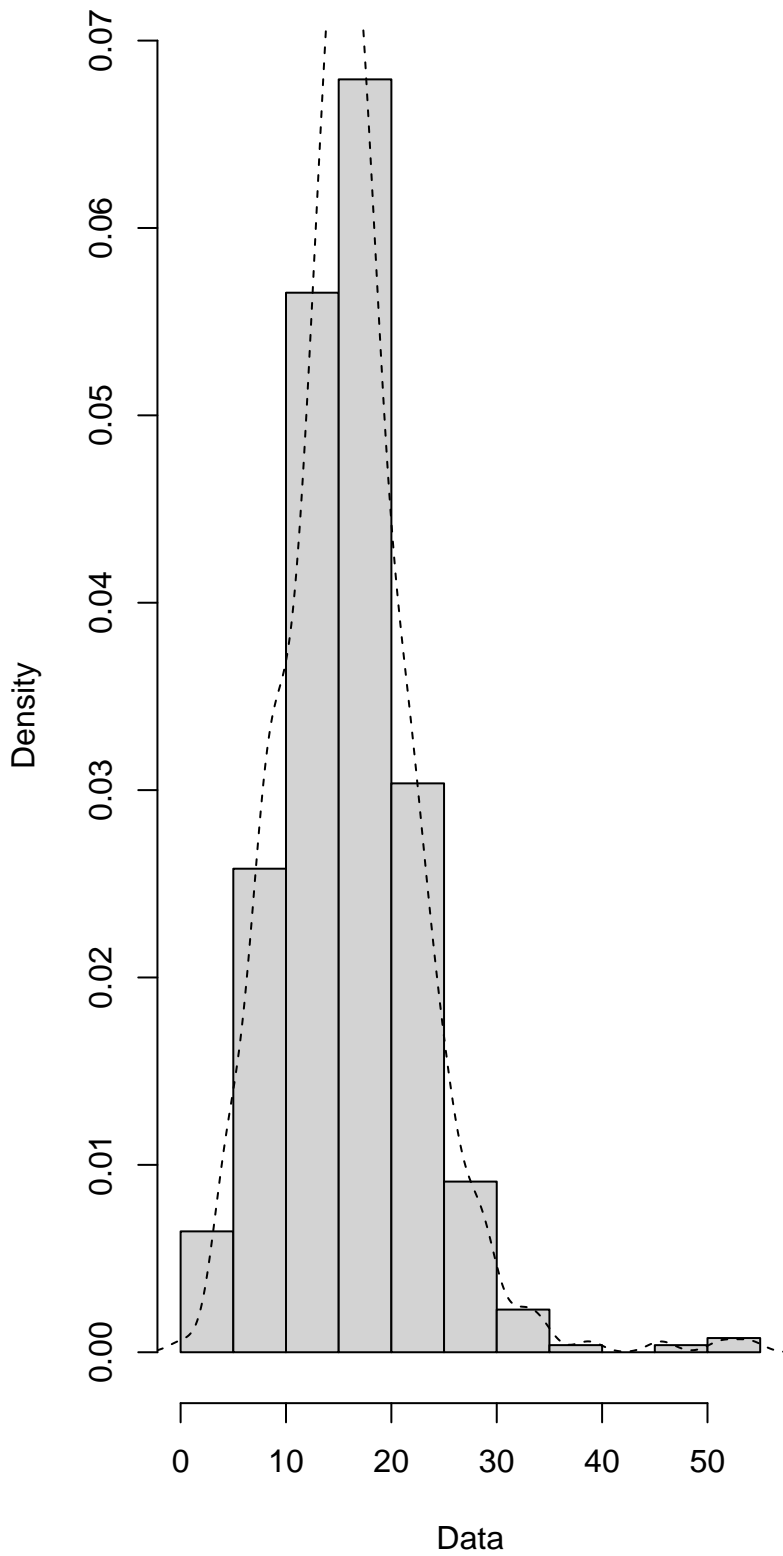


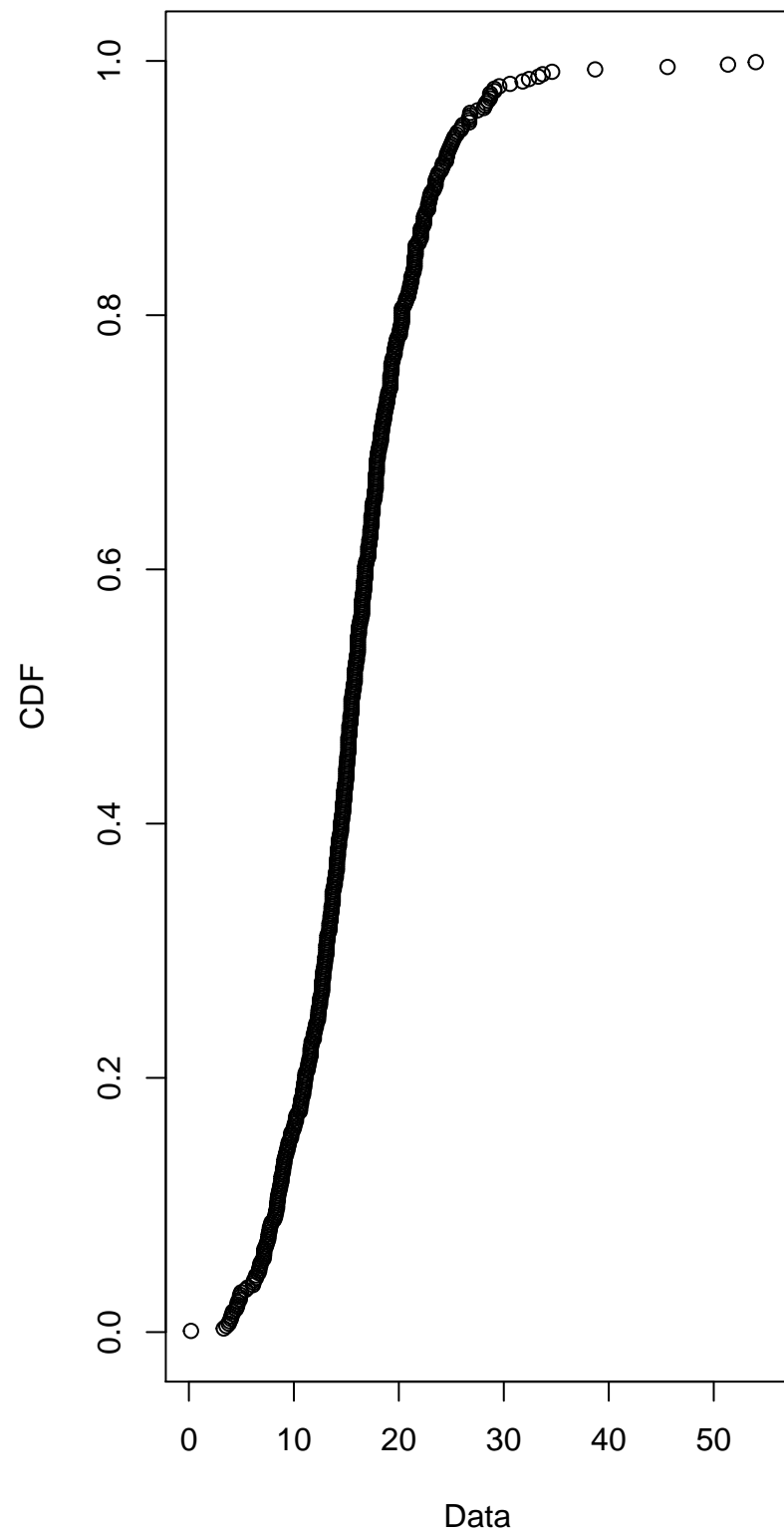
Summary of the variable

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
0.20	12.34	15.60	16.00	19.20	54.00	88

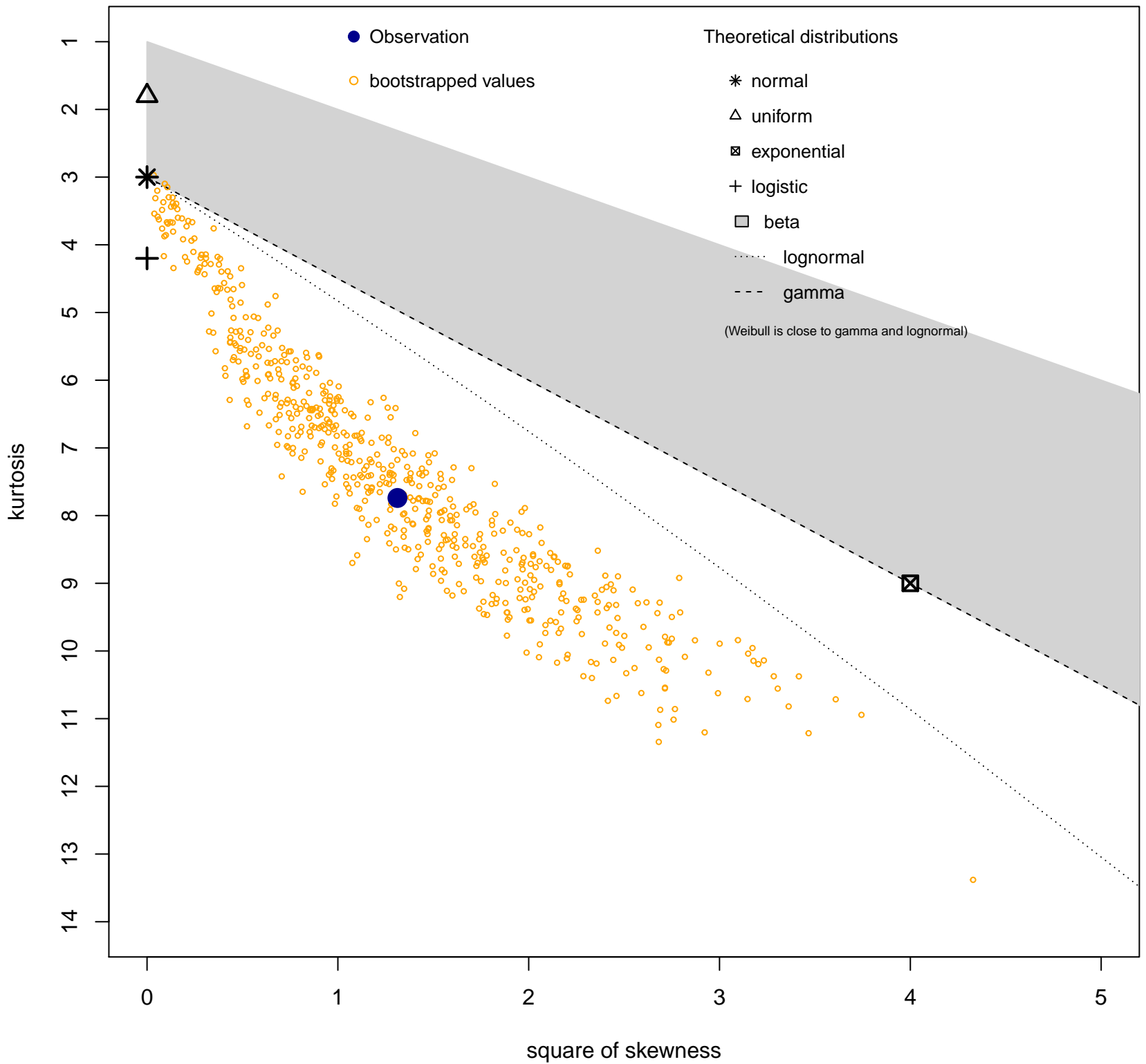
Empirical density



Cumulative distribution



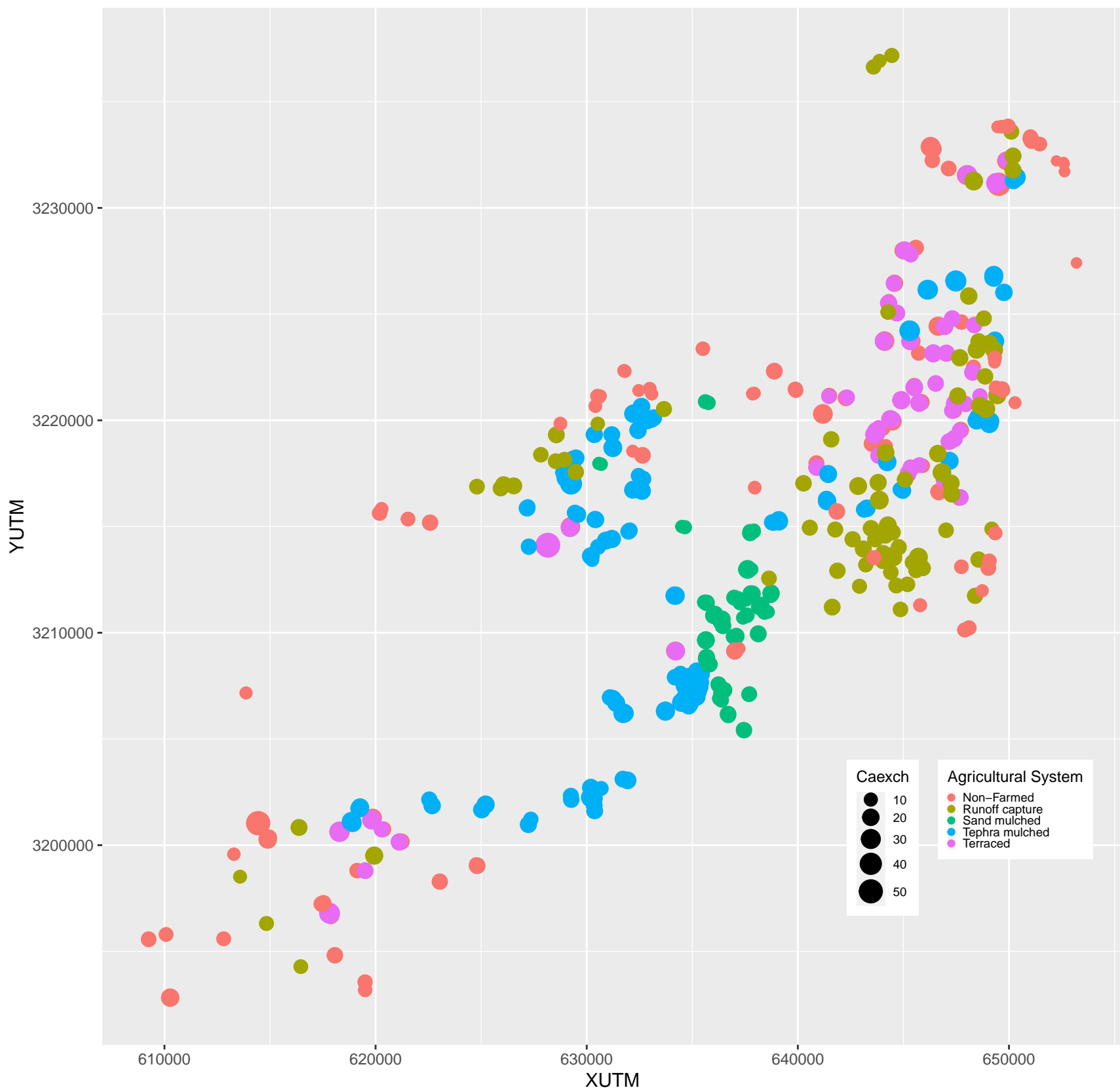
Cullen and Frey graph



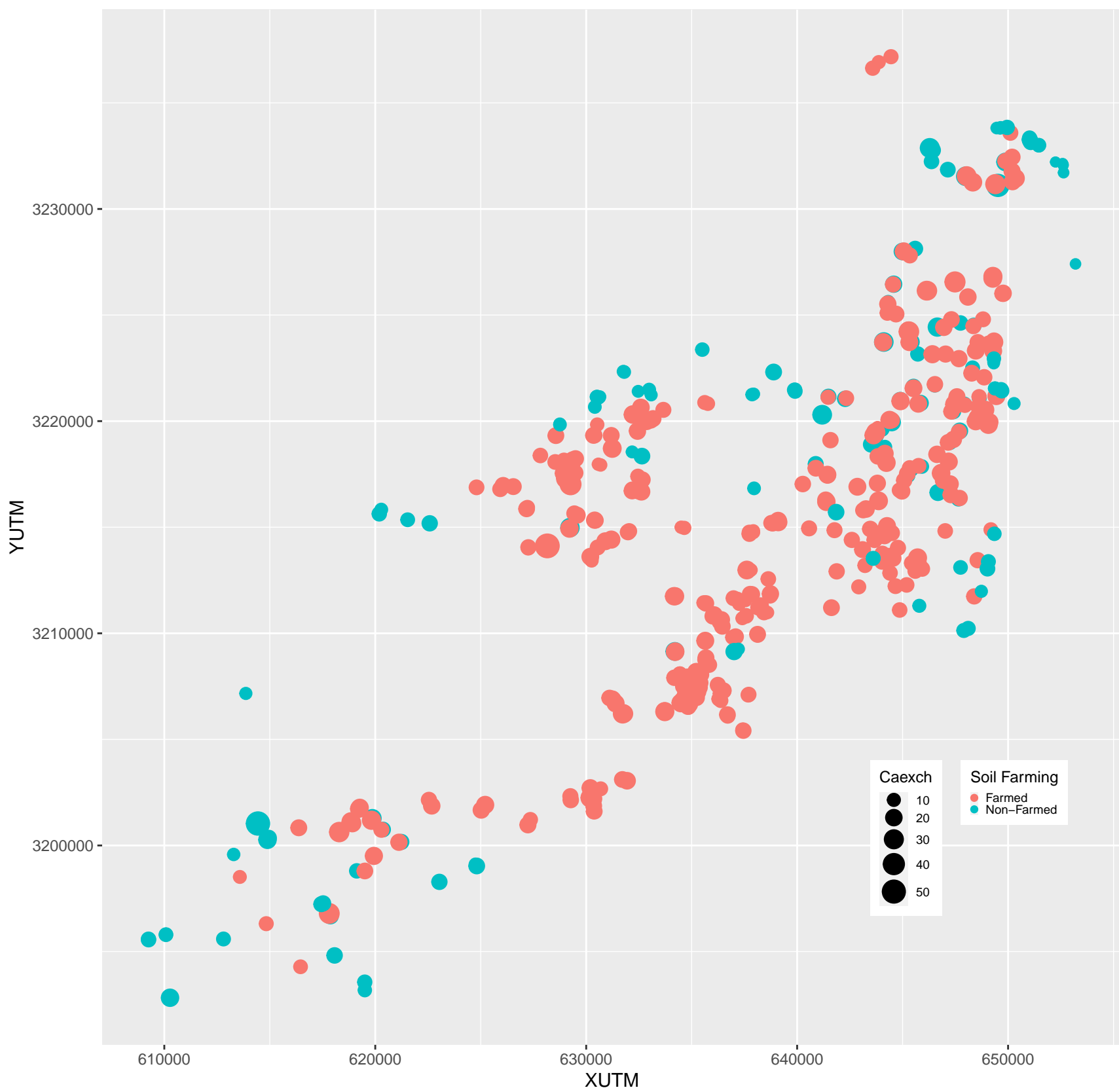
Shapiro–Wilk test for normality

Shapiro–Wilk normality test
data: dataframe[, variable_chr]
W = 0.94221, p-value = 1.879e-13

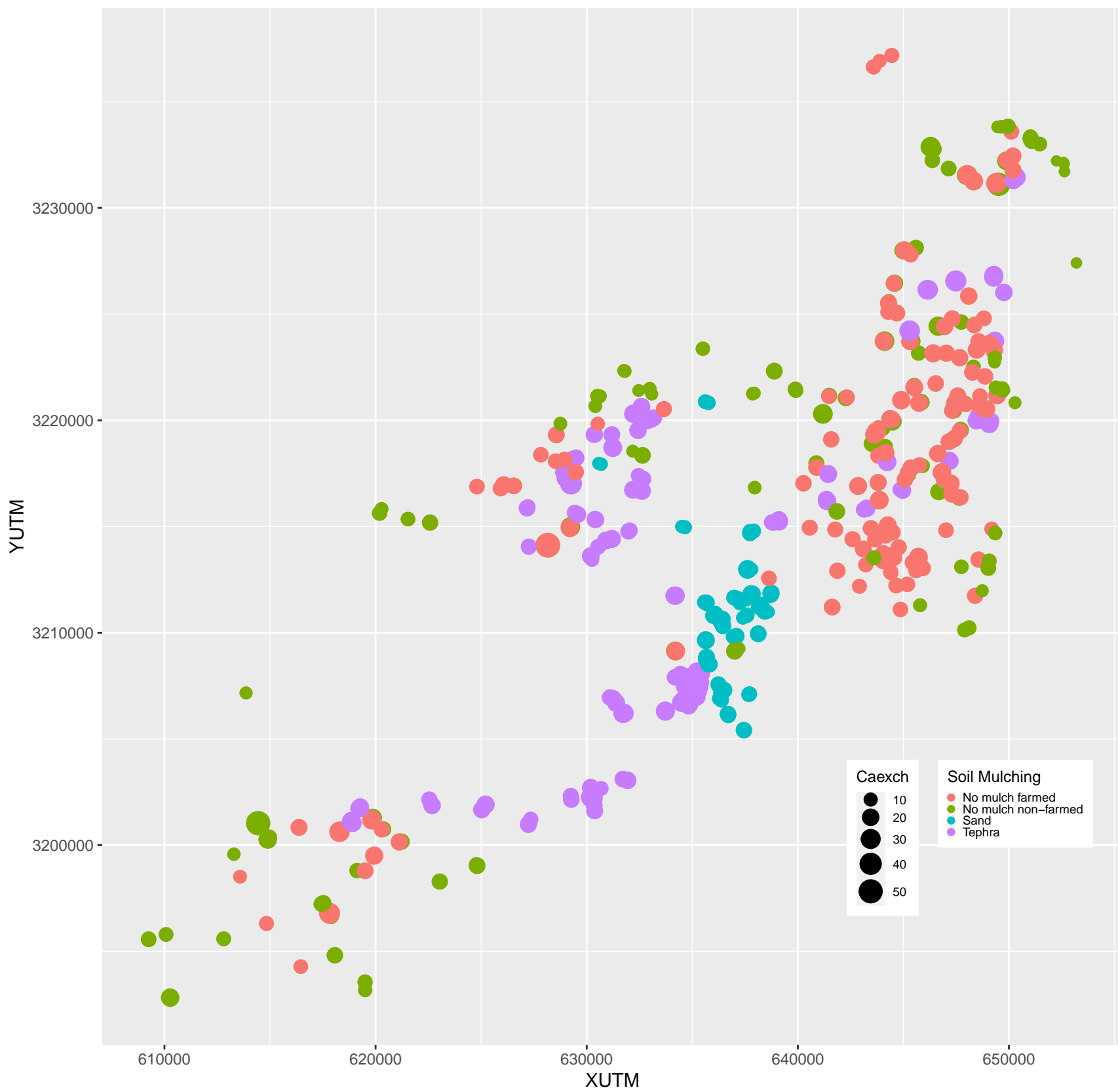
Caexch according to location and Agricultural System



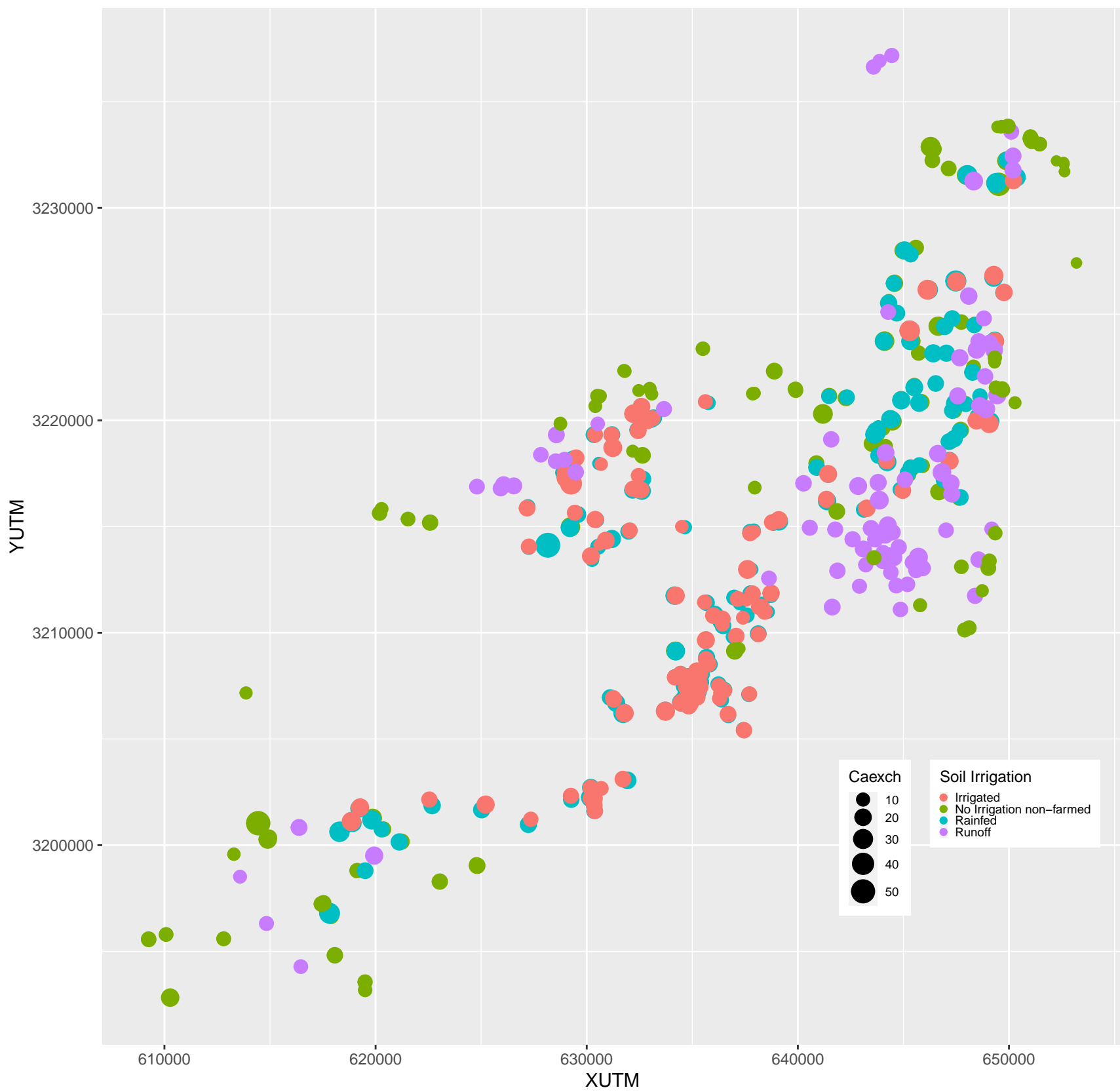
Caexch according to location and Soil Farming



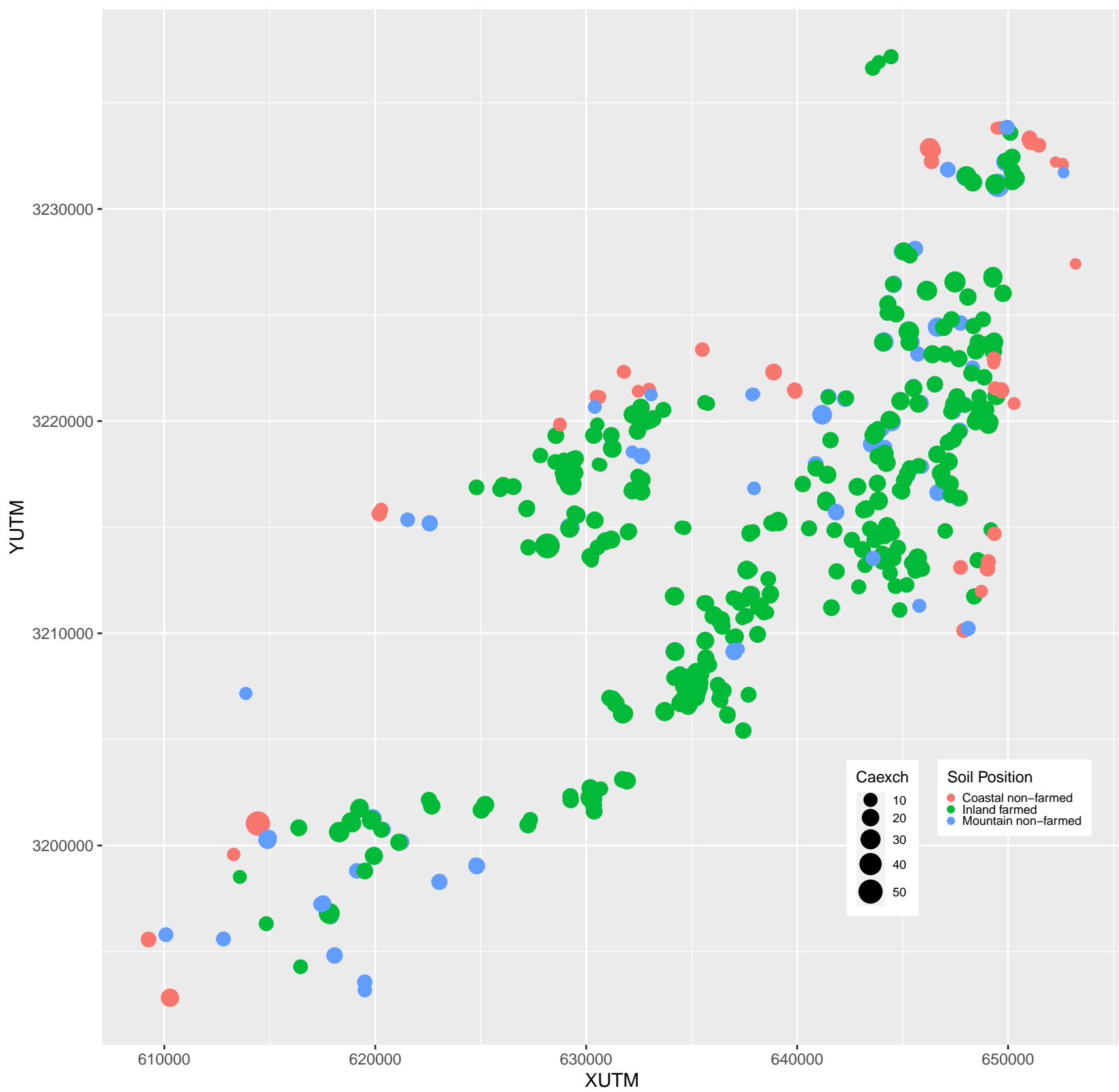
Caexch according to location and Soil Mulching



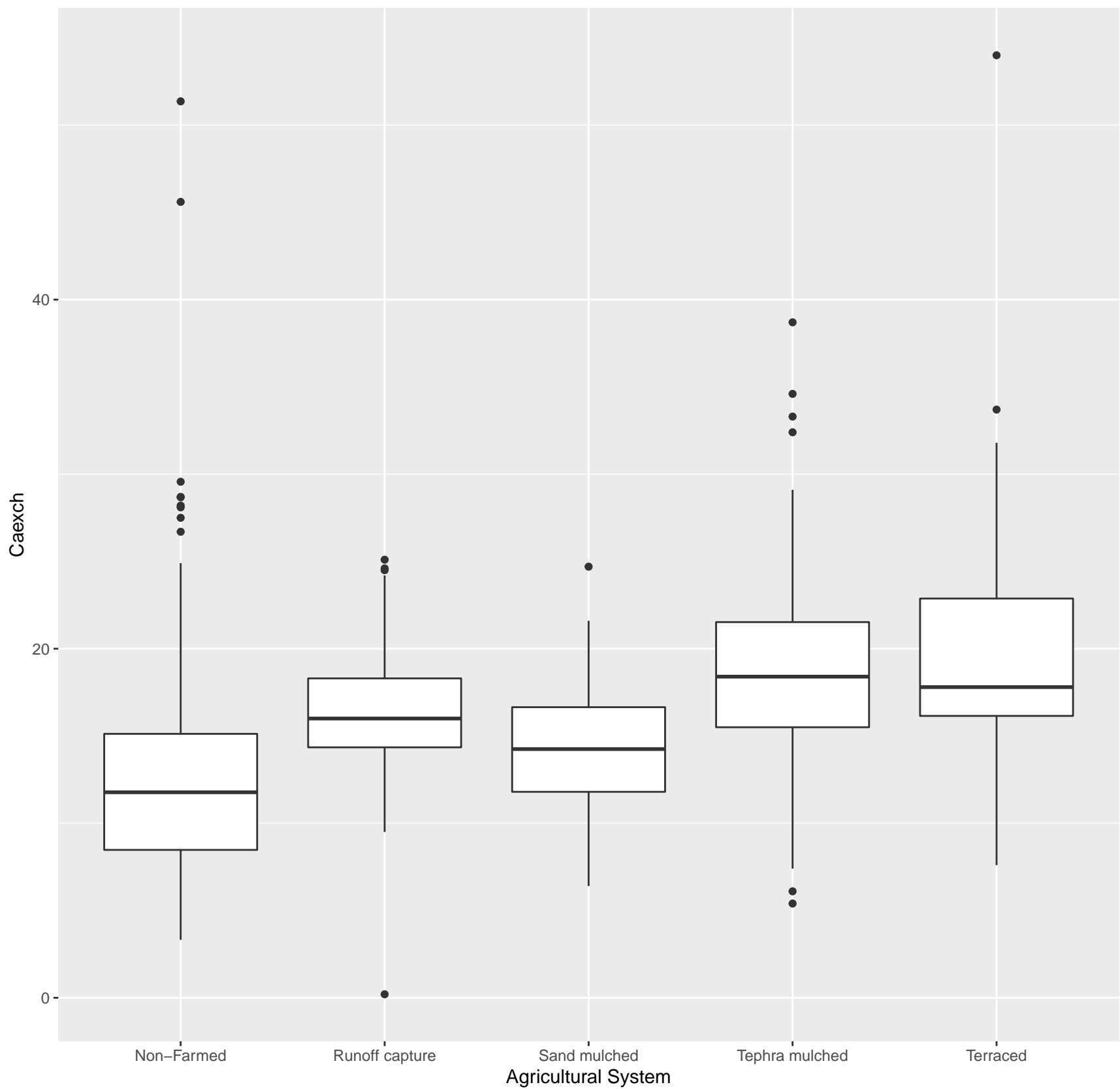
Caexch according to location and Soil Irrigation



Caexch according to location and Soil Position



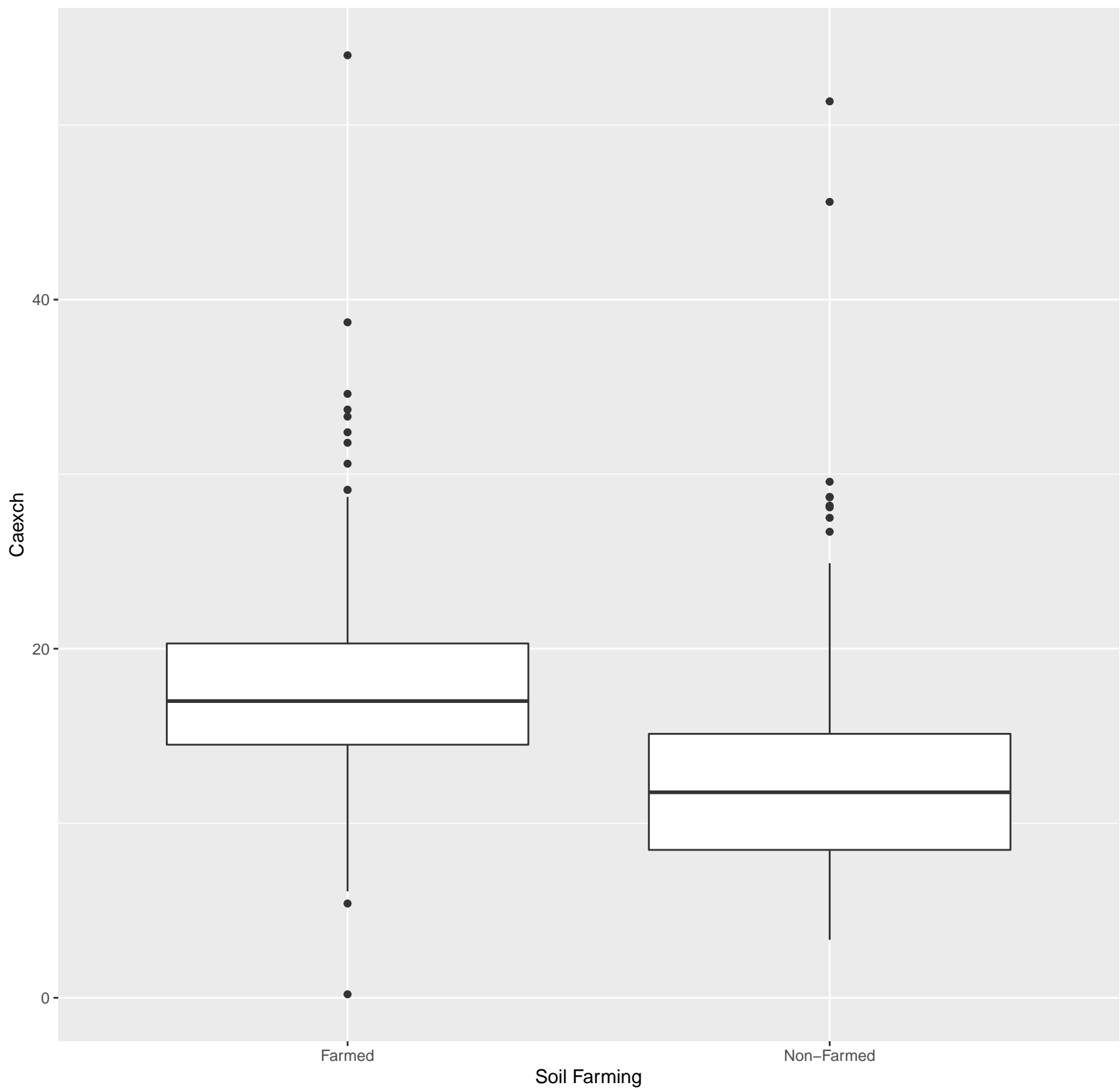
Caexch to Agricultural System



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	Caexch	Non-Farmed	Runoff capture	174	83	3587.5	7.04e-11	5.63e-10	****
2	Caexch	Non-Farmed	Sand mulched	174	60	3884.0	3.00e-03	6.00e-03	**
3	Caexch	Non-Farmed	Tephra mulched	174	160	5483.5	1.08e-21	1.08e-20	****
4	Caexch	Non-Farmed	Terraced	174	50	1431.0	4.97e-13	4.47e-12	****
5	Caexch	Runoff capture	Sand mulched	83	60	3356.5	3.96e-04	2.00e-03	**
6	Caexch	Runoff capture	Tephra mulched	83	160	4752.5	2.82e-04	1.00e-03	**
7	Caexch	Runoff capture	Terraced	83	50	1311.5	3.93e-04	2.00e-03	**
8	Caexch	Sand mulched	Tephra mulched	60	160	2191.5	5.54e-10	3.88e-09	****
9	Caexch	Sand mulched	Terraced	60	50	572.0	2.57e-08	1.54e-07	****
10	Caexch	Tephra mulched	Terraced	160	50	3651.5	3.53e-01	3.53e-01	ns

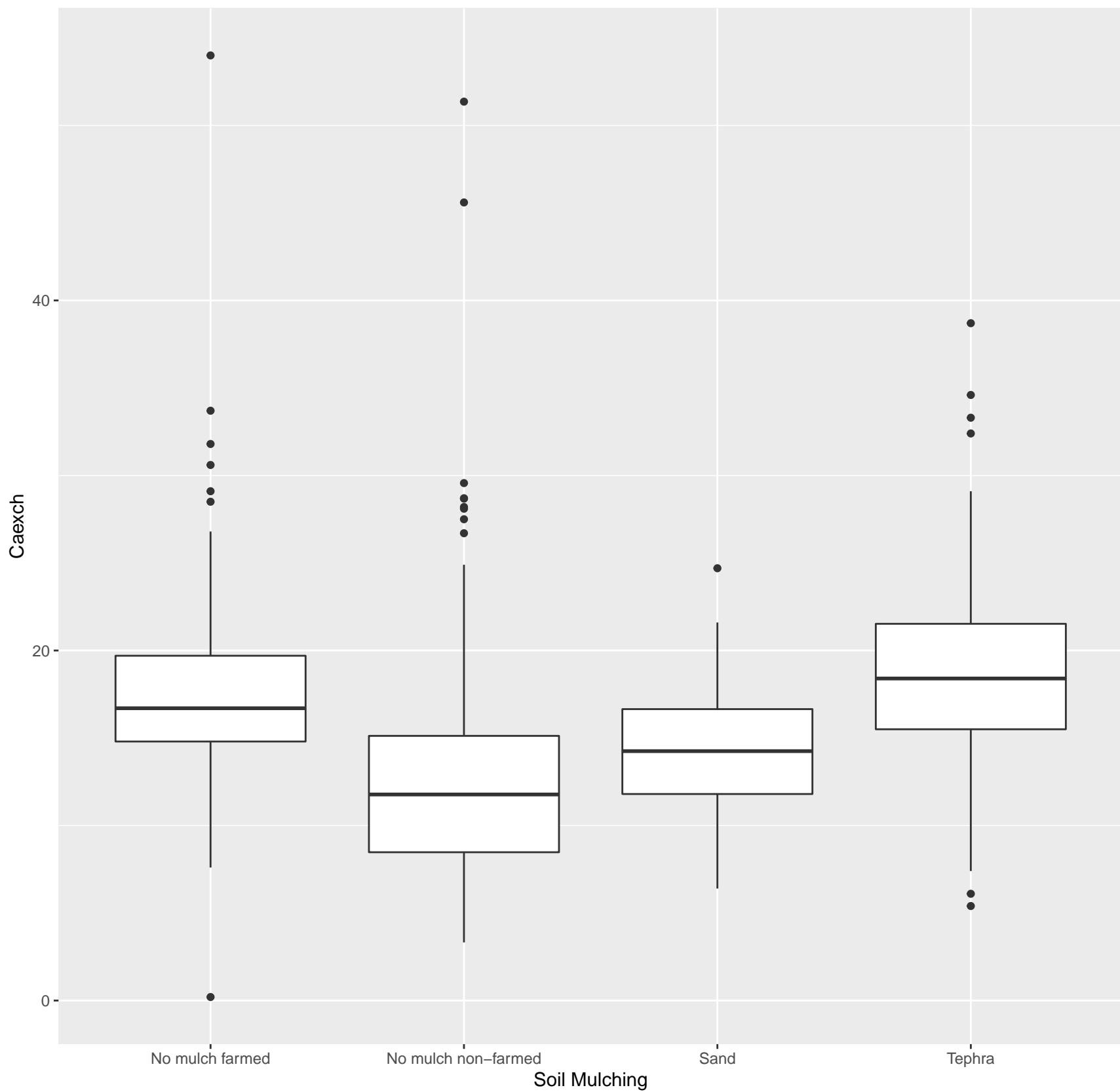
Caexch to Soil Farming



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p
1	Caexch	Farmed	Non-Farmed	353	174	47036	3.08e-23

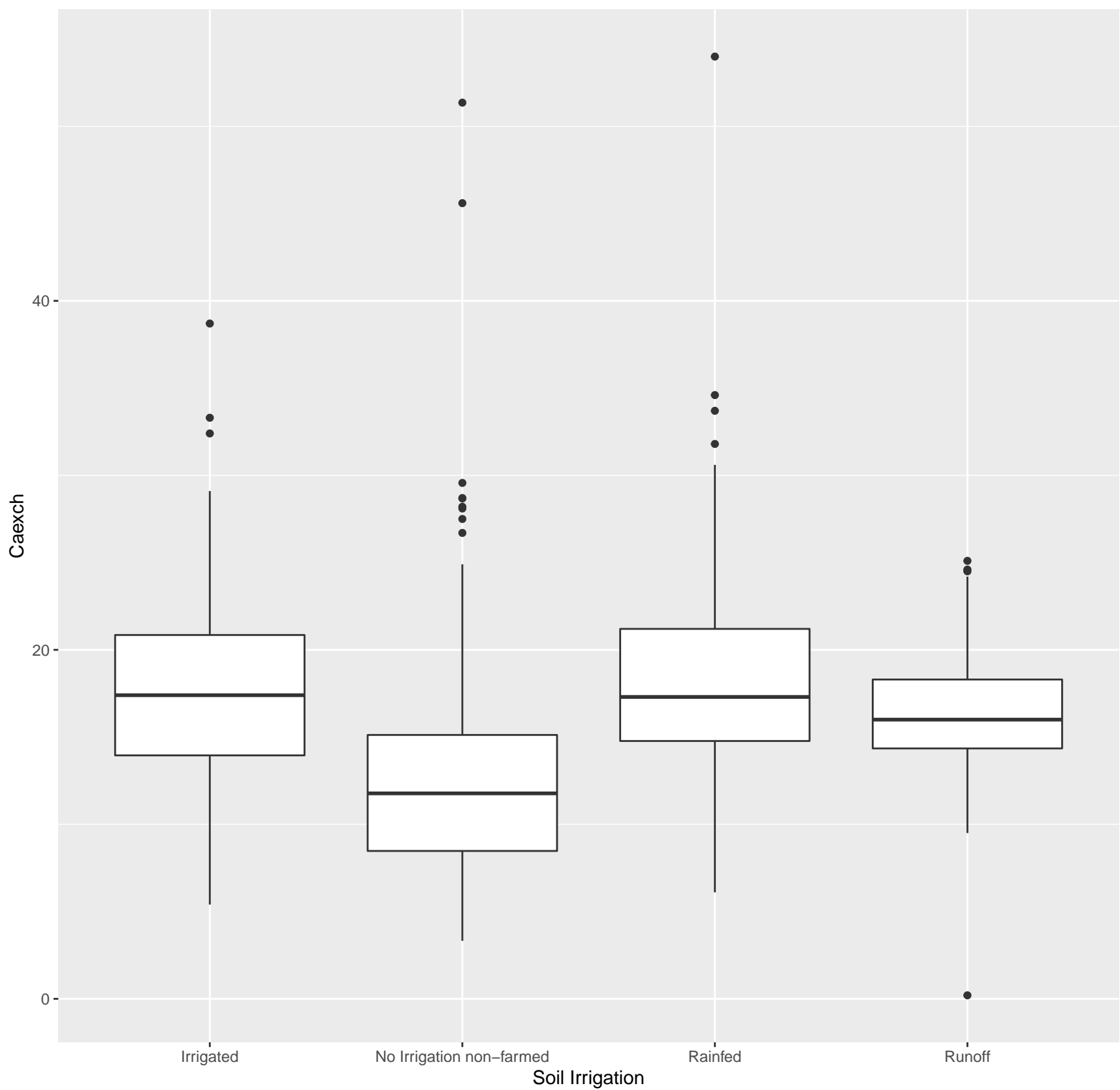
Caexch to Soil Mulching



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	Caexch	No mulch farmed	No mulch non-farmed	133	174	18123.5	1.87e-17	9.35e-17	****
2	Caexch	No mulch farmed	Sand	133	60	5784.5	5.88e-07	1.76e-06	****
3	Caexch	No mulch farmed	Tephra	133	160	9101.0	3.30e-02	3.30e-02	*
4	Caexch	No mulch non-farmed	Sand	174	60	3884.0	3.00e-03	6.00e-03	**
5	Caexch	No mulch non-farmed	Tephra	174	160	5483.5	1.08e-21	6.48e-21	****
6	Caexch	Sand	Tephra	60	160	2191.5	5.54e-10	2.22e-09	****

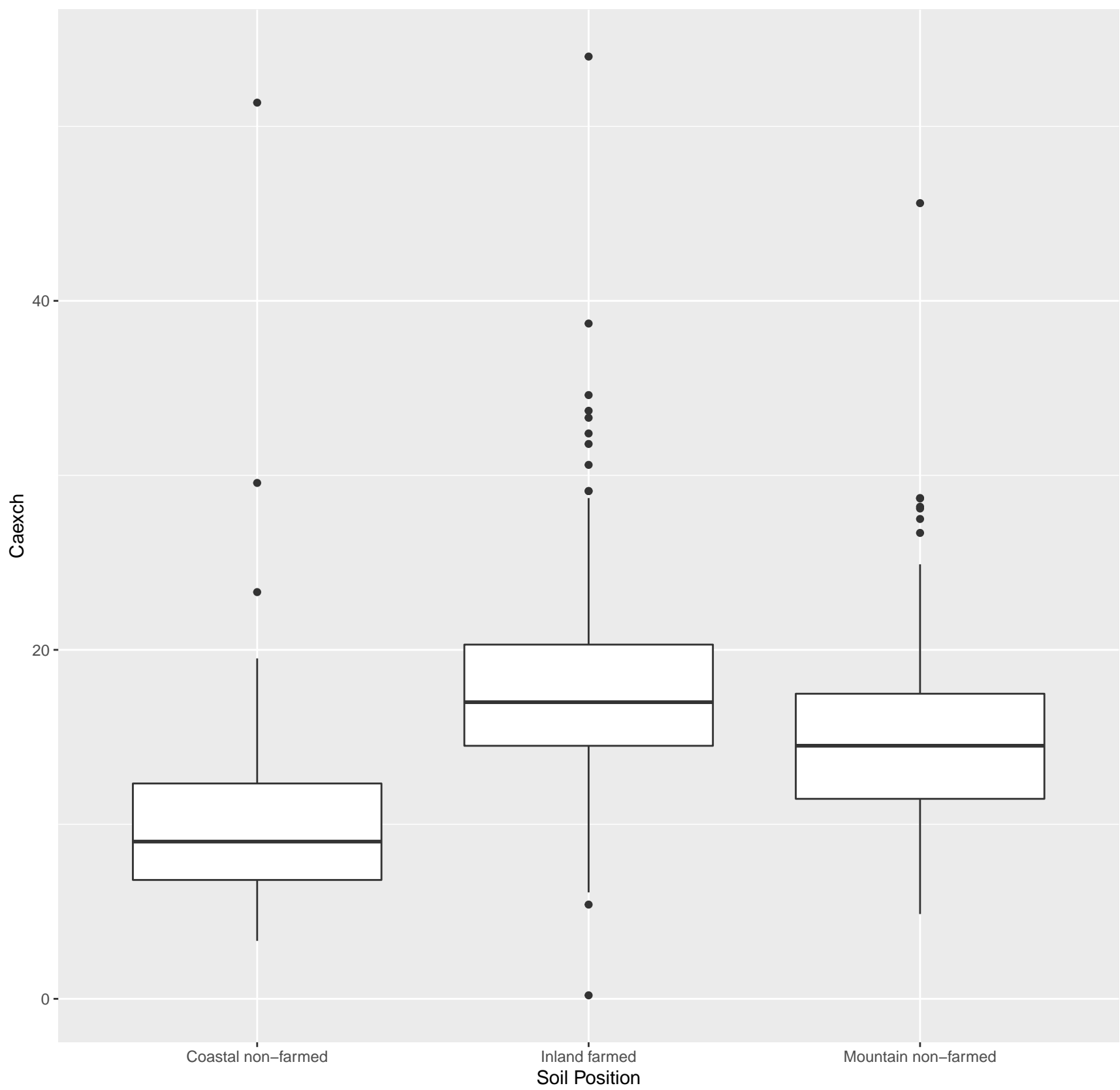
Caexch to Soil Irrigation



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.sign
1	Caexch	Irrigated	No Irrigation non-farmed	110	174	14582.5	1.05e-13	5.25e-13	****
2	Caexch	Irrigated	Rainfed	110	160	8465.0	5.96e-01	5.96e-01	ns
3	Caexch	Irrigated	Runoff	110	83	5150.0	1.28e-01	2.56e-01	ns
4	Caexch	No Irrigation non-farmed	Rainfed	174	160	6241.0	3.04e-18	1.82e-17	****
5	Caexch	No Irrigation non-farmed	Runoff	174	83	3587.5	7.04e-11	2.82e-10	****
6	Caexch	Rainfed	Runoff	160	83	7839.5	2.10e-02	6.30e-02	ns

Caexch to Soil Position



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	Caexch	Coastal non-farmed	Inland farmed	88	353	3411	9.18e-30	2.75e-29	****
2	Caexch	Coastal non-farmed	Mountain non-farmed	88	86	1523	1.01e-11	2.02e-11	****
3	Caexch	Inland farmed	Mountain non-farmed	353	86	19383	6.77e-05	6.77e-05	****