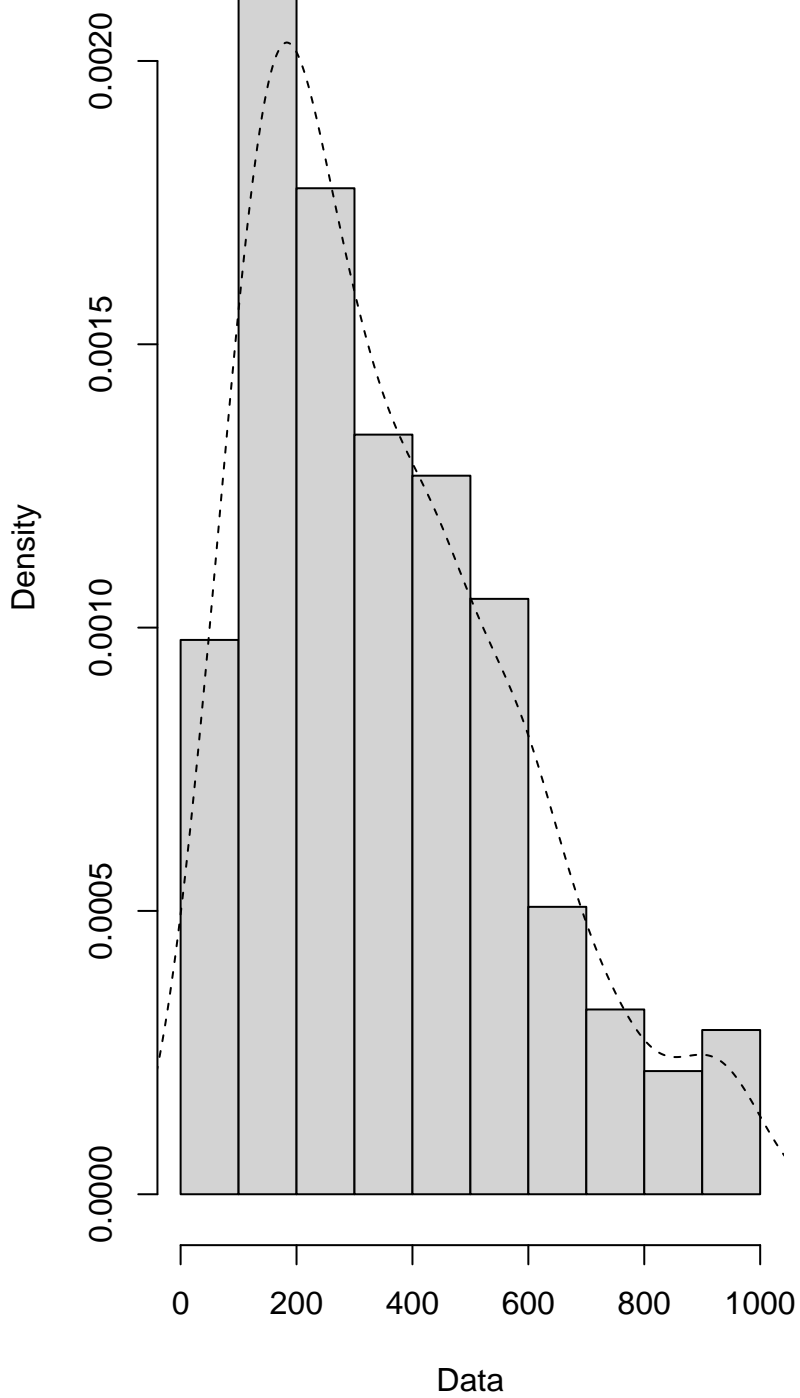


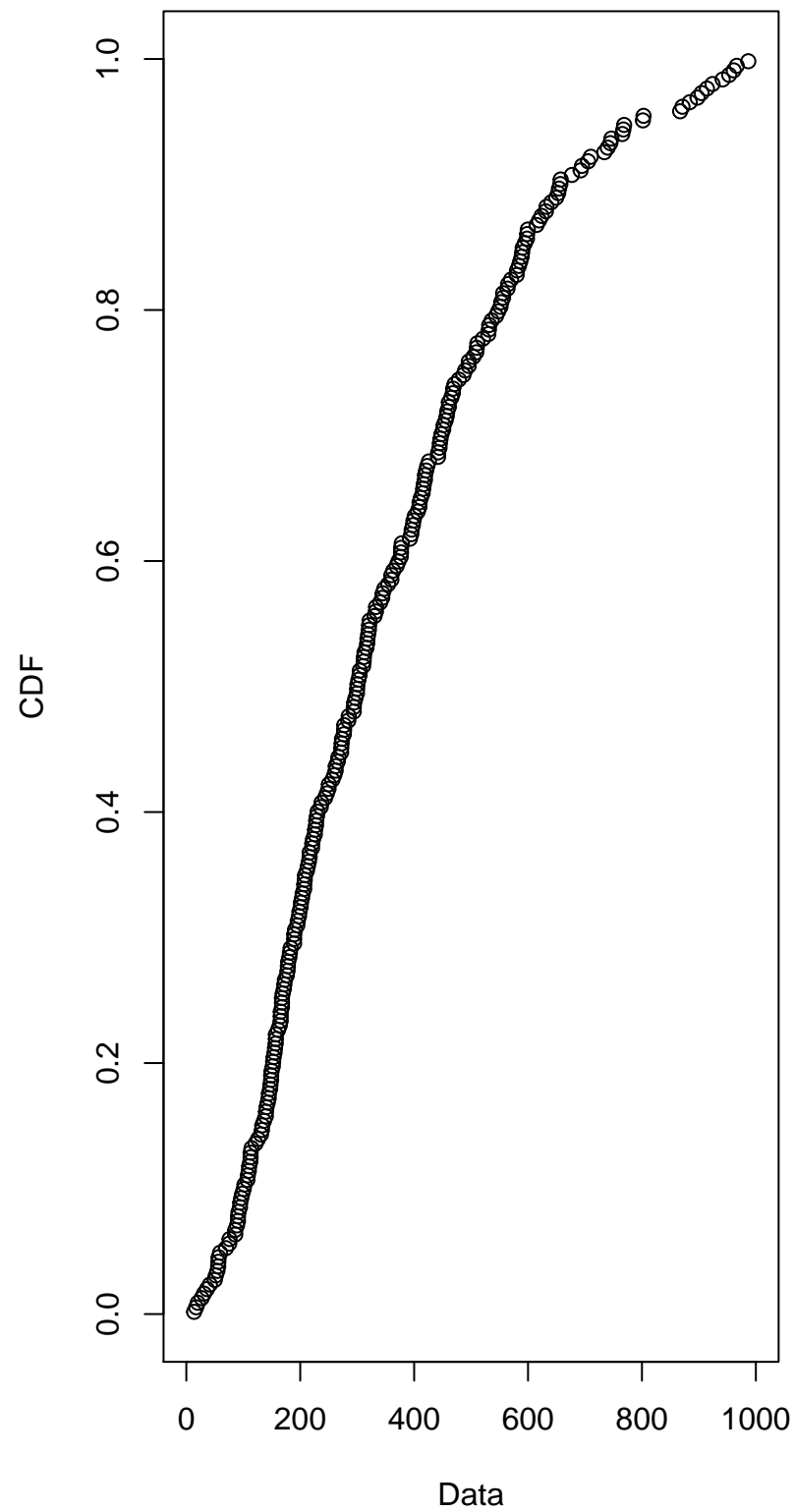
Summary of the variable

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
13.68	168.00	300.26	348.69	487.23	986.76	339

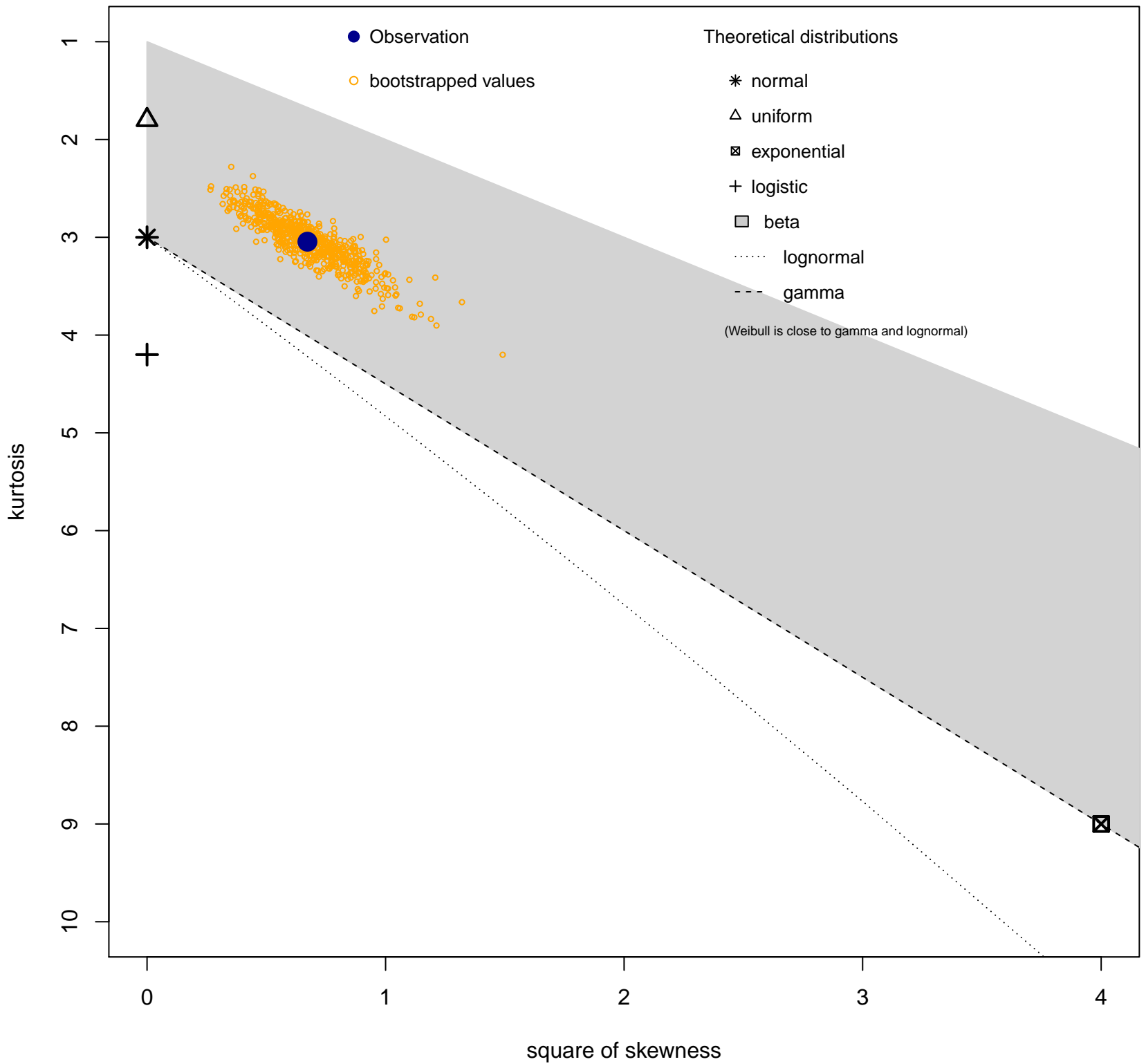
Empirical density



Cumulative distribution



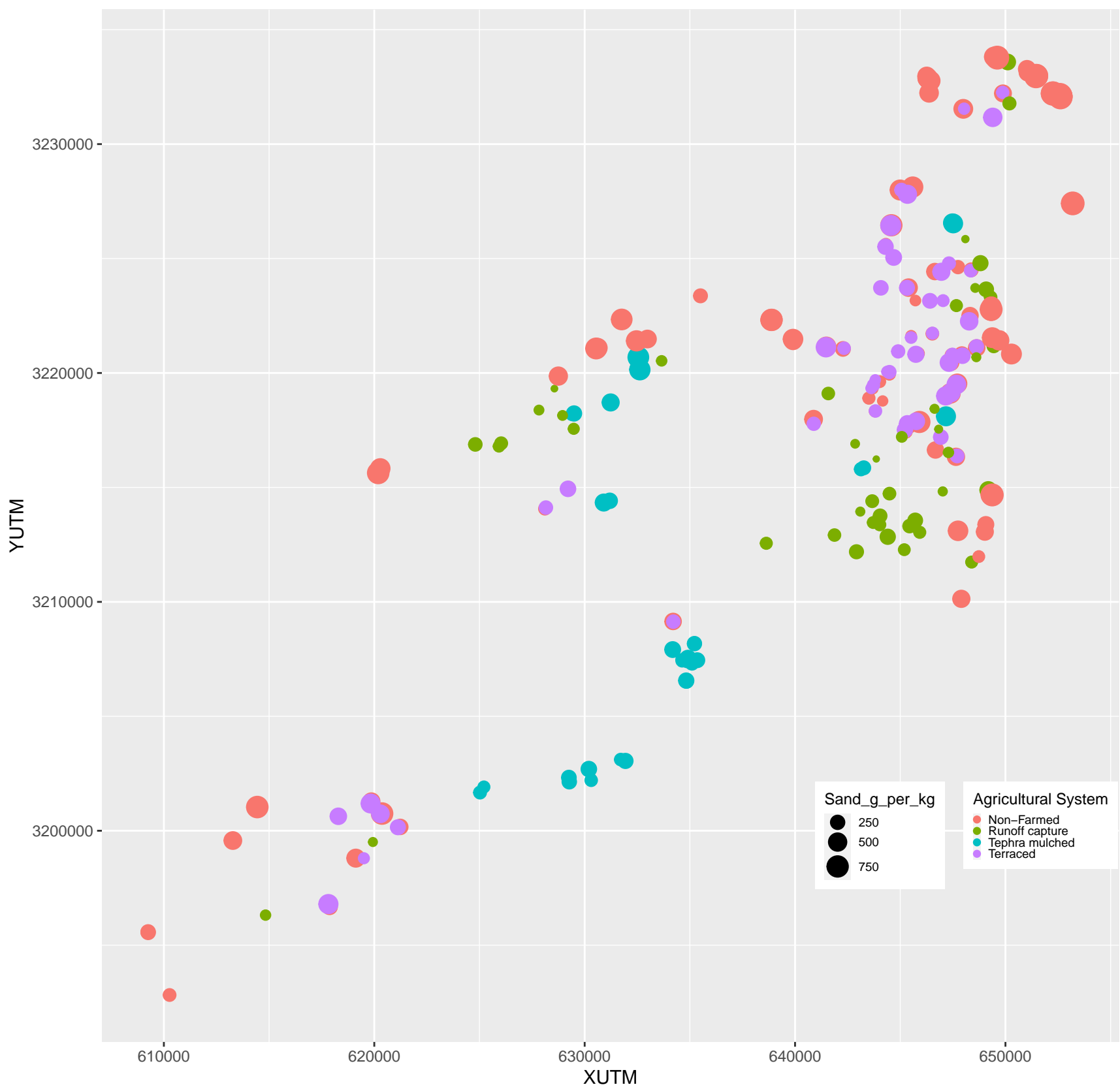
Cullen and Frey graph



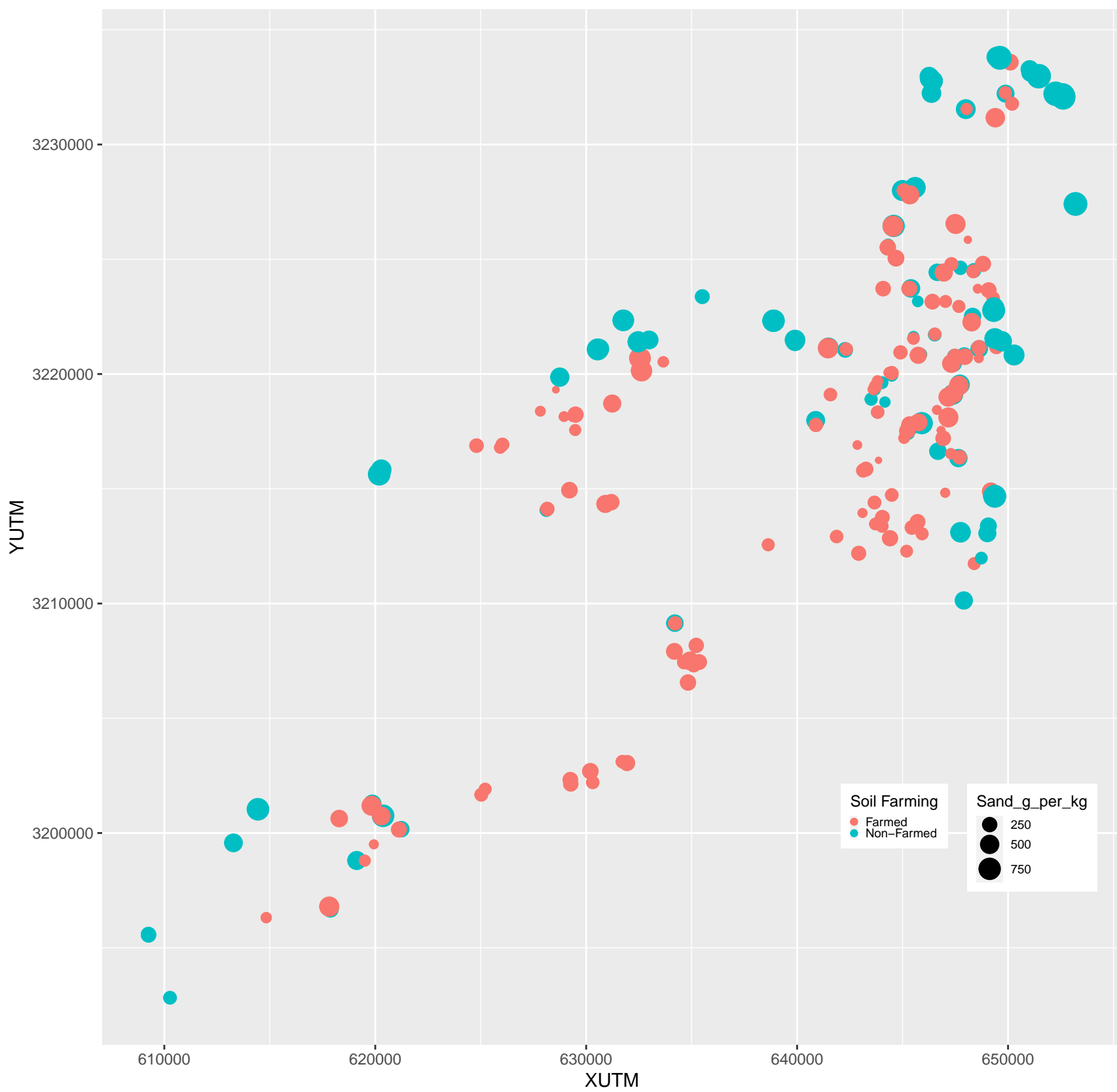
Shapiro–Wilk test for normality

Shapiro–Wilk normality test
data: dataframe[, variable_chr]
W = 0.93483, p-value = 1.13e-09

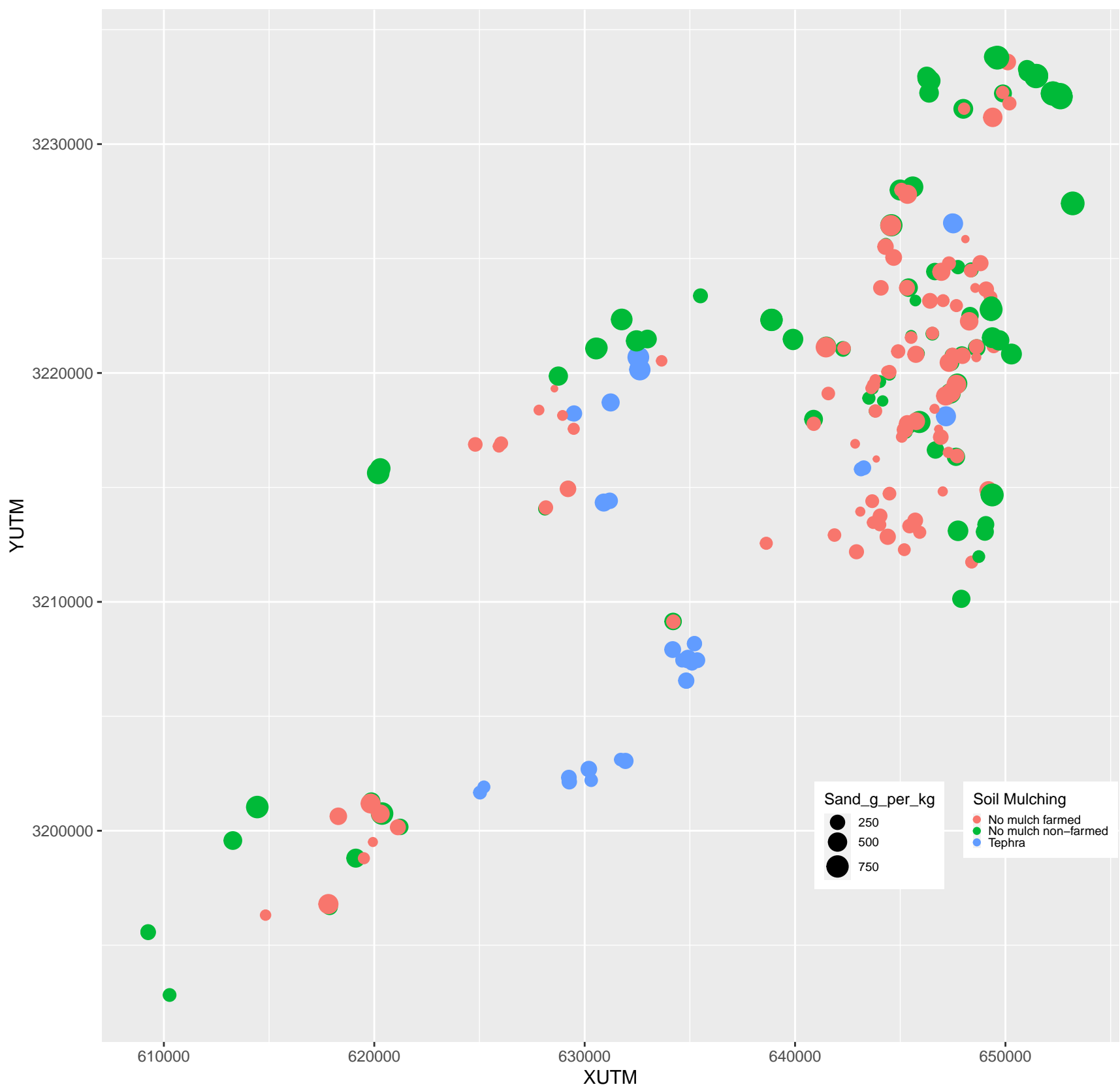
Sand_g_per_kg according to location and Agricultural System



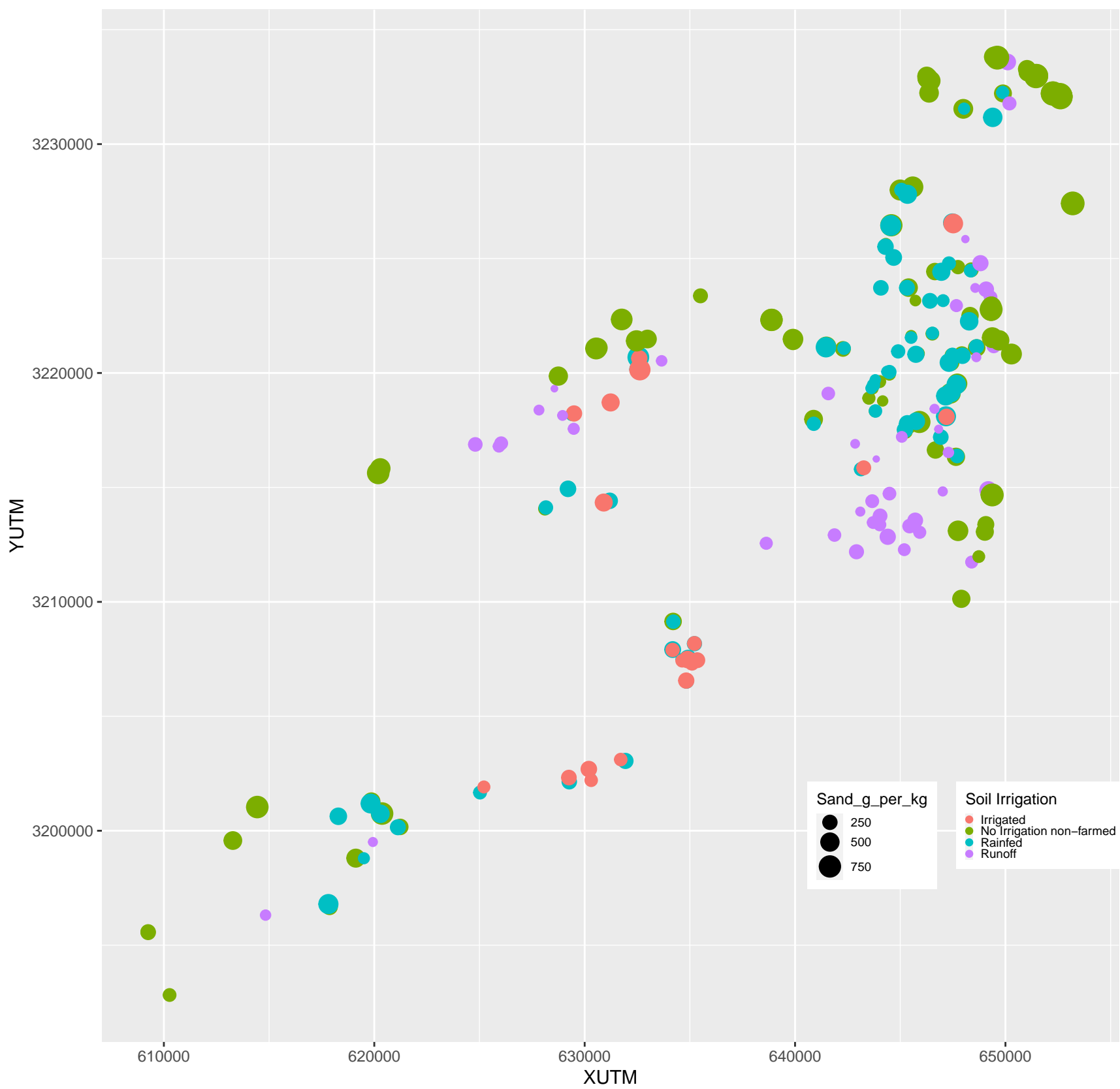
Sand_g_per_kg according to location and Soil Farming



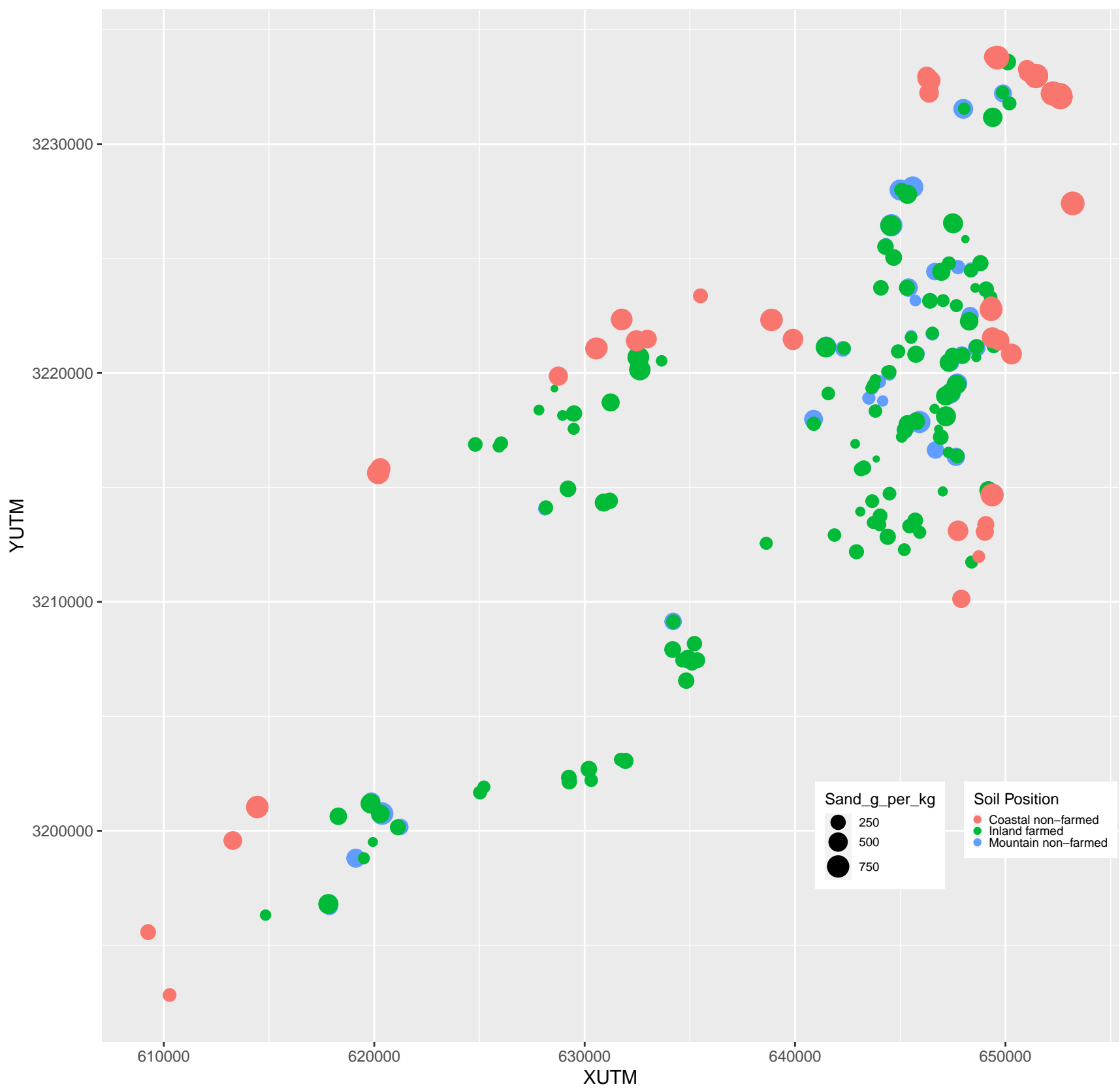
Sand_g_per_kg according to location and Soil Mulching



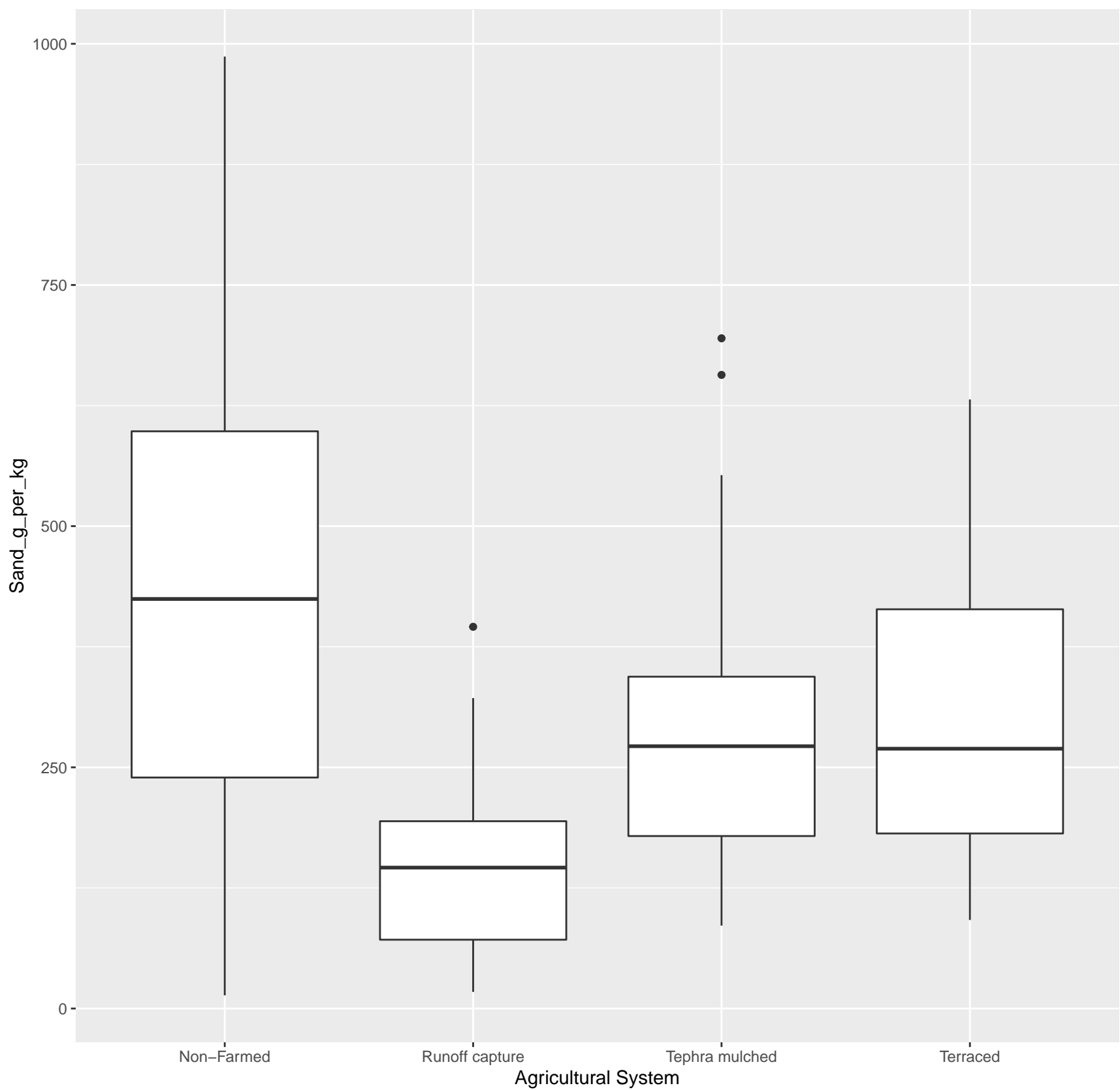
Sand_g_per_kg according to location and Soil Irrigation



Sand_g_per_kg according to location and Soil Position



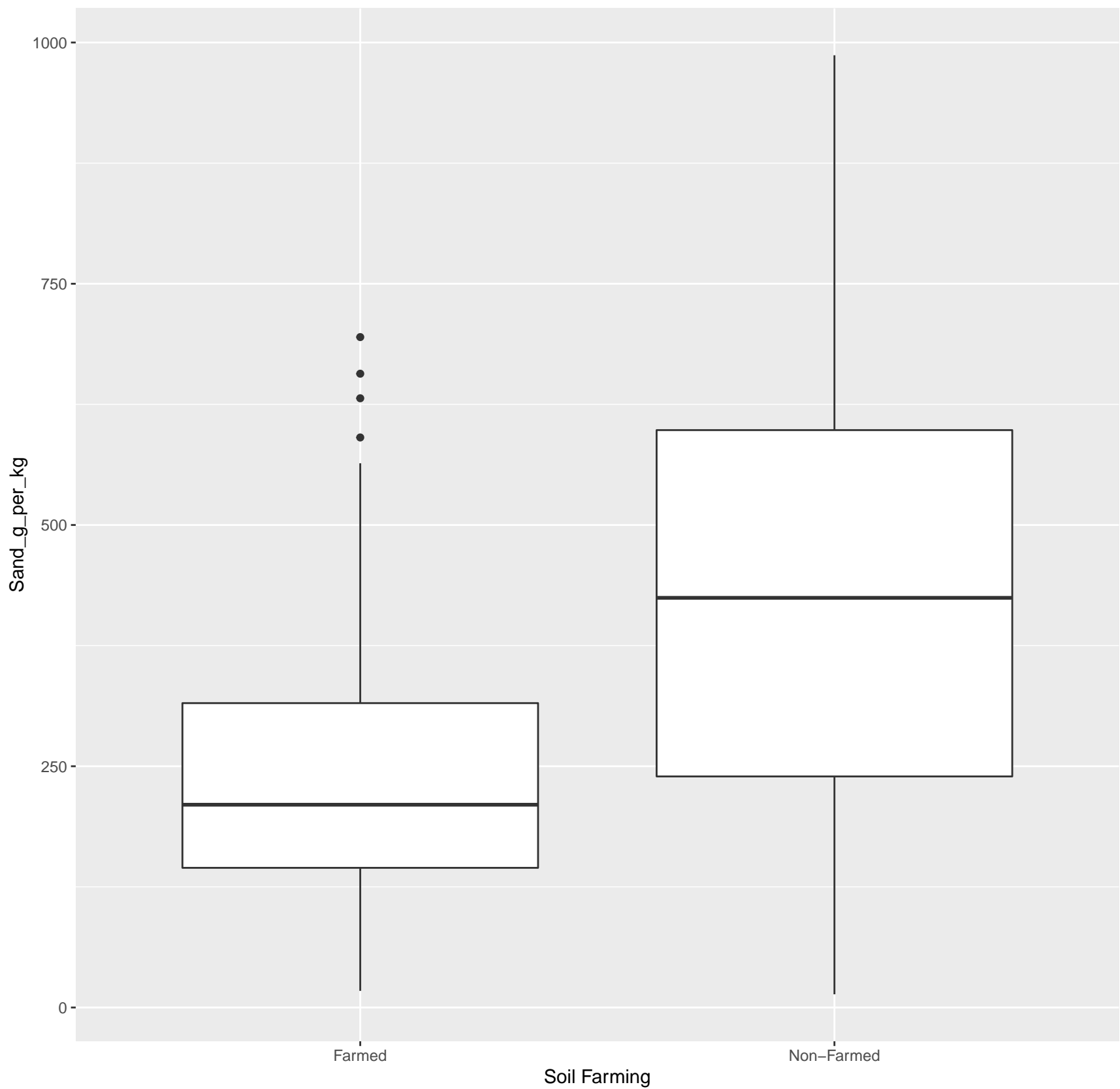
Sand_g_per_kg to Agricultural System



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	Sand_g_per_kg	Non-Farmed	Runoff capture	142	44	5477	4.73e-14	2.84e-13	****
2	Sand_g_per_kg	Non-Farmed	Tephra mulched	142	40	3960	1.43e-04	4.29e-04	***
3	Sand_g_per_kg	Non-Farmed	Terraced	142	50	4826	1.60e-04	4.29e-04	***
4	Sand_g_per_kg	Runoff capture	Tephra mulched	44	40	336	3.66e-07	1.46e-06	****
5	Sand_g_per_kg	Runoff capture	Terraced	44	50	419	2.52e-07	1.26e-06	****
6	Sand_g_per_kg	Tephra mulched	Terraced	40	50	968	7.98e-01	7.98e-01	ns

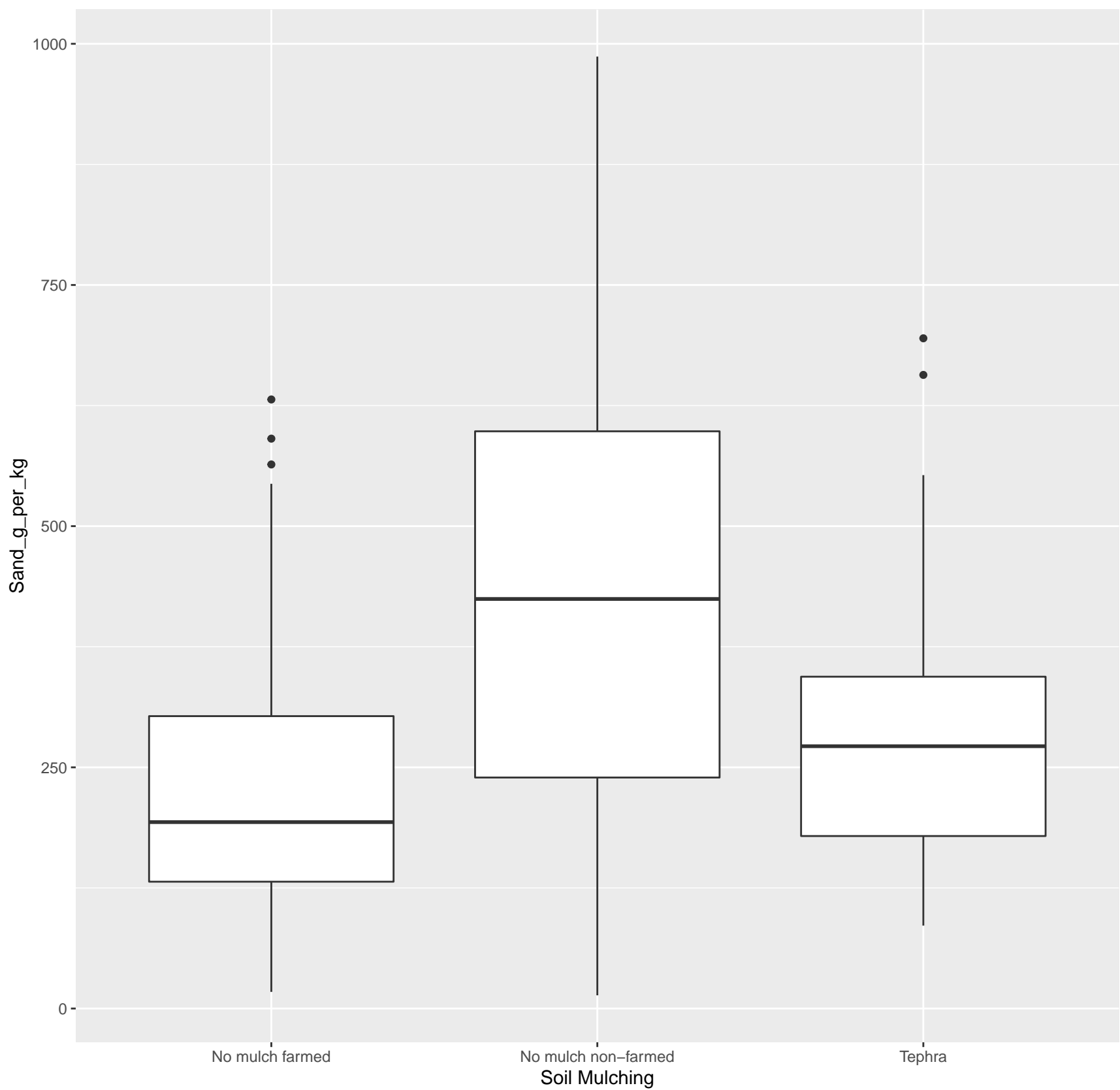
Sand_g_per_kg to Soil Farming



Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p
1	Sand_g_per_kg	Farmed	Non-Farmed	134	142	4765	7.78e−13

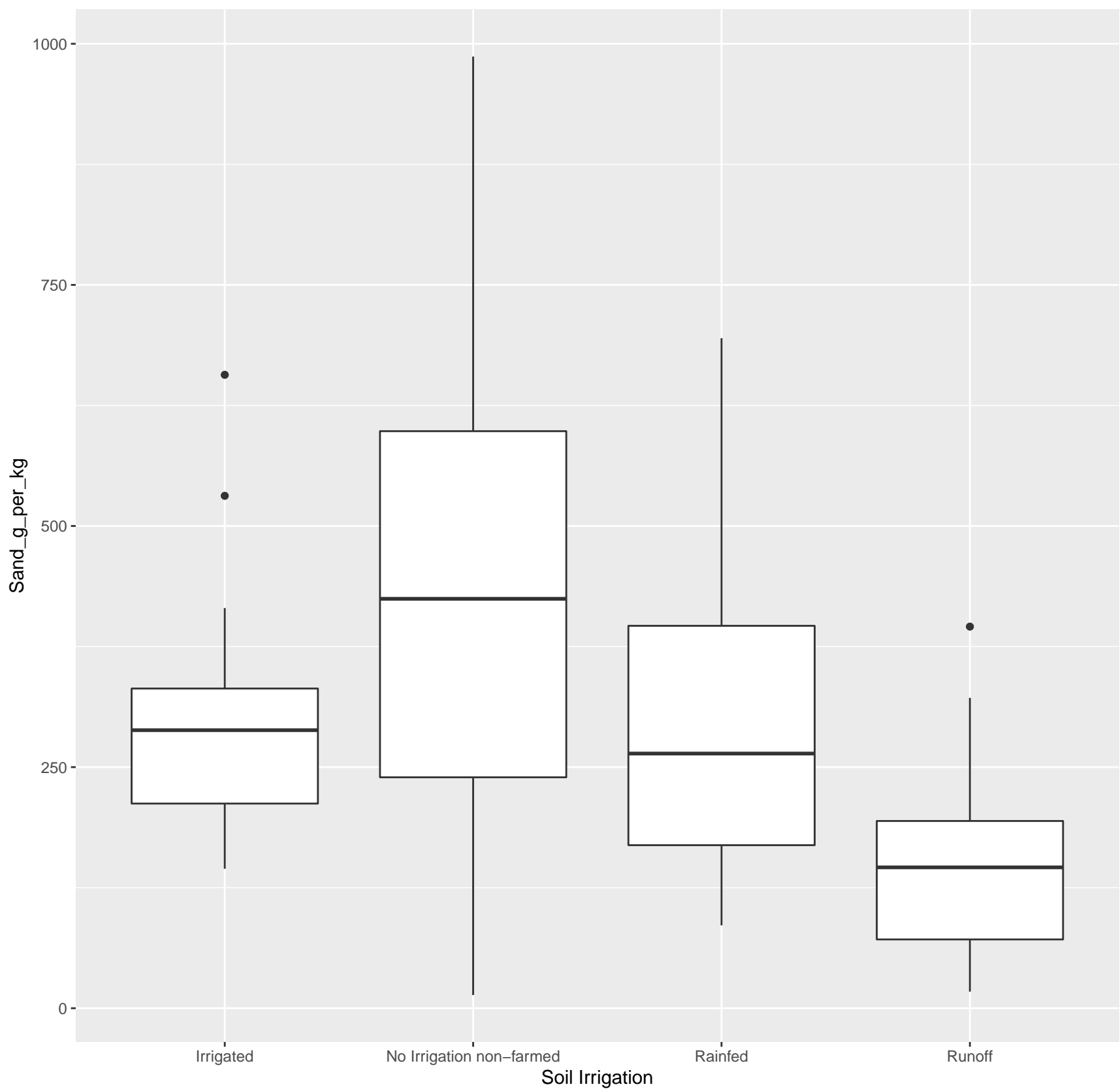
Sand_g_per_kg to Soil Mulching



Wilcox test for mean comparison

.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.sig
Sand_g_per_kg	No mulch farmed	No mulch non-farmed	94	142	3045	1.58e-12	4.74e-12	****
Sand_g_per_kg	No mulch farmed	Tephra	94	40	1368	1.30e-02	1.30e-02	*
Sand_g_per_kg	No mulch non-farmed	Tephra	142	40	3960	1.43e-04	2.86e-04	***

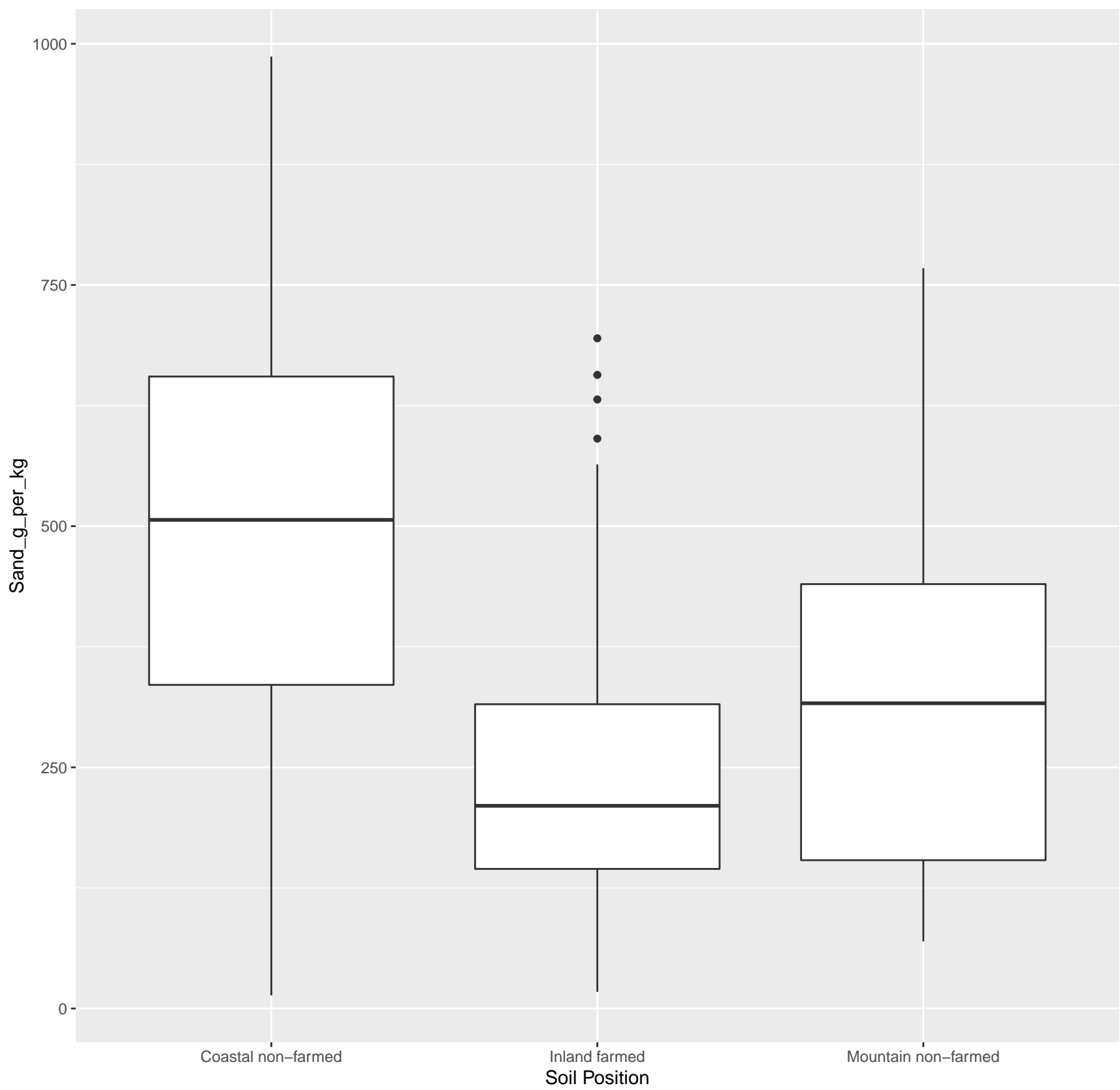
Sand_g_per_kg to Soil Irrigation



Wilcox test for mean comparison

.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.
and_g_per_kg	Irrigated	No Irrigation non-farmed	20	142	897	8.00e-03	1.60e-02	*
and_g_per_kg	Irrigated	Rainfed	20	70	754	6.04e-01	6.04e-01	n
and_g_per_kg	Irrigated	Runoff	20	44	755	1.16e-06	4.64e-06	**
and_g_per_kg	No Irrigation non-farmed	Rainfed	142	70	6843	8.28e-06	2.48e-05	**
and_g_per_kg	No Irrigation non-farmed	Runoff	142	44	5477	4.73e-14	2.84e-13	**
and_g_per_kg	Rainfed	Runoff	70	44	2450	1.20e-07	6.00e-07	**

Sand_g_per_kg to Soil Position



Wilcox test for mean comparison

.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.sign
Sand_g_per_kg	Coastal non-farmed	Inland farmed	92	134	10198	6.69e-17	2.01e-16	****
Sand_g_per_kg	Coastal non-farmed	Mountain non-farmed	92	50	3375	4.45e-06	8.90e-06	****
Sand_g_per_kg	Inland farmed	Mountain non-farmed	134	50	2635	2.60e-02	2.60e-02	*