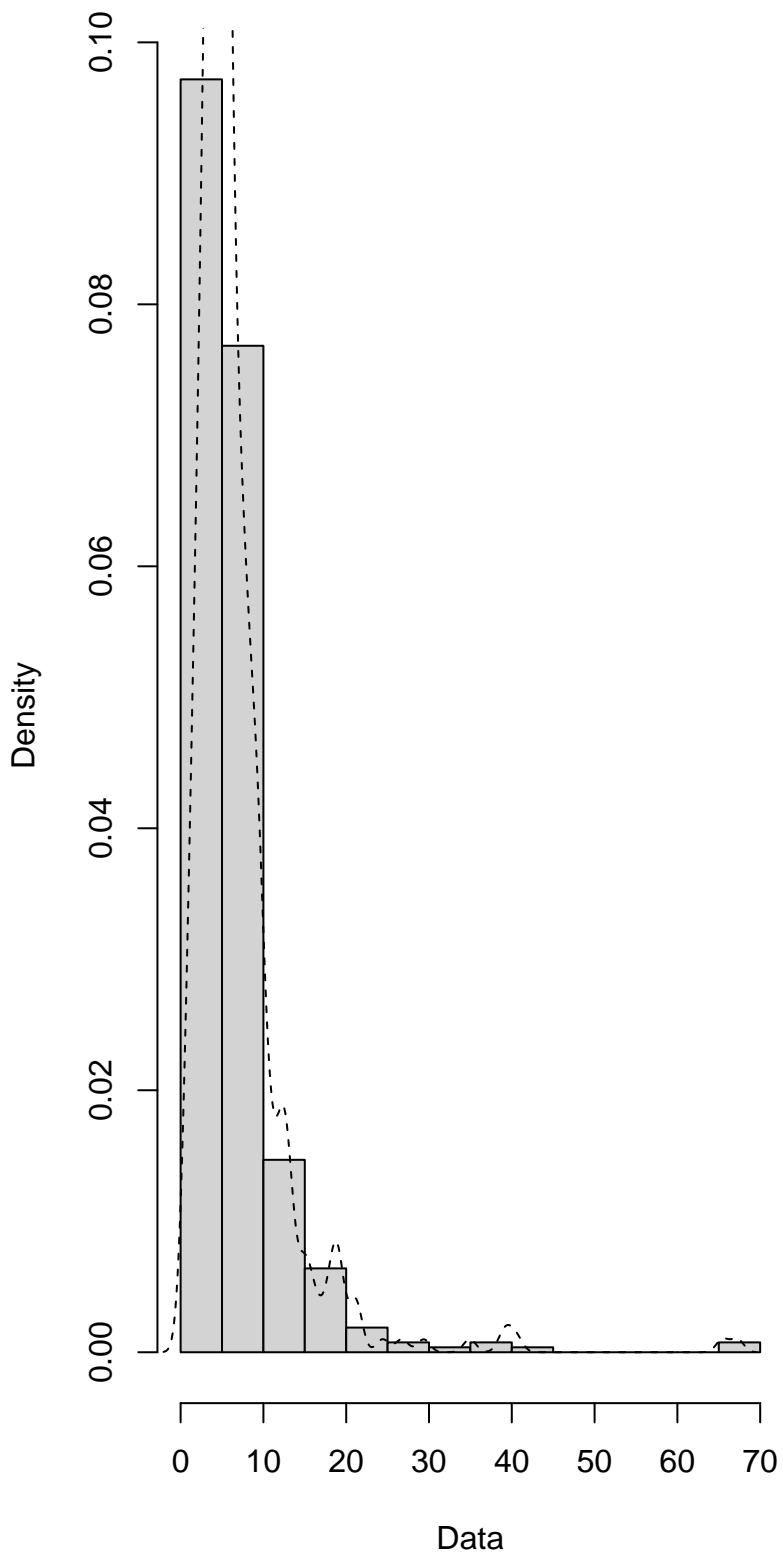


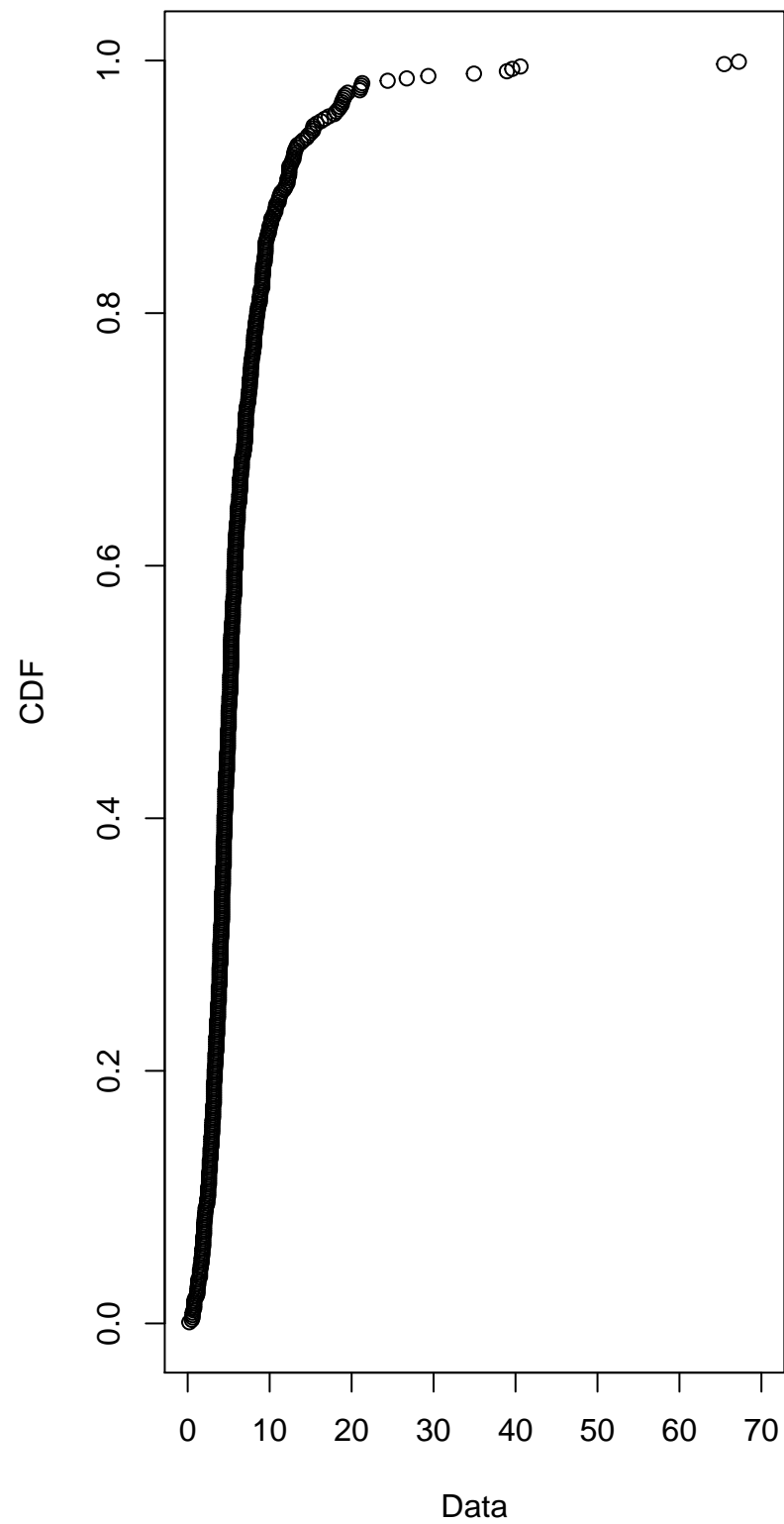
Summary of the variable

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
0.200	3.700	5.200	6.621	7.650	67.244	84

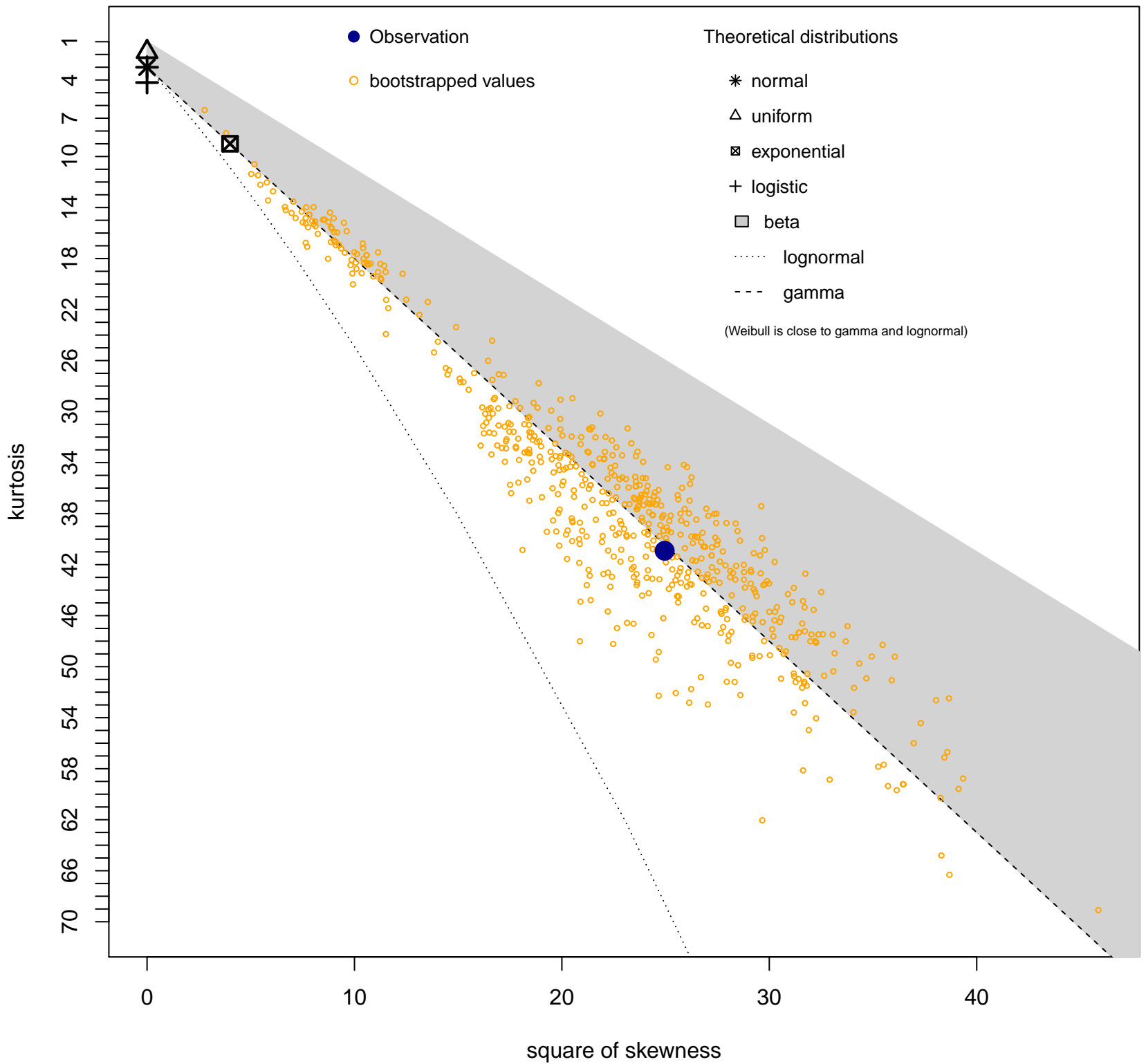
Empirical density



Cumulative distribution



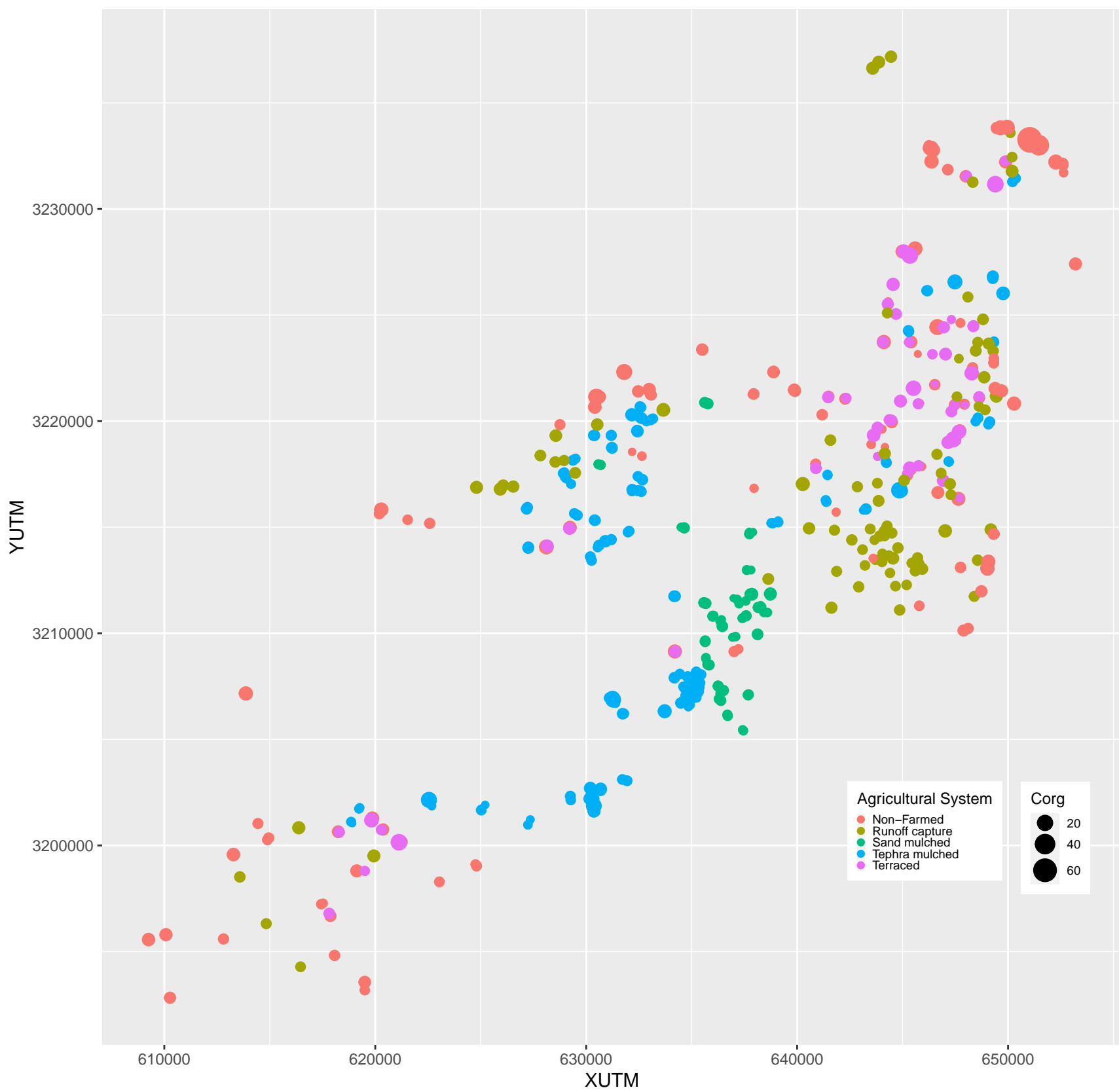
Cullen and Frey graph



Shapiro–Wilk test for normality

Shapiro–Wilk normality test
data: dataframe[, variable_chr]
W = 0.59913, p-value < 2.2e-16

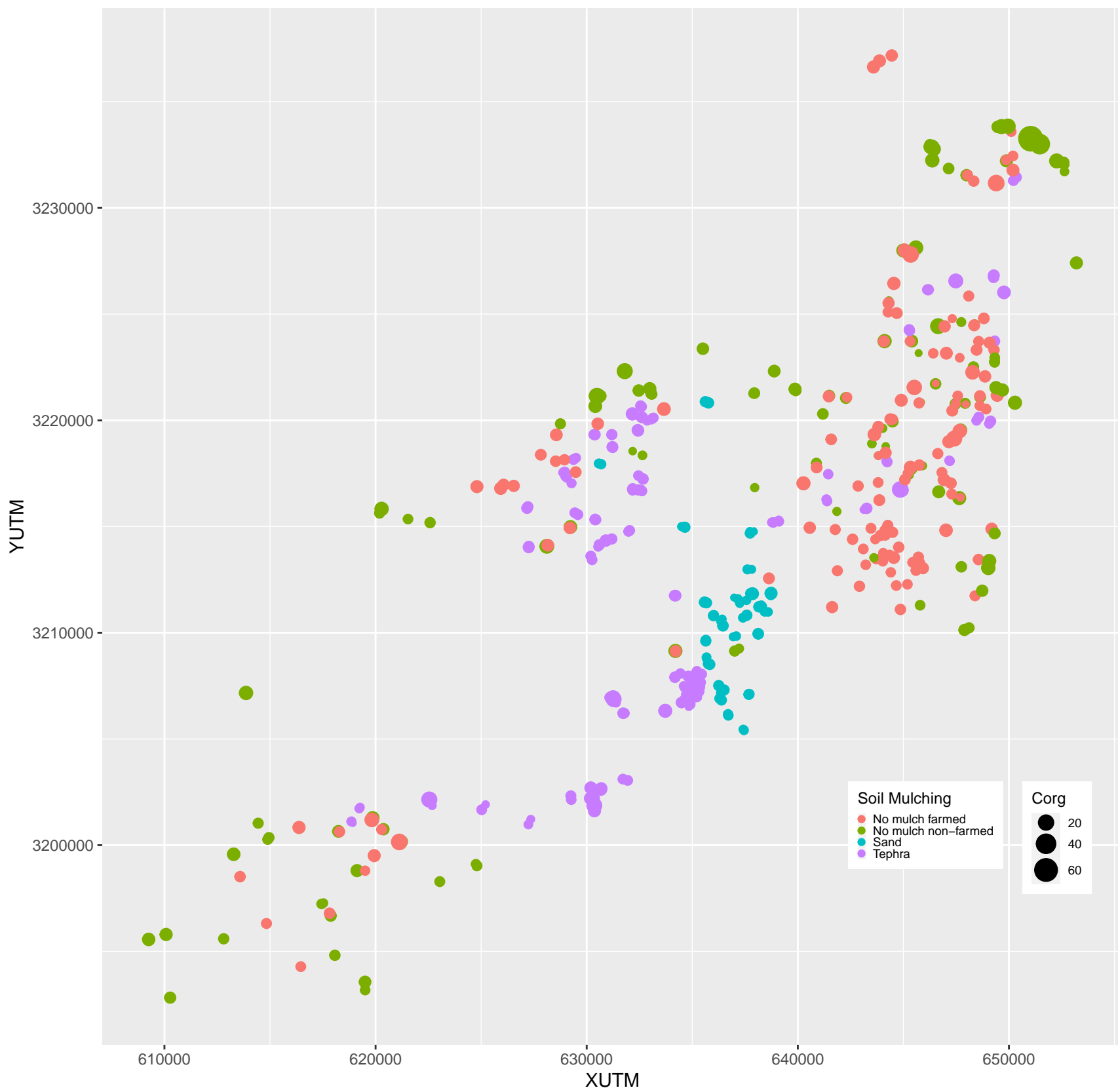
Corg according to location and Agricultural System



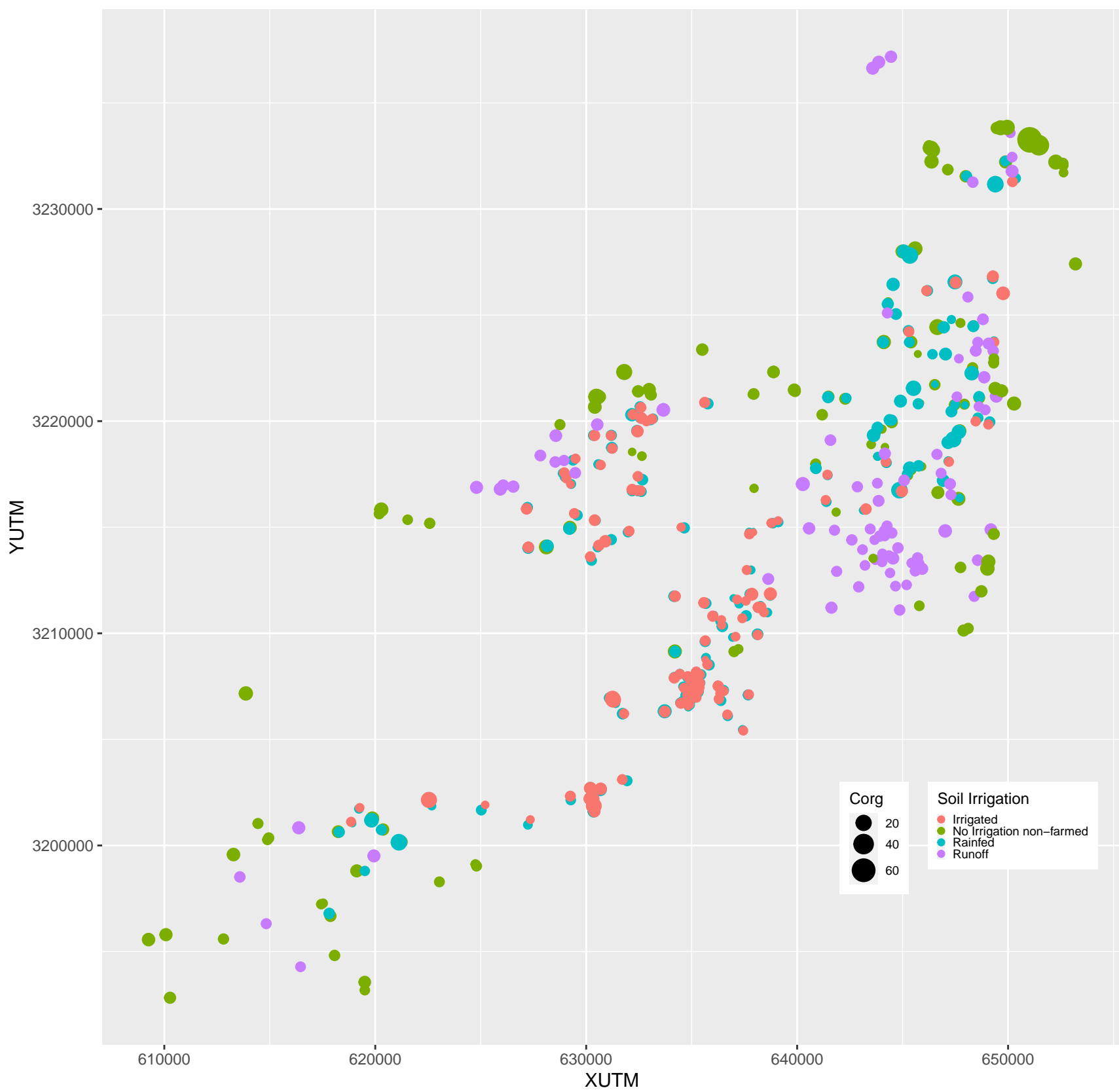
Corg according to location and Soil Farming



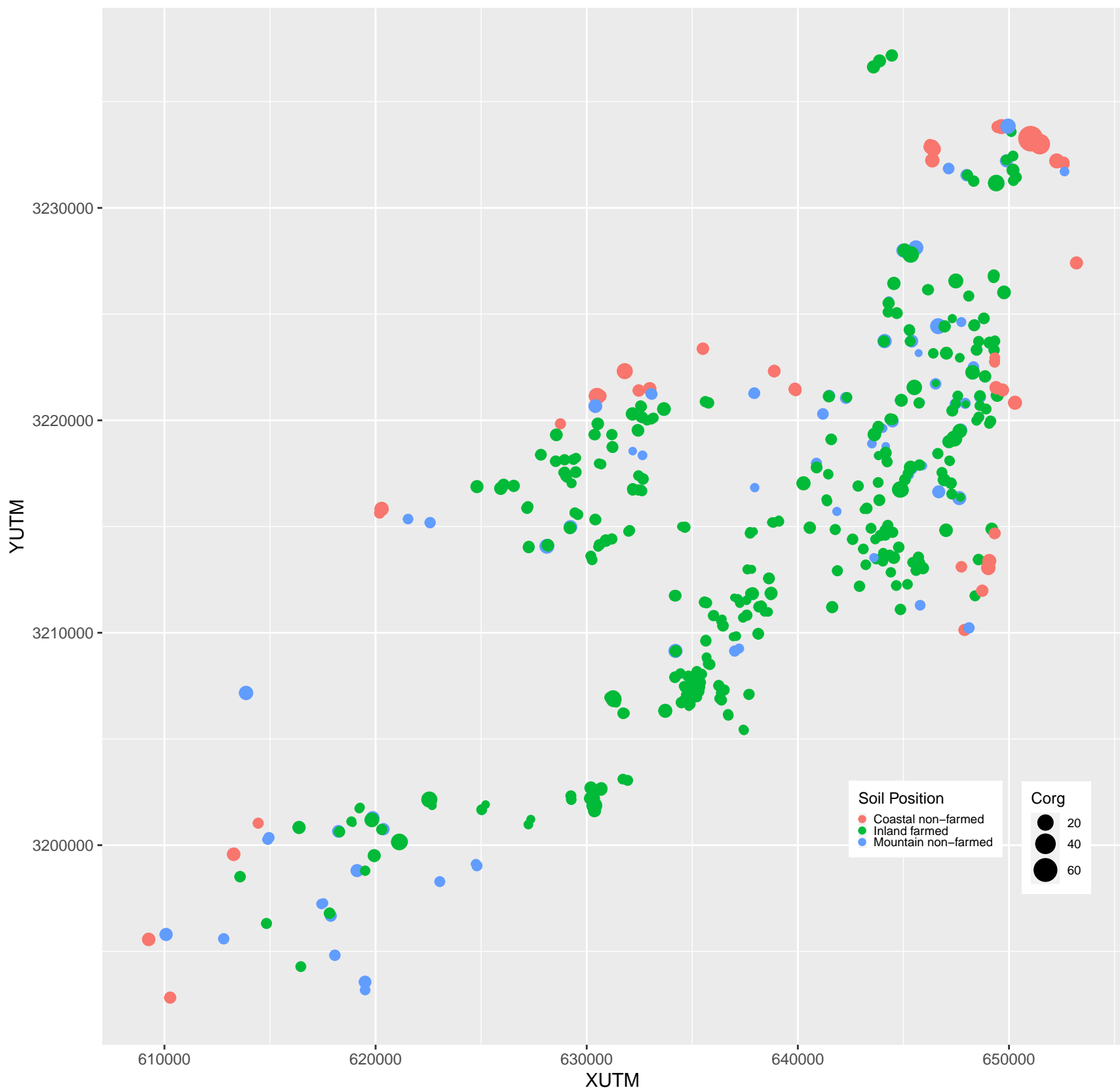
Corg according to location and Soil Mulching



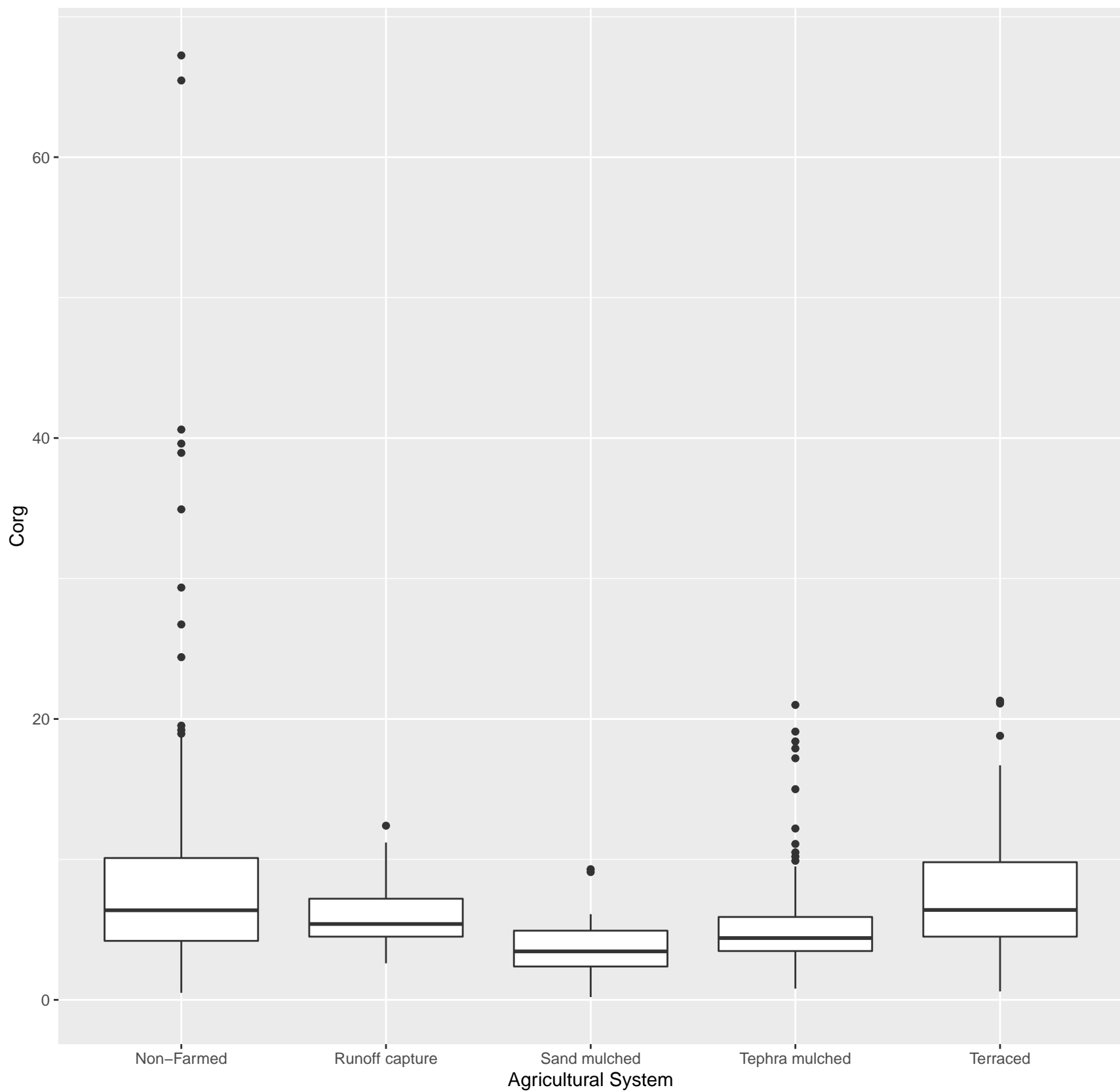
Corg according to location and Soil Irrigation



Corg according to location and Soil Position



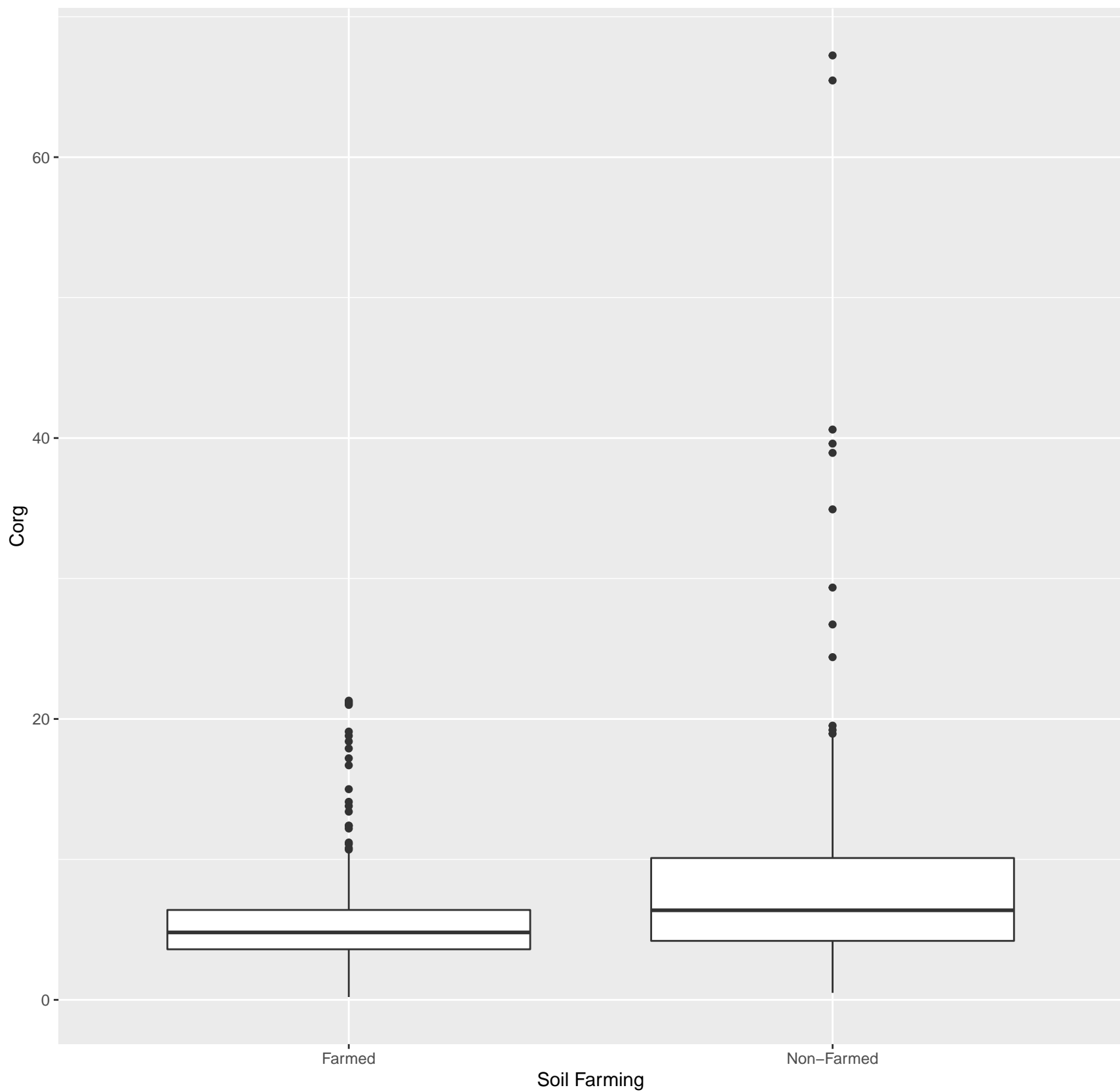
Corg to Agricultural System



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	Corg	Non-Farmed	Runoff capture	178	83	8430.0	6.60e-02	1.99e-01	ns
2	Corg	Non-Farmed	Sand mulched	178	60	8354.5	6.35e-11	5.72e-10	****
3	Corg	Non-Farmed	Tephra mulched	178	160	18757.5	4.75e-07	3.32e-06	****
4	Corg	Non-Farmed	Terraced	178	50	4398.5	9.02e-01	9.02e-01	ns
5	Corg	Runoff capture	Sand mulched	83	60	4108.5	3.59e-11	3.59e-10	****
6	Corg	Runoff capture	Tephra mulched	83	160	8785.0	3.66e-05	1.83e-04	***
7	Corg	Runoff capture	Terraced	83	50	1700.5	8.20e-02	1.99e-01	ns
8	Corg	Sand mulched	Tephra mulched	60	160	3036.5	2.74e-05	1.64e-04	***
9	Corg	Sand mulched	Terraced	60	50	567.0	2.16e-08	1.73e-07	****
10	Corg	Tephra mulched	Terraced	160	50	2513.5	7.41e-05	2.96e-04	***

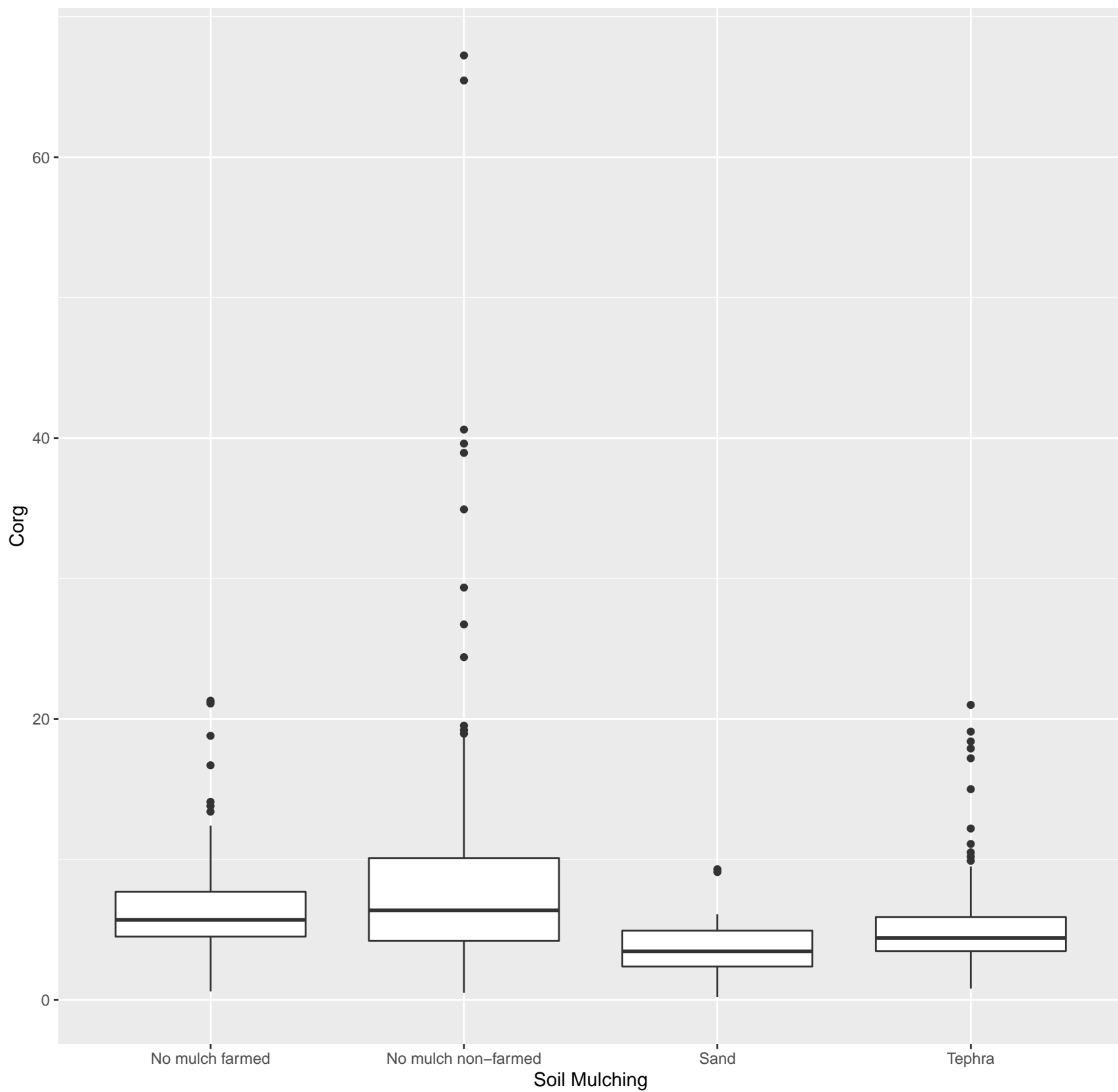
Corg to Soil Farming



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p
1	Corg	Farmed	Non-Farmed	353	178	22893.5	3.28e-07

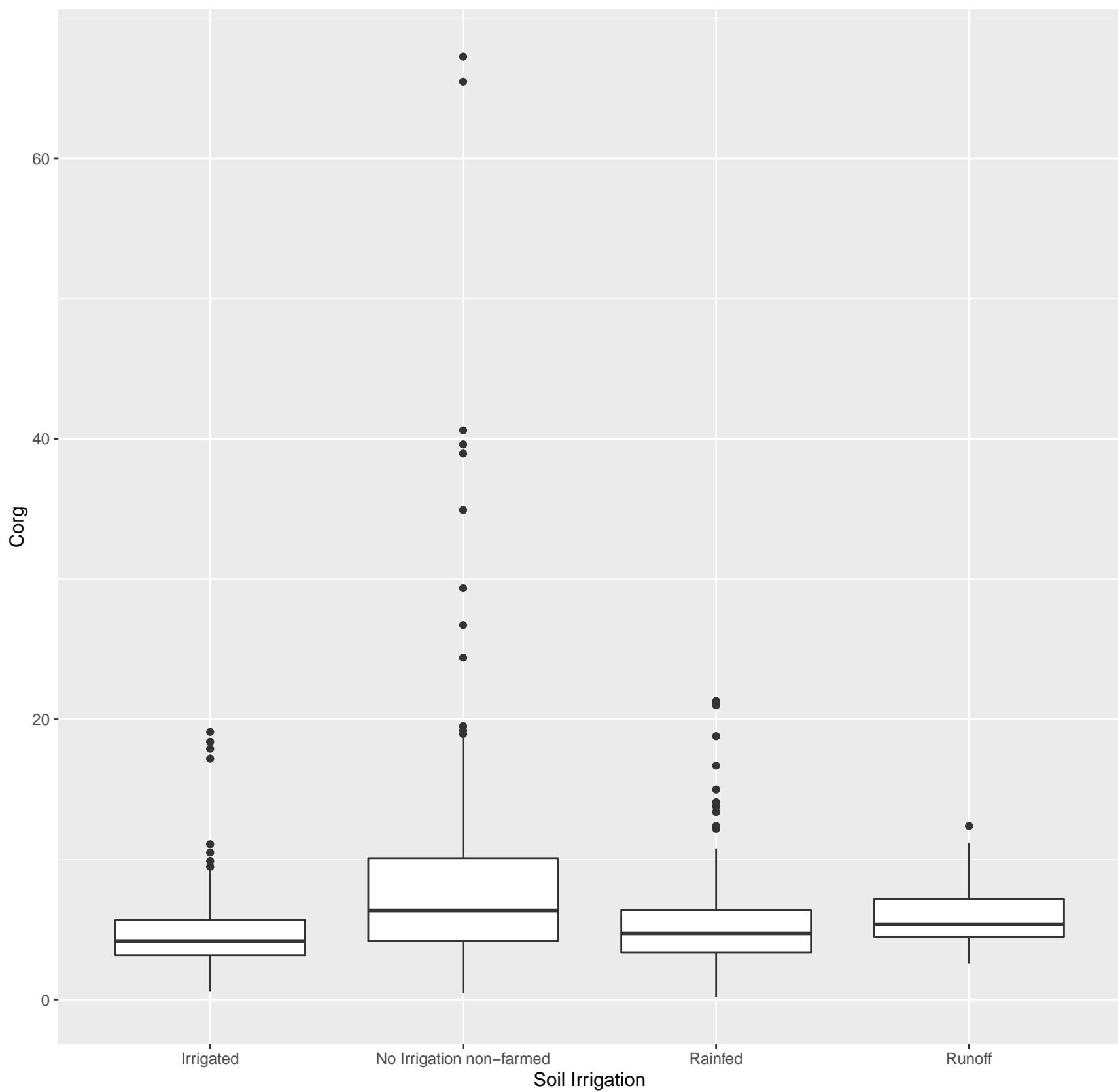
Corg to Soil Mulching



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	Corg	No mulch farmed	No mulch non-farmed	133	178	10845.5	2.07e-01	2.07e-01	ns
2	Corg	No mulch farmed	Sand	133	60	6541.5	1.22e-12	7.32e-12	****
3	Corg	No mulch farmed	Tephra	133	160	14271.5	4.92e-07	1.90e-06	****
4	Corg	No mulch non-farmed	Sand	178	60	8354.5	6.35e-11	3.18e-10	****
5	Corg	No mulch non-farmed	Tephra	178	160	18757.5	4.75e-07	1.90e-06	****
6	Corg	Sand	Tephra	60	160	3036.5	2.74e-05	5.48e-05	****

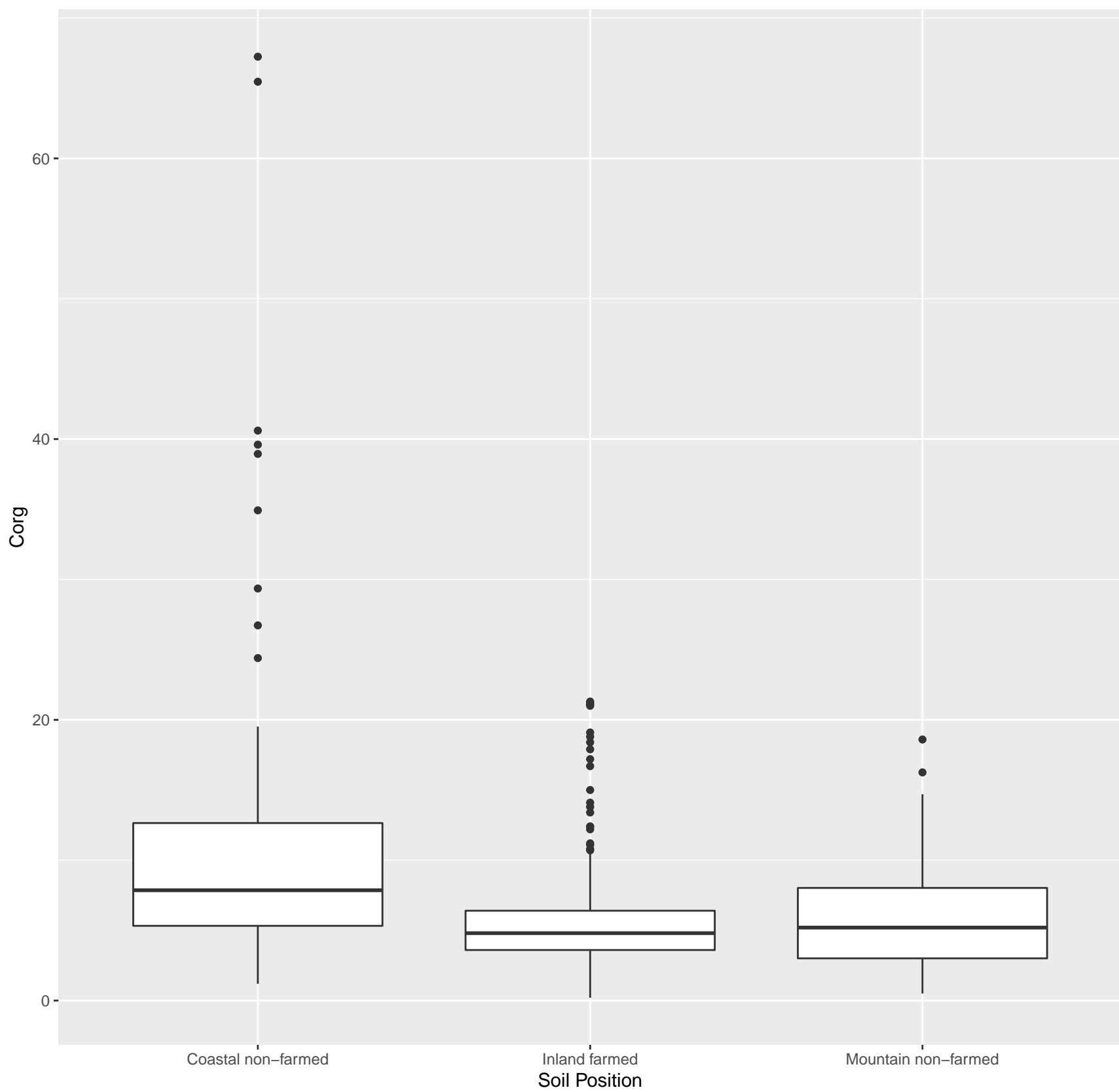
Corg to Soil Irrigation



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	Corg	Irrigated	No Irrigation non-farmed	110	178	6264.5	2.85e-07	1.71e-06	****
2	Corg	Irrigated	Rainfed	110	160	7883.0	1.46e-01	1.46e-01	ns
3	Corg	Irrigated	Runoff	110	83	2775.0	3.18e-06	1.59e-05	****
4	Corg	No Irrigation non-farmed	Rainfed	178	160	18195.0	1.04e-05	4.16e-05	****
5	Corg	No Irrigation non-farmed	Runoff	178	83	8430.0	6.60e-02	1.33e-01	ns
6	Corg	Rainfed	Runoff	160	83	5041.0	2.00e-03	6.00e-03	**

Corg to Soil Position



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	Corg	Coastal non-farmed	Inland farmed	92	353	24087.0	9.05e-13	2.72e-12	****
2	Corg	Coastal non-farmed	Mountain non-farmed	92	86	5545.0	3.77e-06	7.54e-06	****
3	Corg	Inland farmed	Mountain non-farmed	353	86	14504.5	5.23e-01	5.23e-01	ns