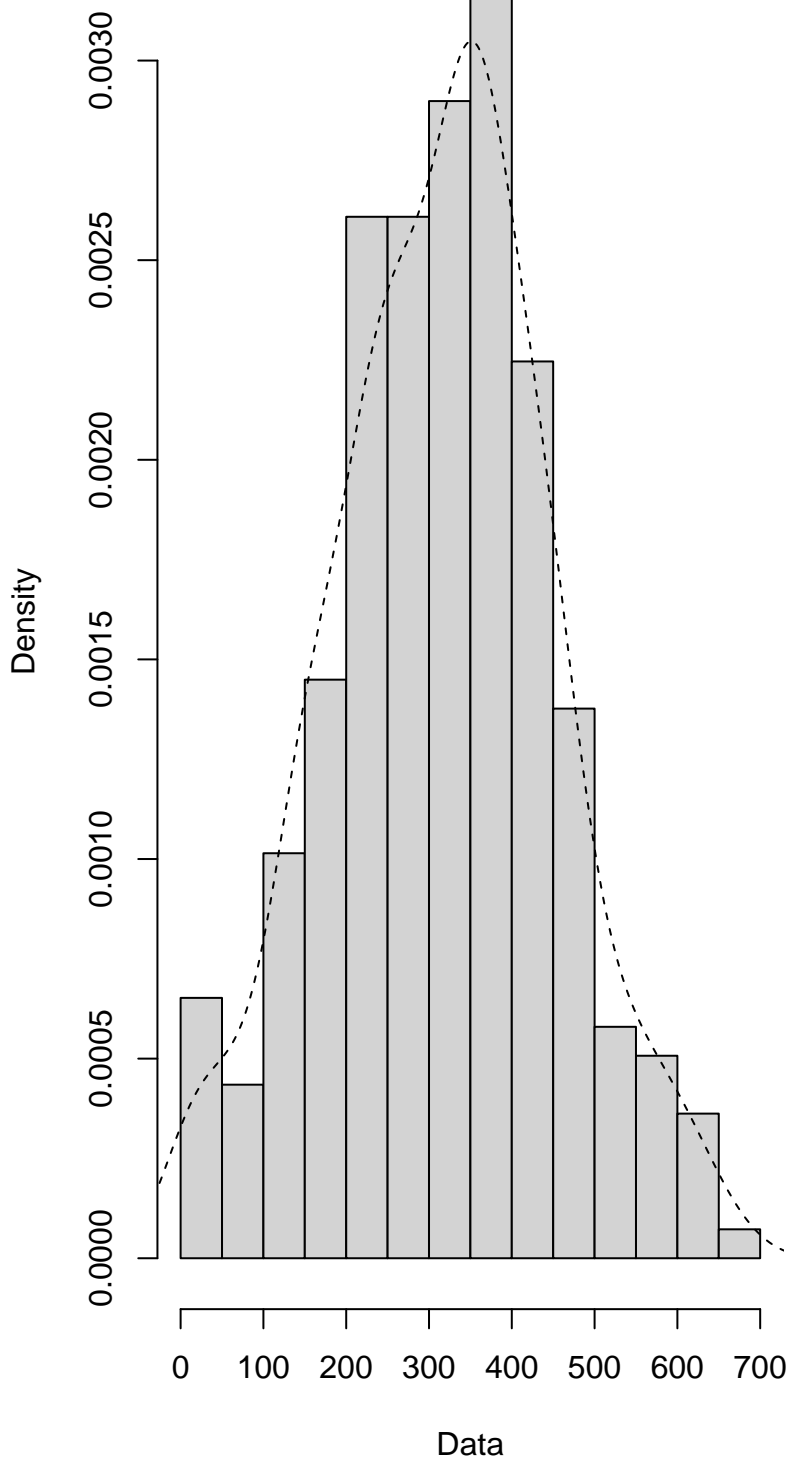


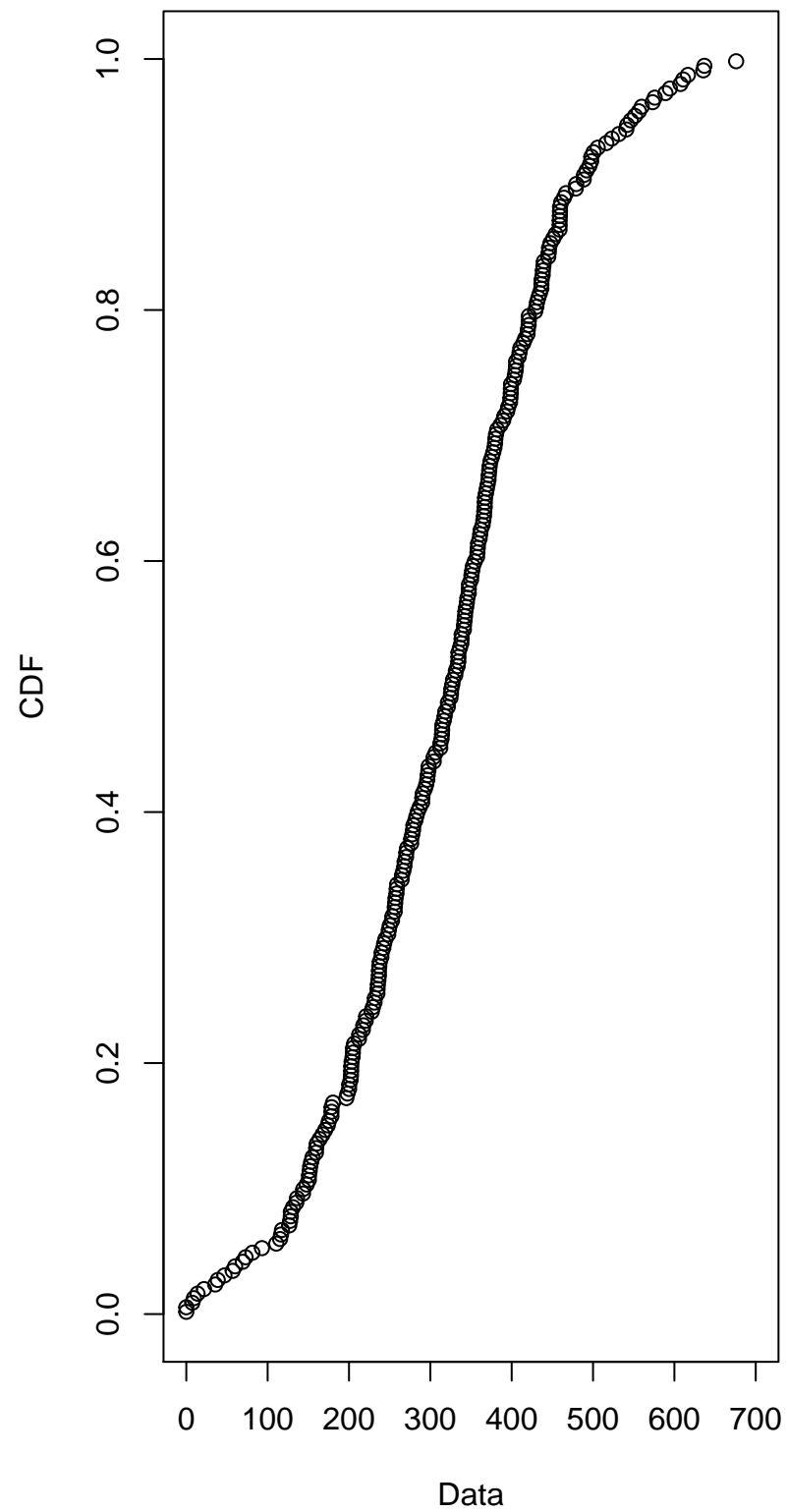
Summary of the variable

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
0.0	231.7	326.5	316.8	404.2	675.9	339

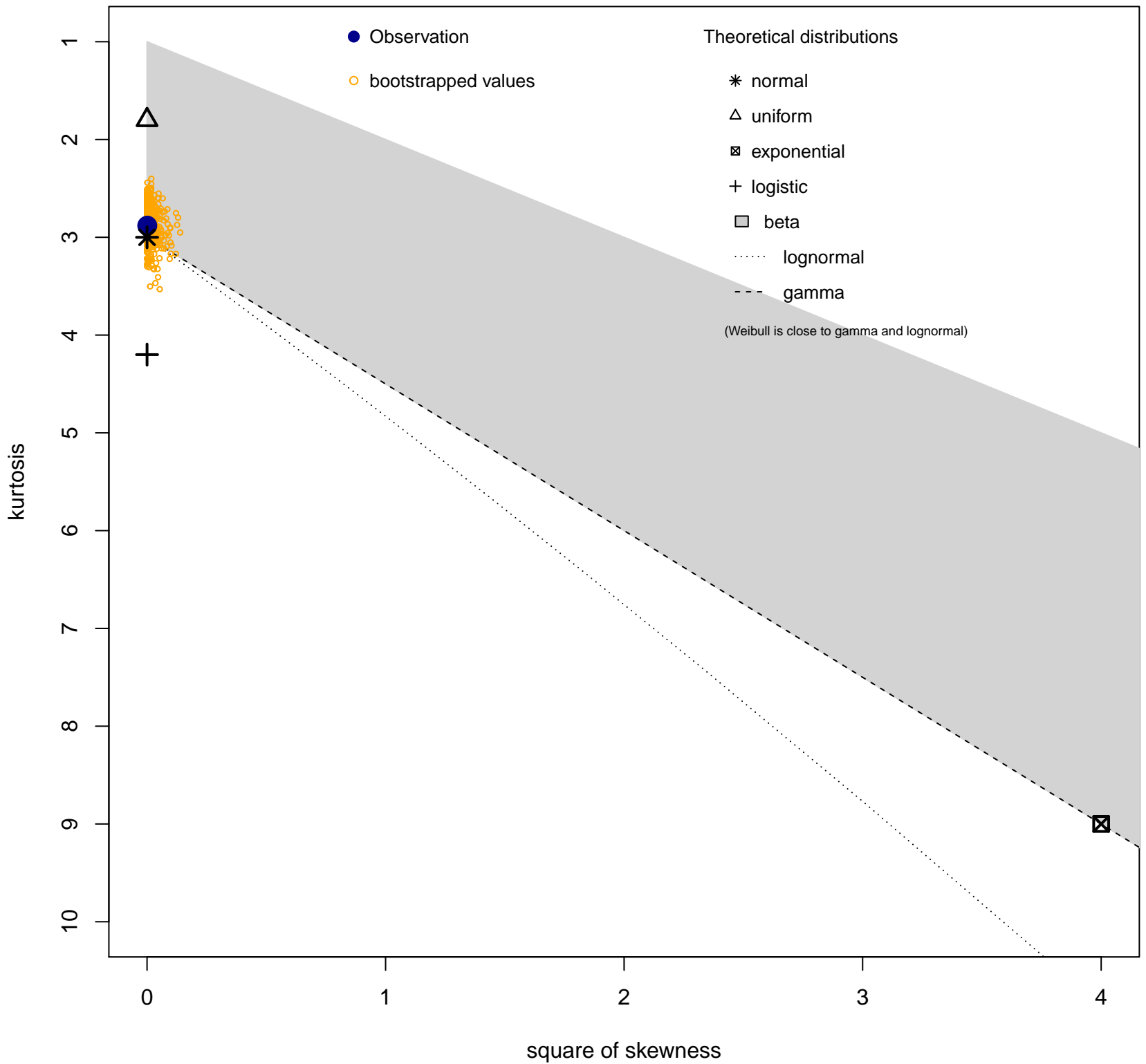
Empirical density



Cumulative distribution



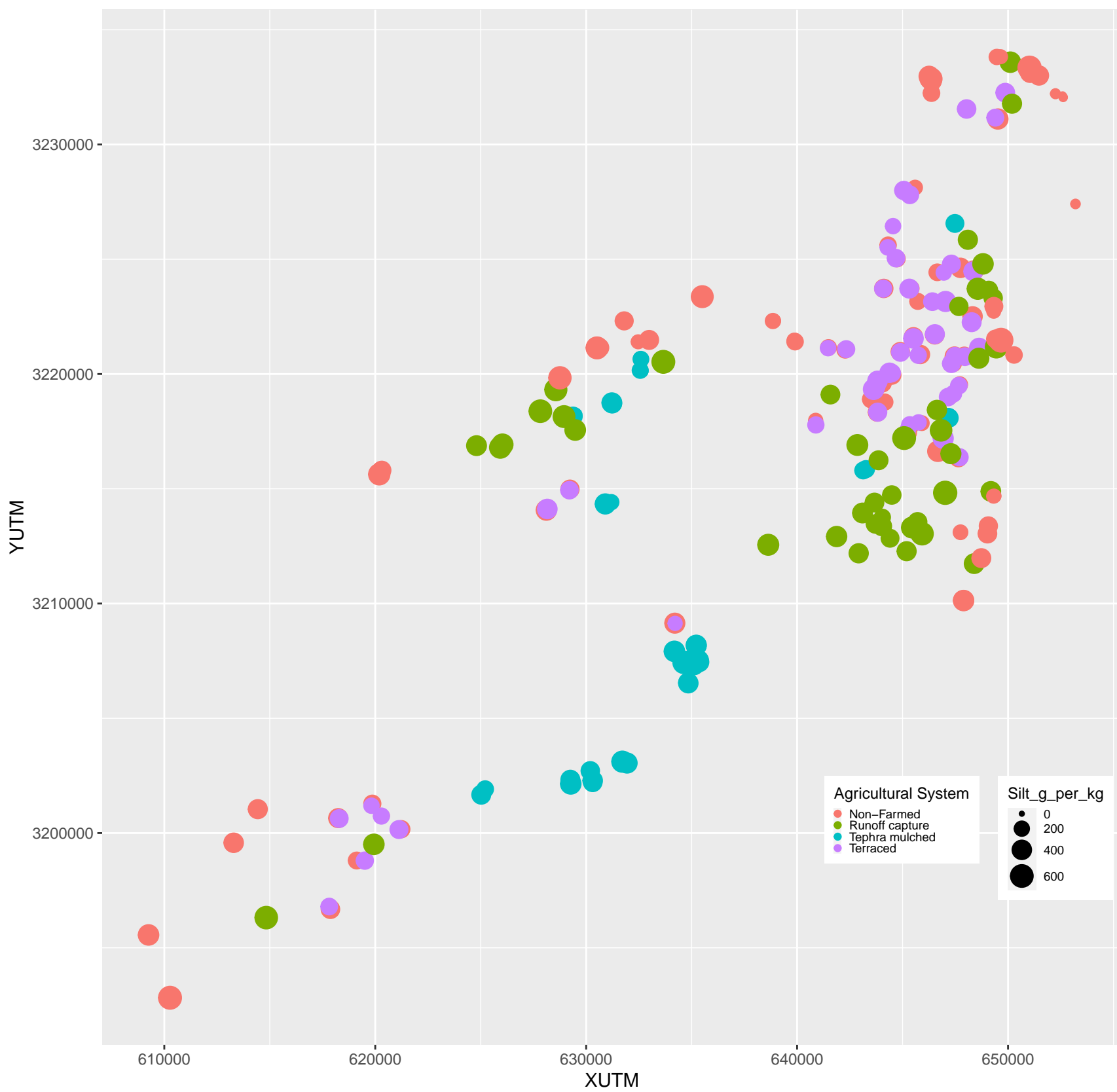
Cullen and Frey graph



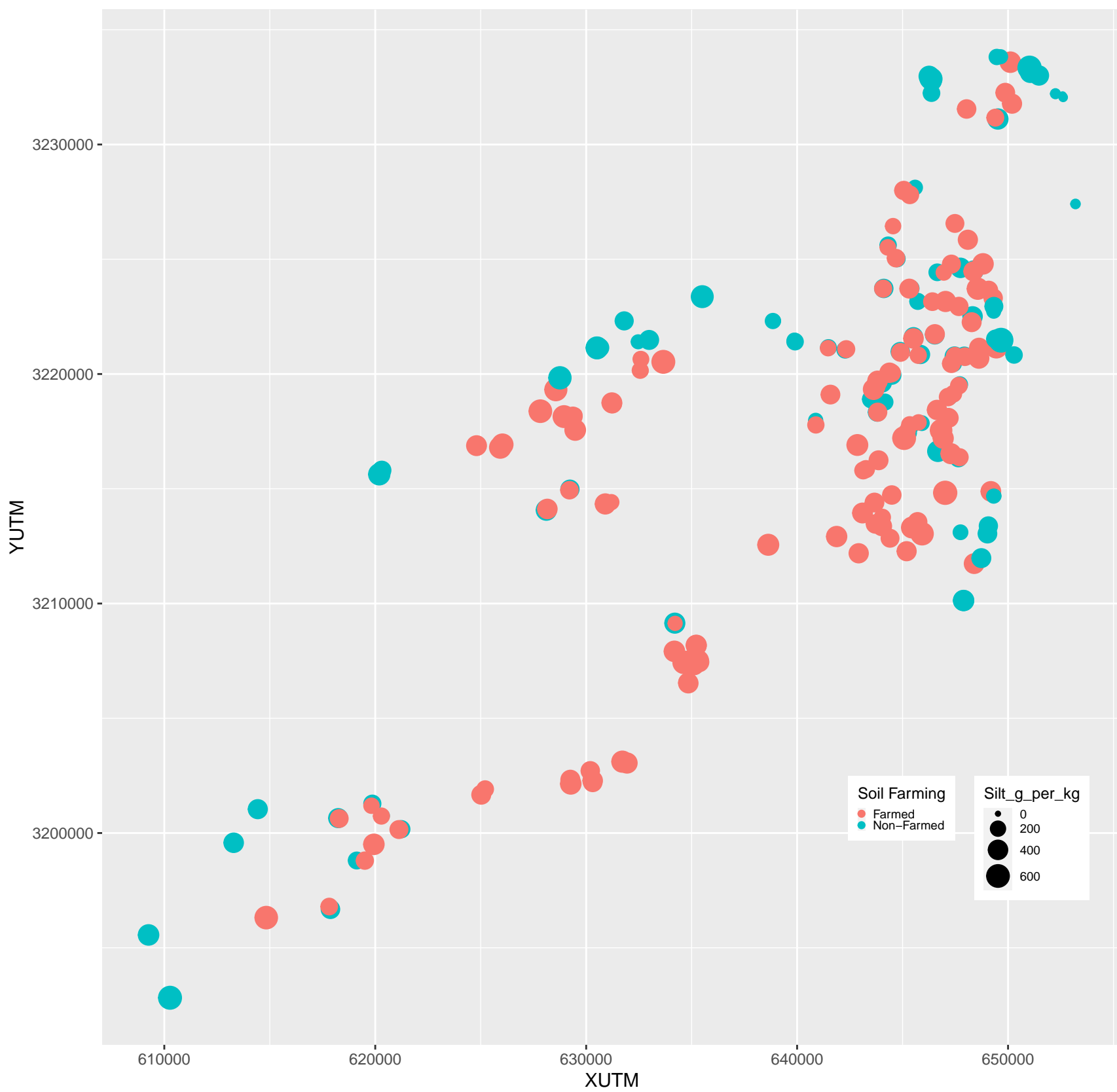
Shapiro–Wilk test for normality

Shapiro–Wilk normality test
data: dataframe[, variable_chr]
W = 0.99483, p-value = 0.4795

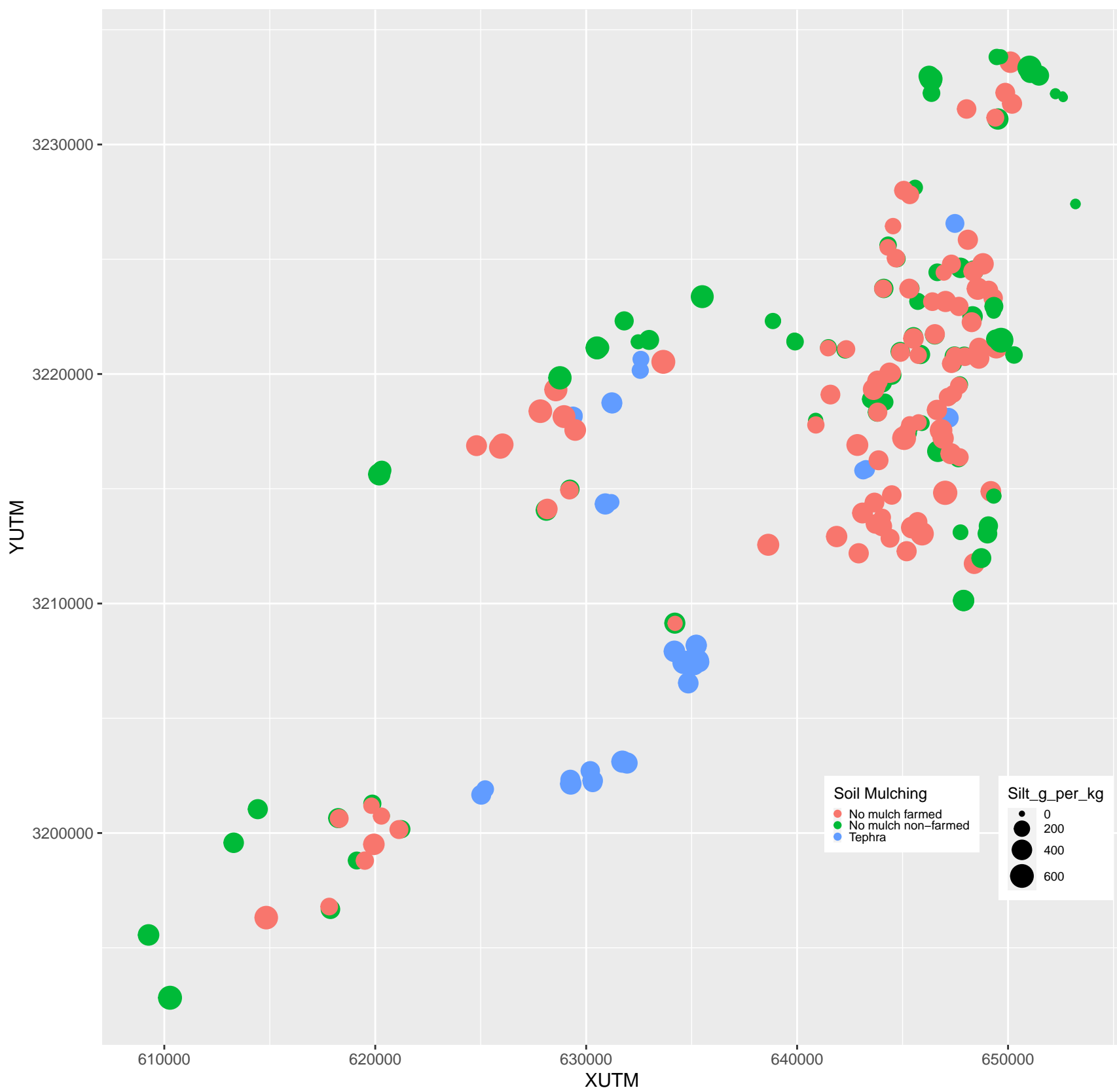
Silt_g_per_kg according to location and Agricultural System



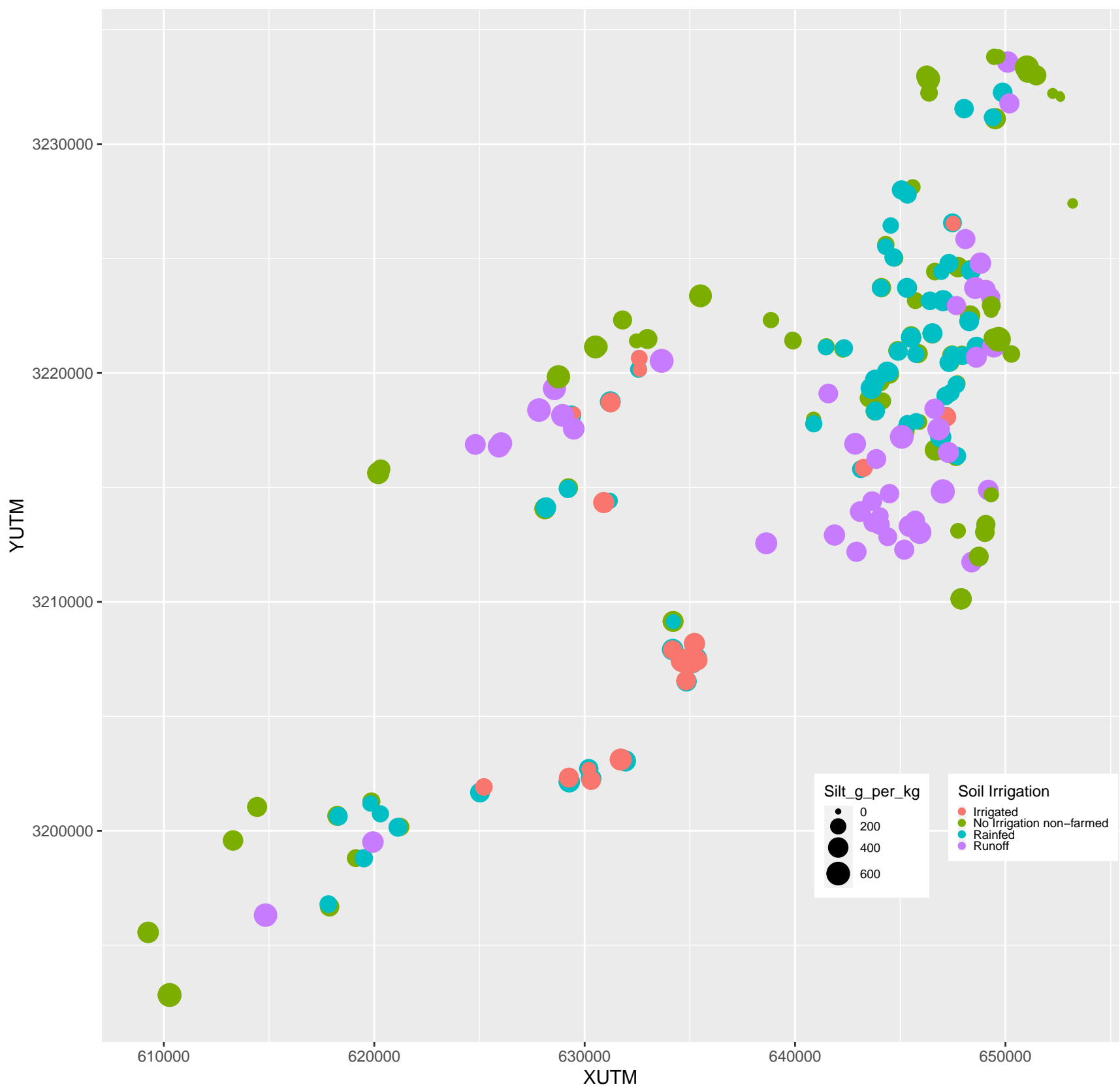
Silt_g_per_kg according to location and Soil Farming



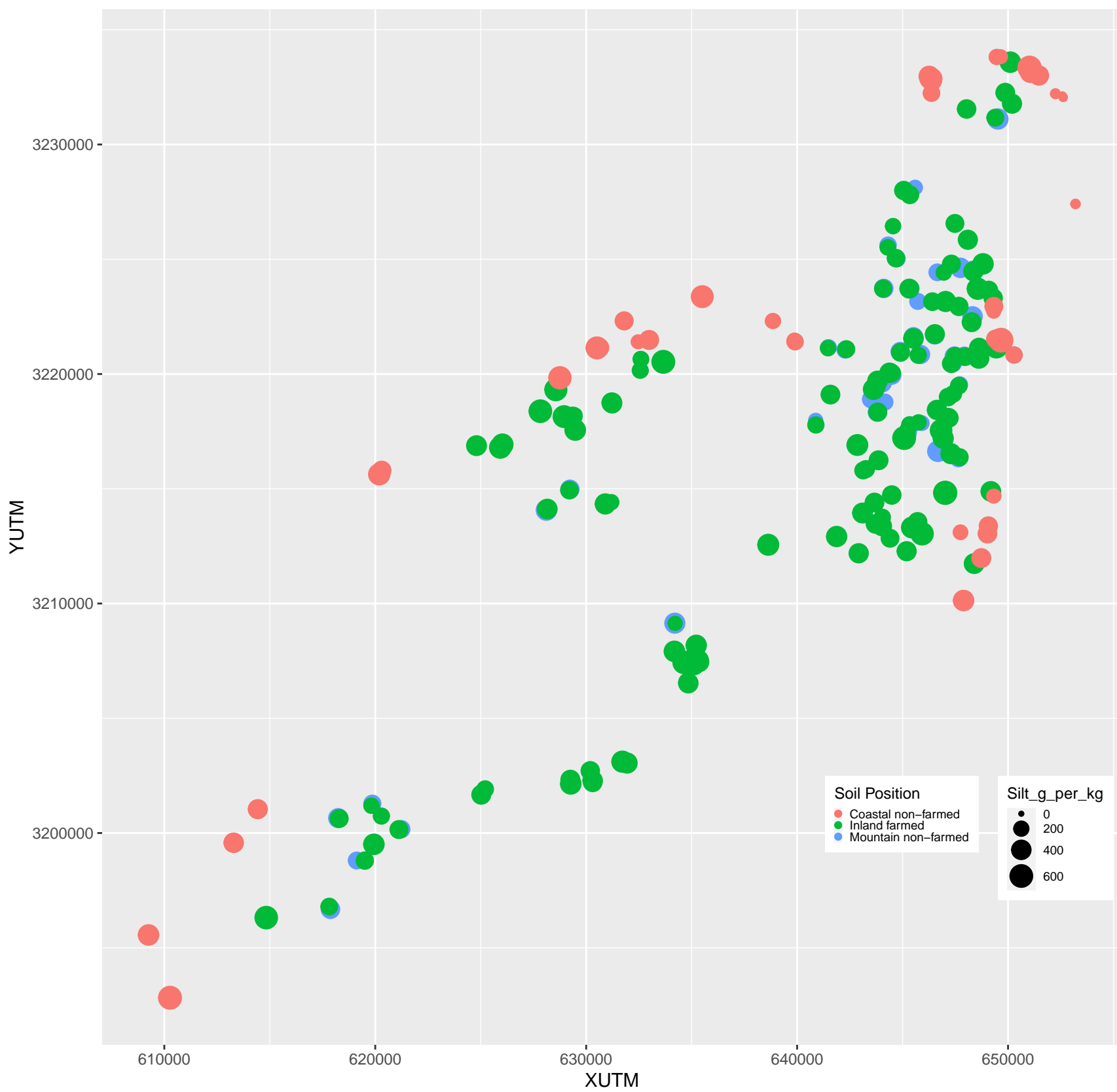
Silt_g_per_kg according to location and Soil Mulching



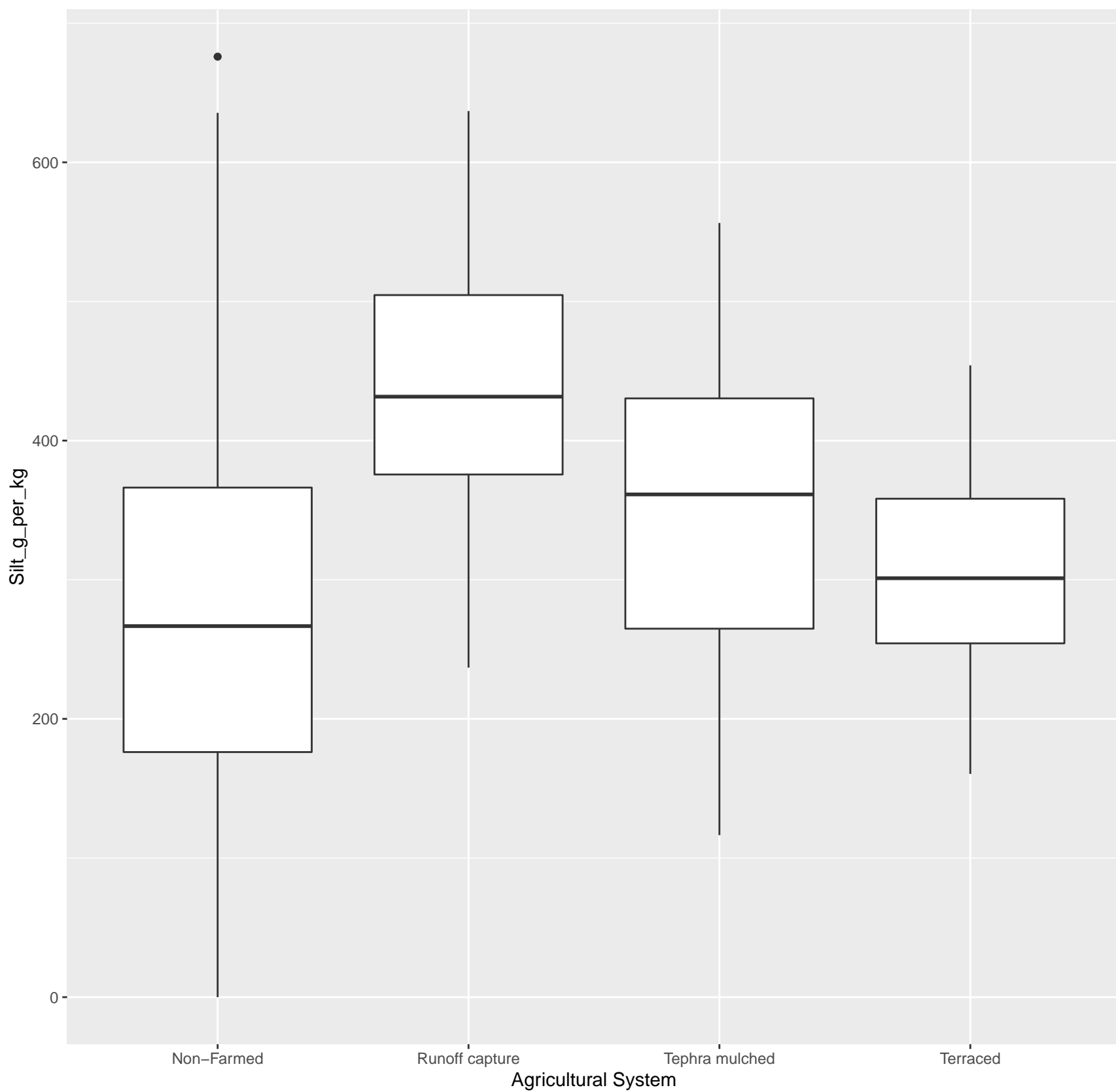
Silt_g_per_kg according to location and Soil Irrigation



Silt_g_per_kg according to location and Soil Position



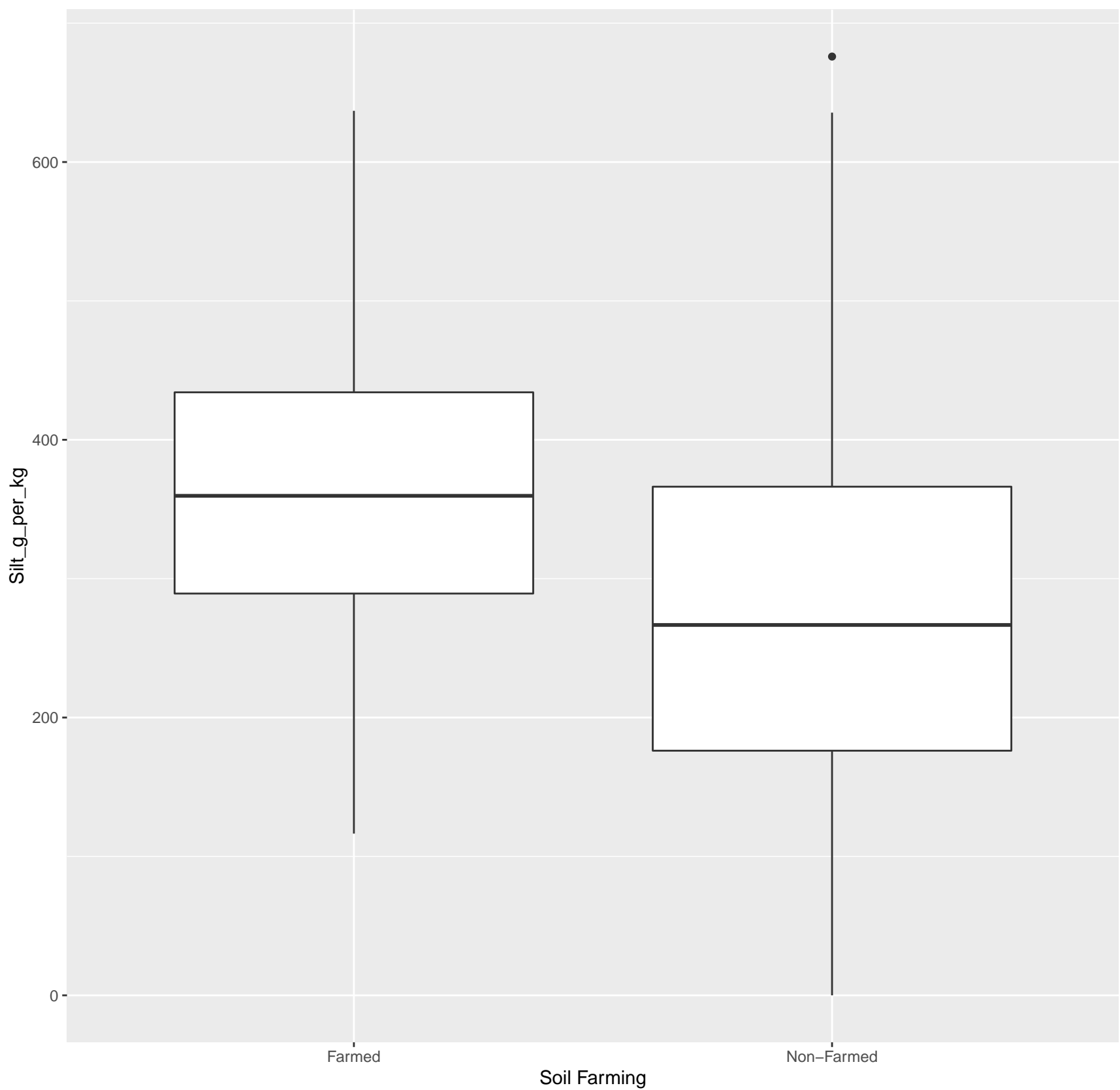
Silt_g_per_kg to Agricultural System



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	Silt_g_per_kg	Non-Farmed	Runoff capture	142	44	984	7.05e-12	4.23e-11	****
2	Silt_g_per_kg	Non-Farmed	Tephra mulched	142	40	1982	4.00e-03	1.10e-02	*
3	Silt_g_per_kg	Non-Farmed	Terraced	142	50	2985	9.50e-02	9.50e-02	ns
4	Silt_g_per_kg	Runoff capture	Tephra mulched	44	40	1290	1.81e-04	7.24e-04	***
5	Silt_g_per_kg	Runoff capture	Terraced	44	50	1949	1.28e-10	6.40e-10	****
6	Silt_g_per_kg	Tephra mulched	Terraced	40	50	1259	3.60e-02	7.20e-02	ns

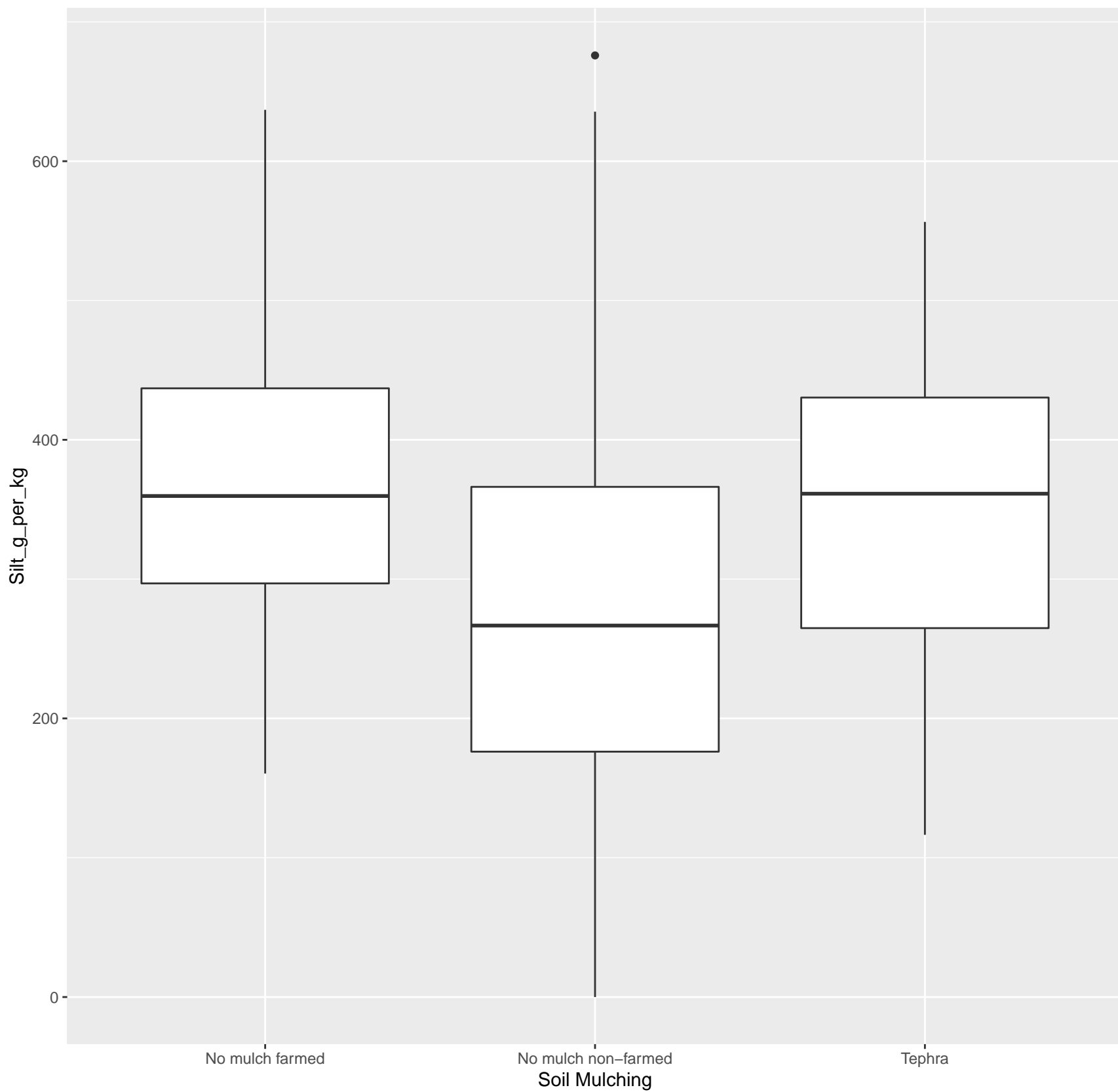
Silt_g_per_kg to Soil Farming



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p
1	Silt_g_per_kg	Farmed	Non-Farmed	134	142	13077	7.64e-08

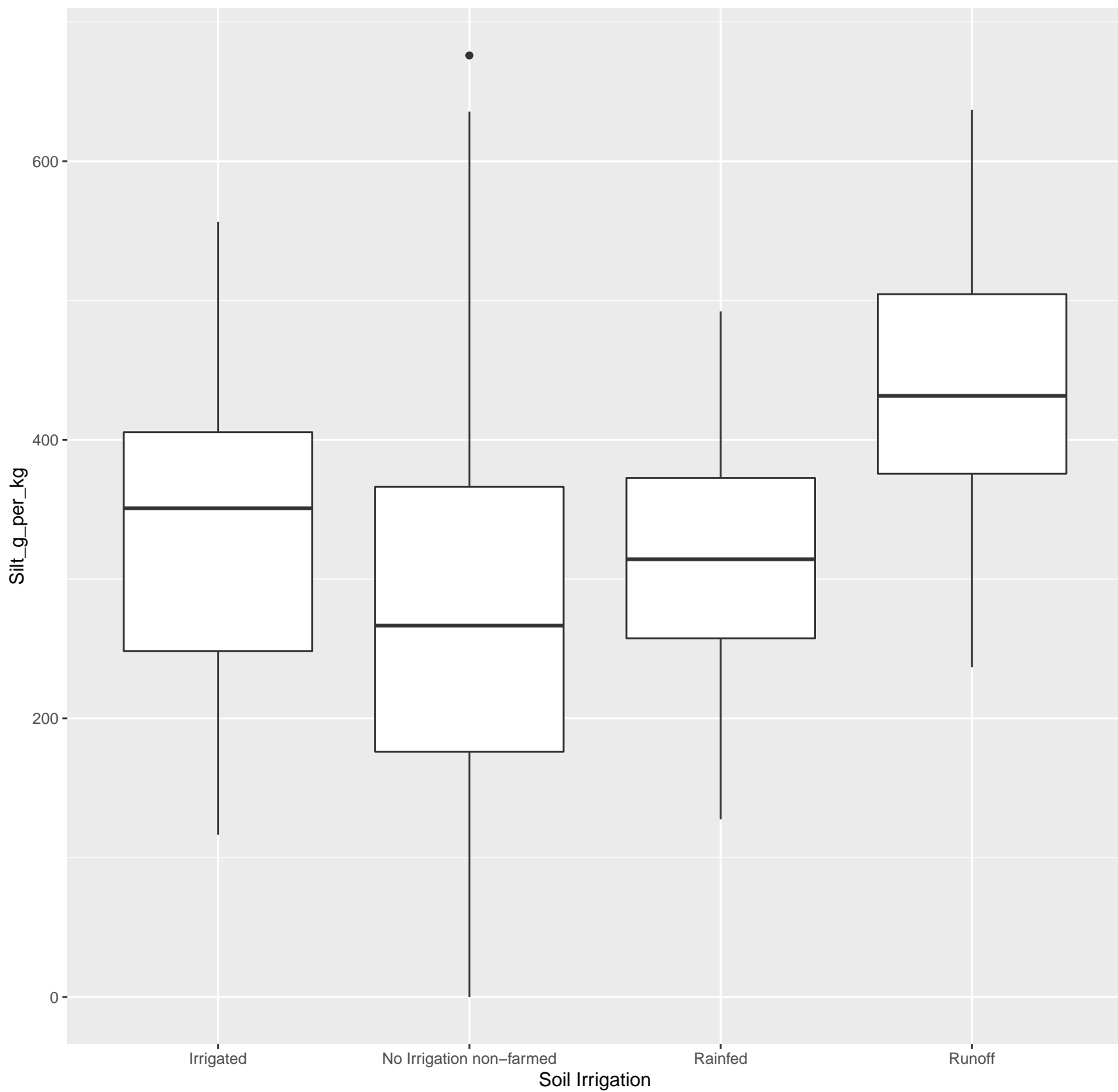
Silt_g_per_kg to Soil Mulching



Wilcox test for mean comparison

.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.sign
1 Silt_g_per_kg	No mulch farmed	No mulch non-farmed	94	142	9379	1.38e-07	4.14e-07	****
2 Silt_g_per_kg	No mulch farmed	Tephra	94	40	2031	4.64e-01	4.64e-01	ns
3 Silt_g_per_kg	No mulch non-farmed	Tephra	142	40	1982	4.00e-03	7.00e-03	**

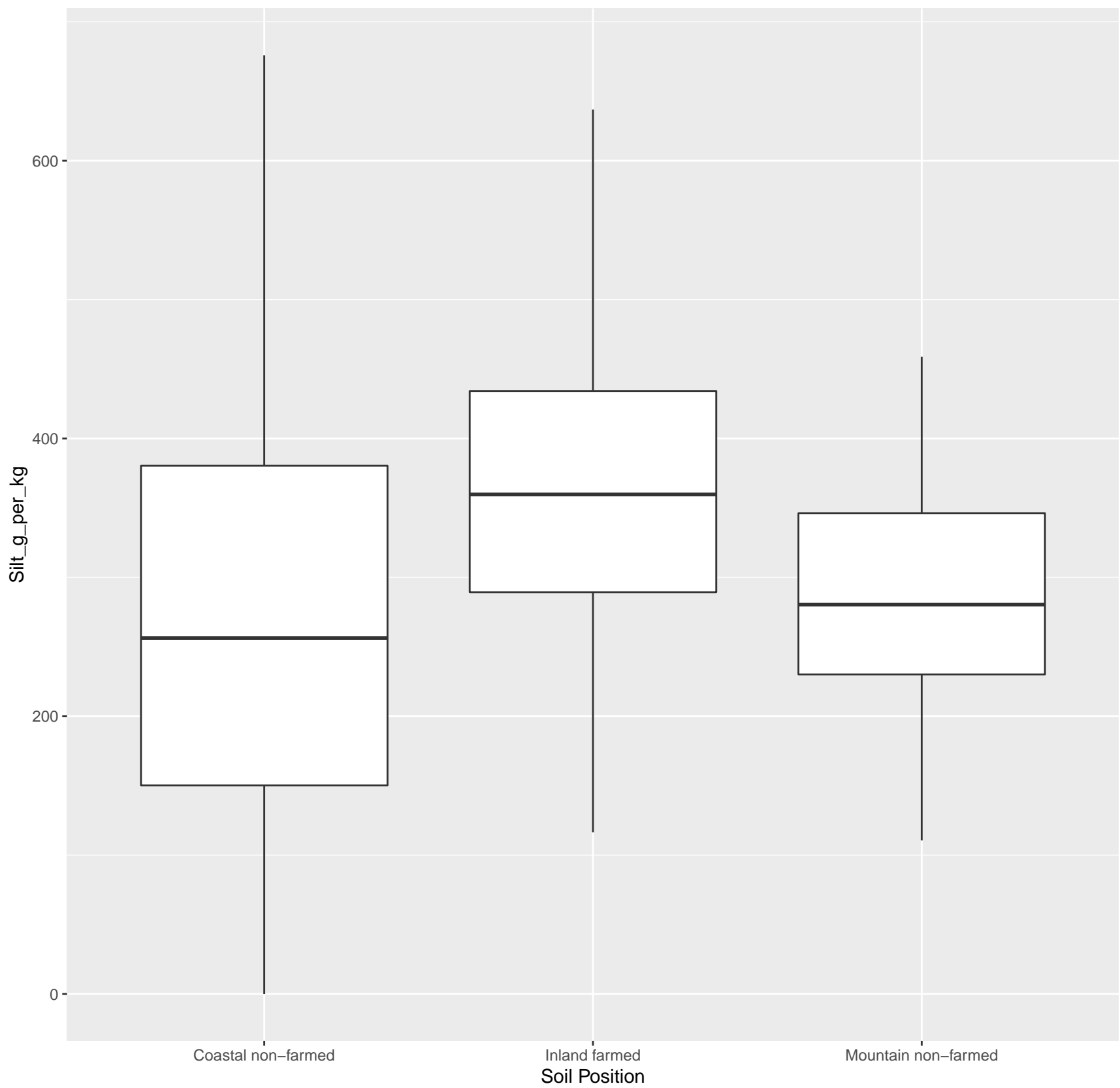
Silt_g_per_kg to Soil Irrigation



Wilcox test for mean comparison

.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.s
silt_g_per_kg	Irrigated	No Irrigation non-farmed	20	142	1764	8.00e-02	1.61e-01	ns
silt_g_per_kg	Irrigated	Rainfed	20	70	766	5.25e-01	5.25e-01	ns
silt_g_per_kg	Irrigated	Runoff	20	44	218	1.00e-03	4.00e-03	**
silt_g_per_kg	No Irrigation non-farmed	Rainfed	142	70	3891	1.00e-02	3.10e-02	*
silt_g_per_kg	No Irrigation non-farmed	Runoff	142	44	984	7.05e-12	4.23e-11	****
silt_g_per_kg	Rainfed	Runoff	70	44	503	1.61e-09	8.05e-09	****

Silt_g_per_kg to Soil Position



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signi
1	Silt_g_per_kg	Coastal non-farmed	Inland farmed	92	134	3952	4.66e-06	0.000014	****
2	Silt_g_per_kg	Coastal non-farmed	Mountain non-farmed	92	50	2089	3.69e-01	0.369000	ns
3	Silt_g_per_kg	Inland farmed	Mountain non-farmed	134	50	4701	2.65e-05	0.000053	****