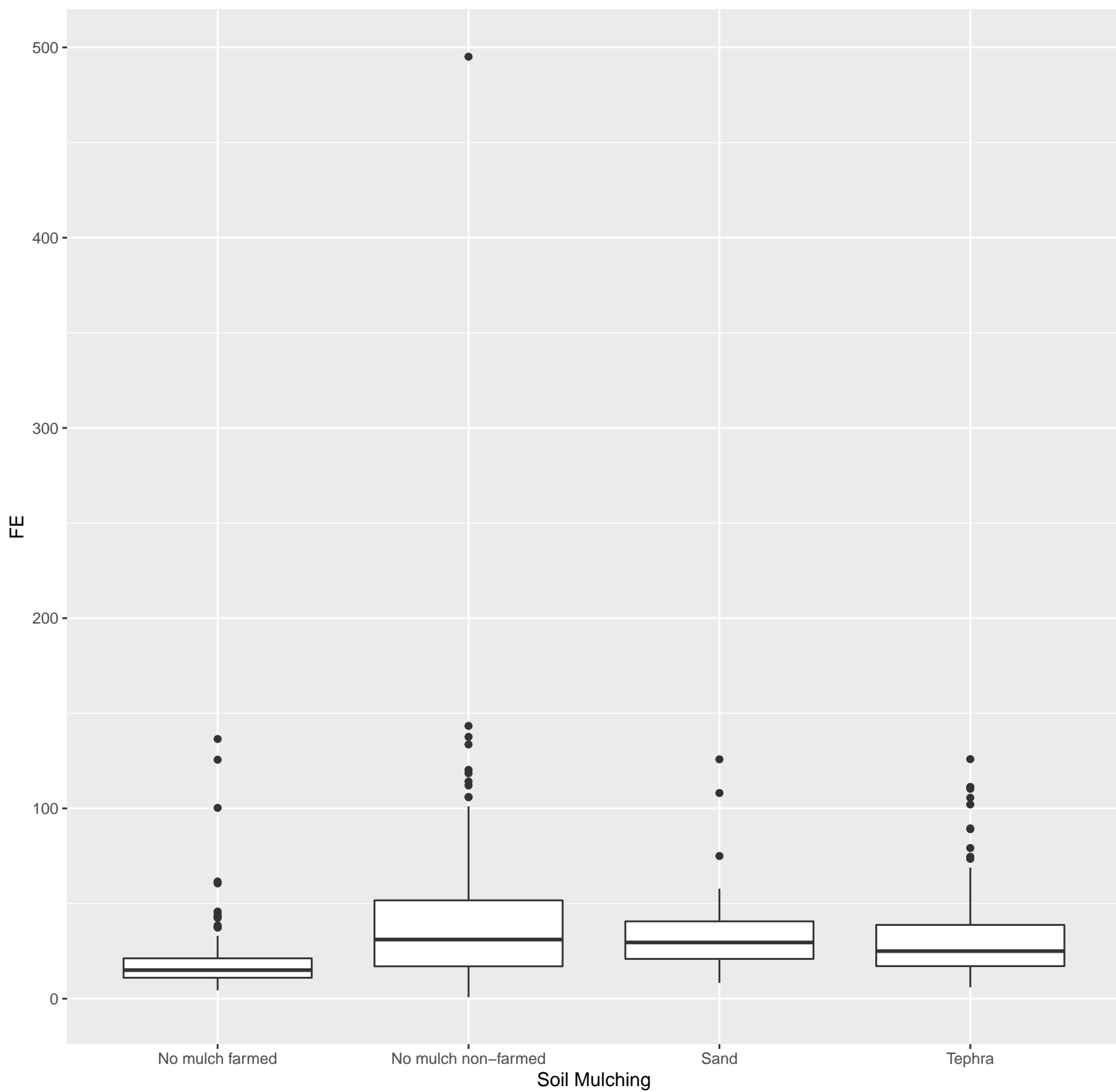
FE to Soil Farming



Wilcoxon test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p
1	FE	Farmed	Non-Farmed	353	176	24349.5	5.05e-05

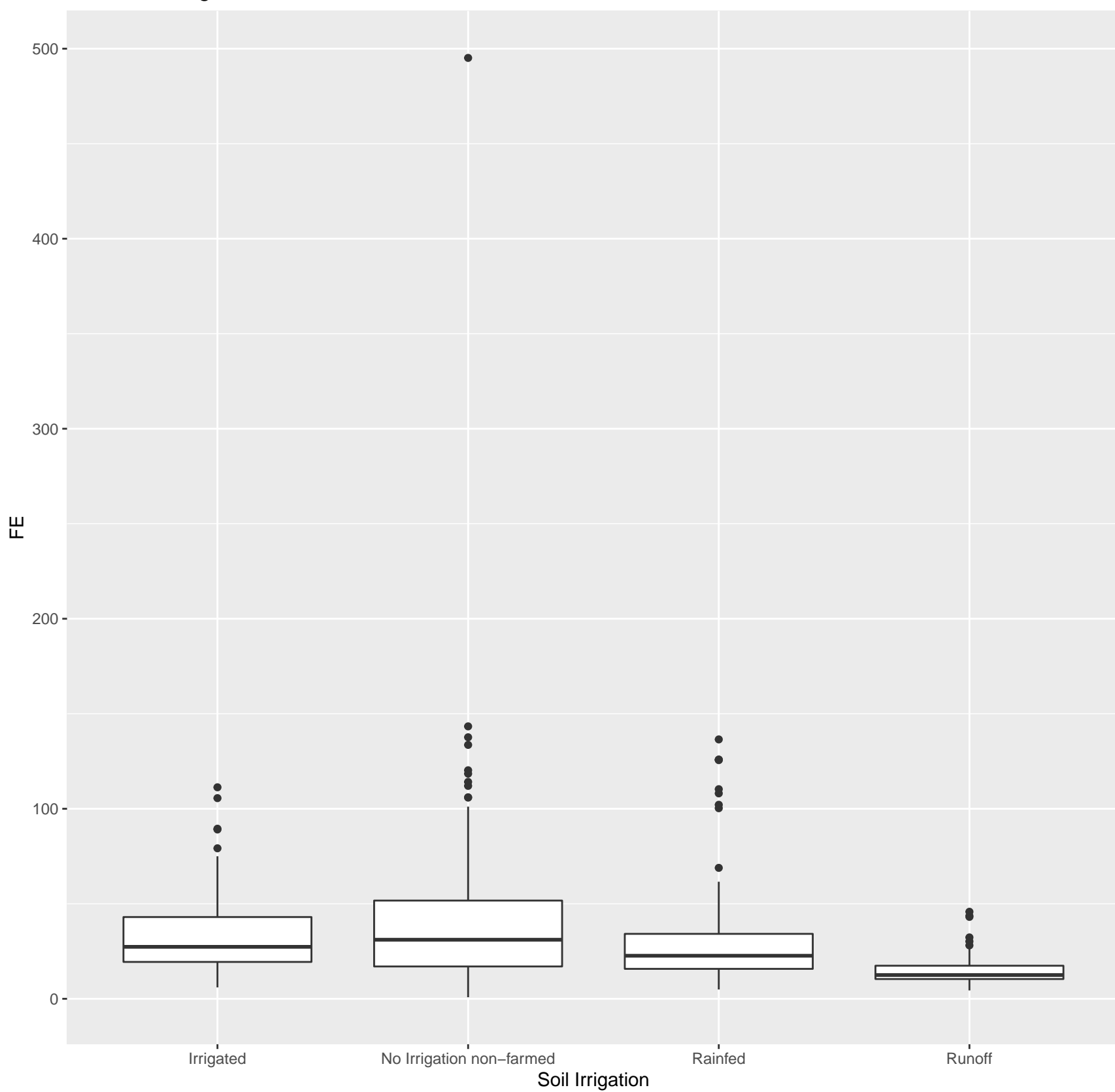
FE to Soil Mulching



Wilcox test for mean comparison

.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1 FE	No mulch farmed	No mulch non-farmed	133	176	6493.0	2.08e-11	1.04e-10	****
2 FE	No mulch farmed	Sand	133	60	1727.0	2.99e-10	1.20e-09	****
3 FE	No mulch farmed	Tephra	133	160	5517.0	1.30e-12	7.80e-12	****
4 FE	No mulch non-farmed	Sand	176	60	5496.0	6.37e-01	6.37e-01	ns
5 FE	No mulch non-farmed	Tephra	176	160	15367.5	1.48e-01	4.44e-01	ns
6 FE	Sand	Tephra	60	160	5270.0	2.64e-01	5.28e-01	ns

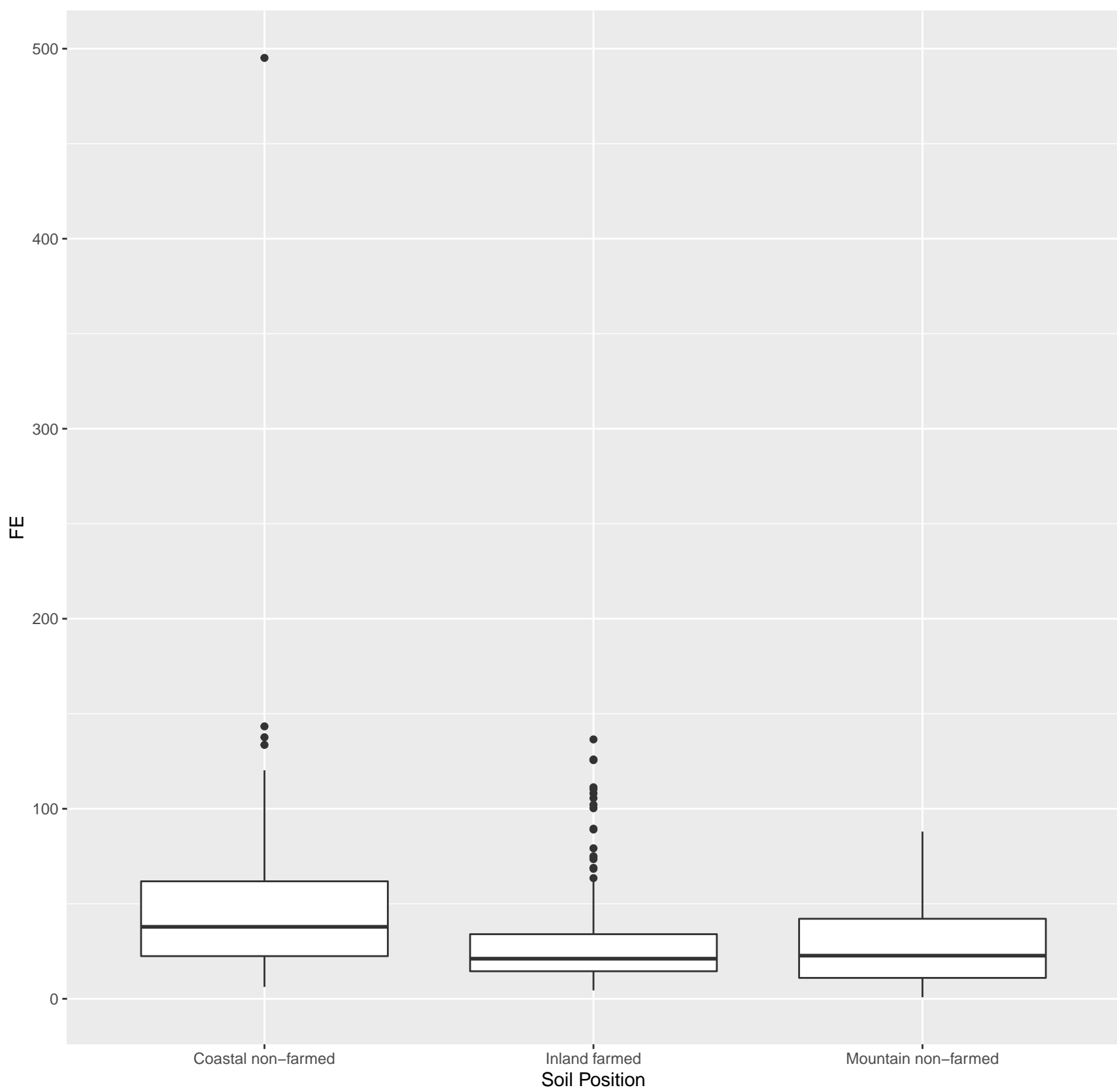
FE to Soil Irrigation



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	FE	Irrigated	No Irrigation non-farmed	110	176	9517.0	8.11e-01	8.11e-01	ns
2	FE	Irrigated	Rainfed	110	160	10585.0	5.00e-03	1.40e-02	*
3	FE	Irrigated	Runoff	110	83	7801.5	3.67e-17	2.20e-16	****
4	FE	No Irrigation non-farmed	Rainfed	176	160	16497.0	7.00e-03	1.40e-02	*
5	FE	No Irrigation non-farmed	Runoff	176	83	11438.5	2.01e-13	1.00e-12	****
6	FE	Rainfed	Runoff	160	83	10352.0	9.16e-13	3.66e-12	****

FE to Soil Position



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	FE	Coastal non-farmed	Inland farmed	90	353	22917.0	8.85e-11	2.66e-10	****
2	FE	Coastal non-farmed	Mountain non-farmed	90	86	5411.0	5.13e-06	1.03e-05	****
3	FE	Inland farmed	Mountain non-farmed	353	86	15496.5	7.64e-01	7.64e-01	ns