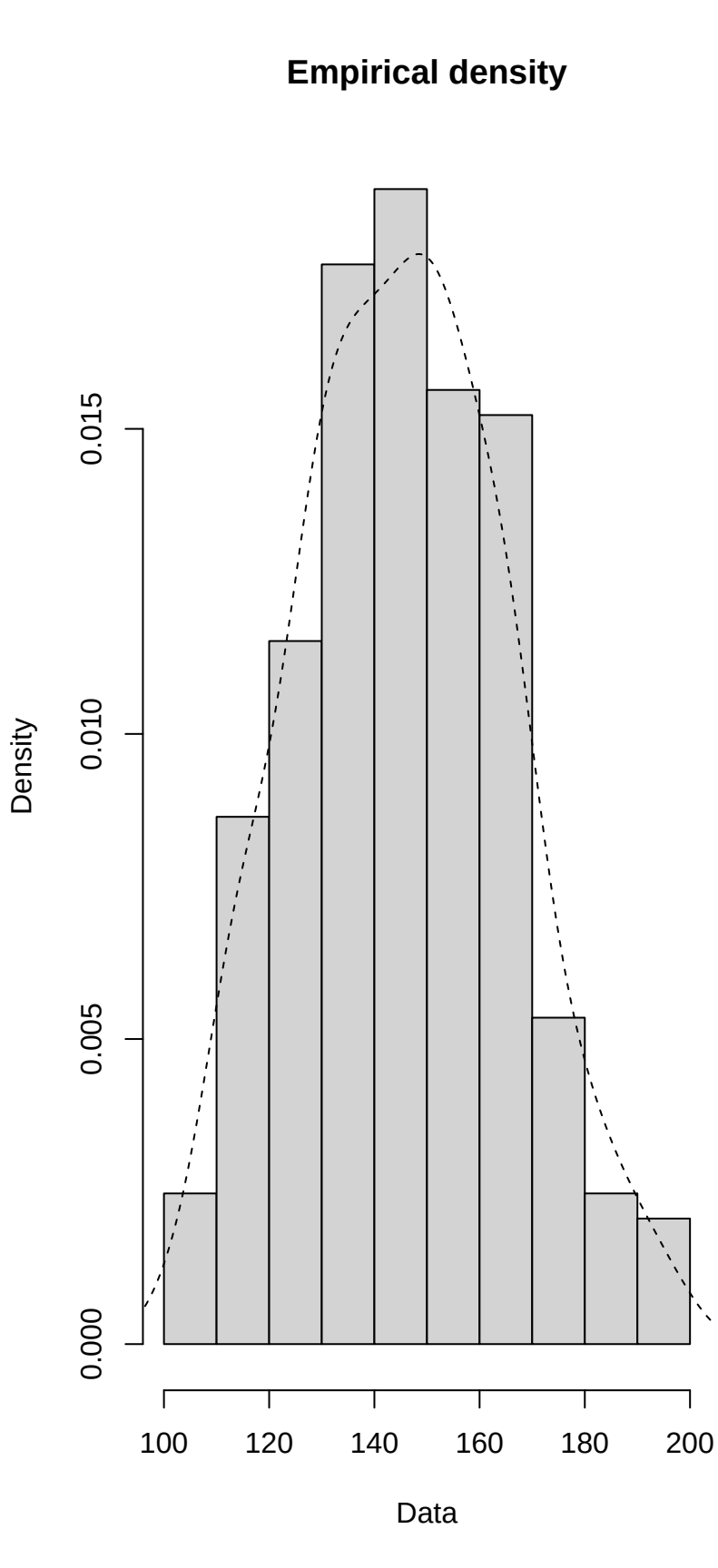
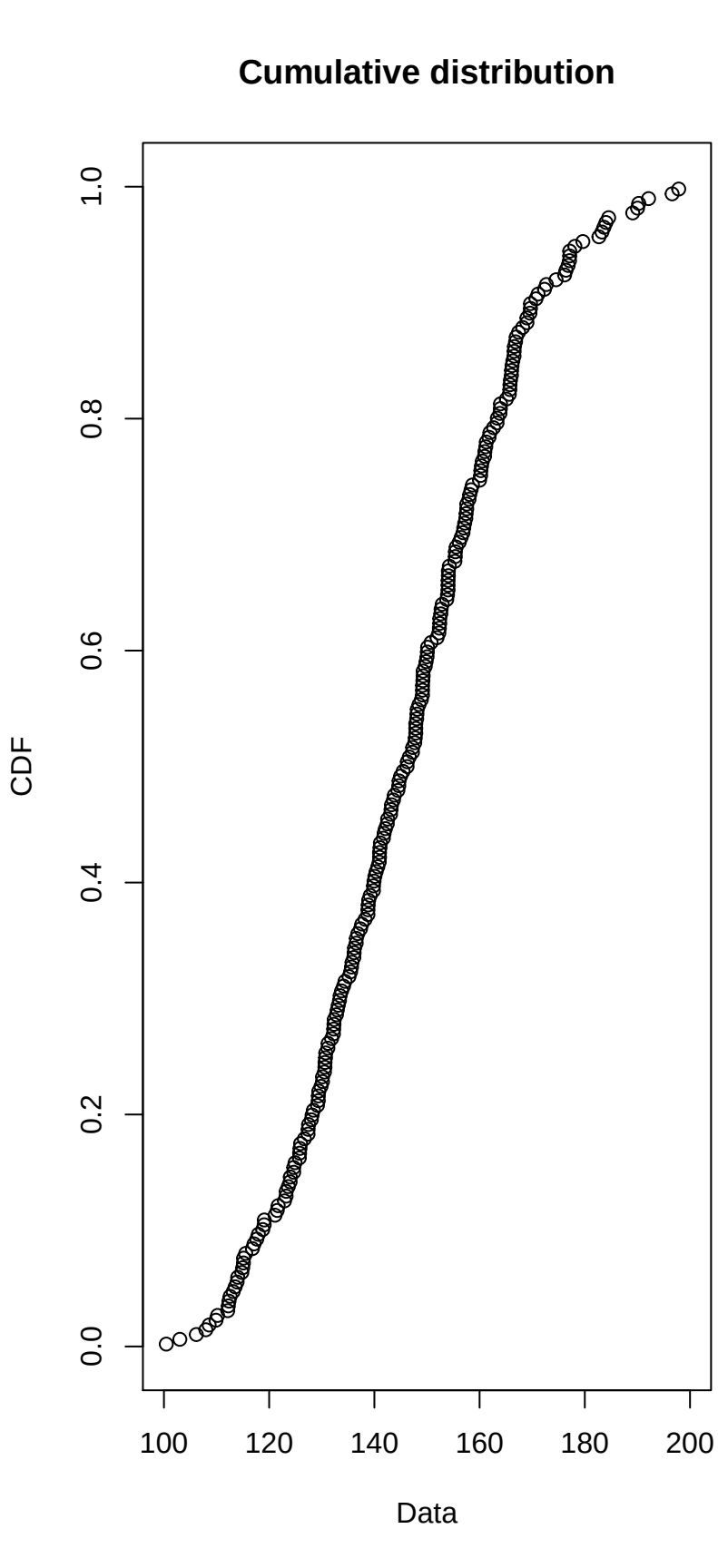
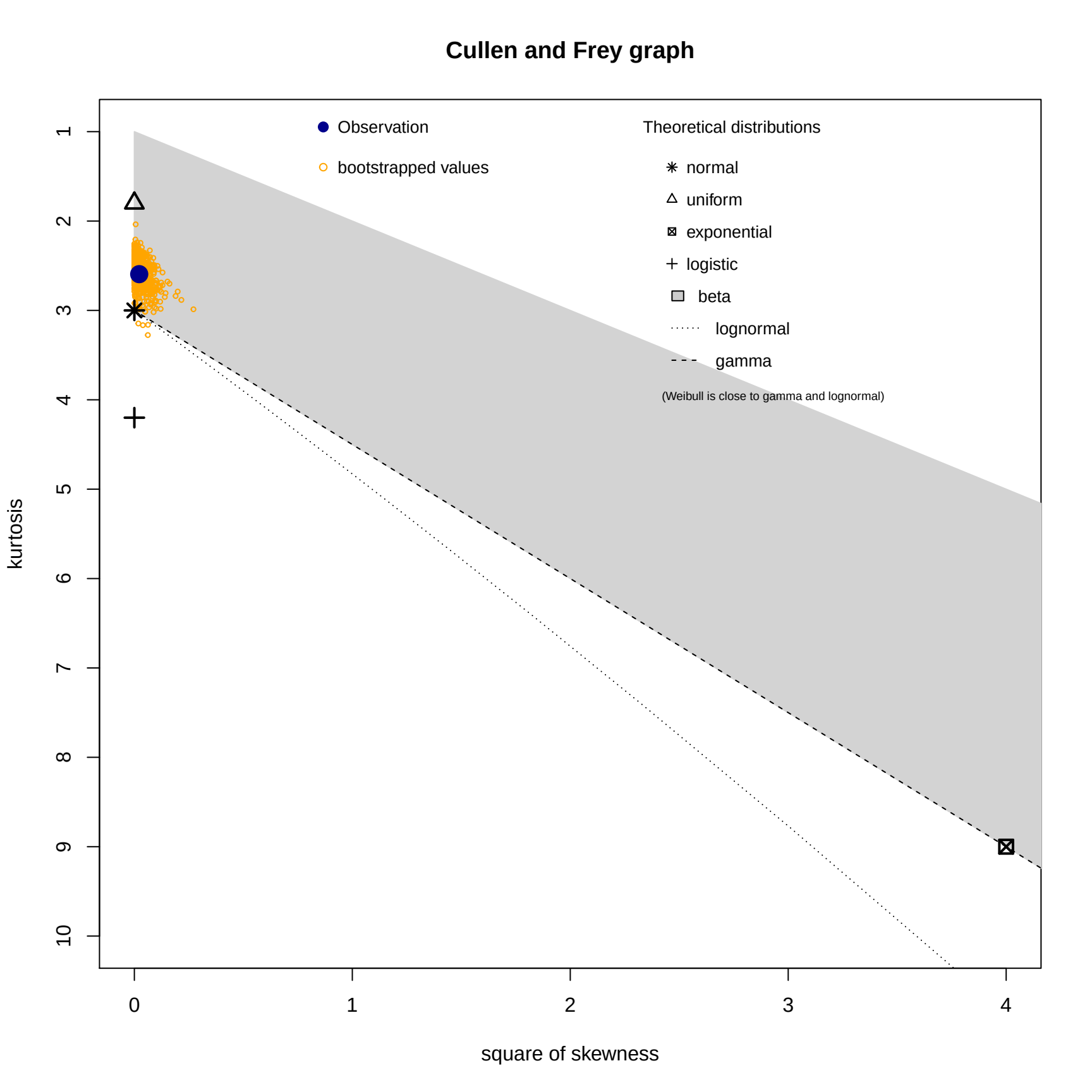
Summary of the variable

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
100.4	130.7	146.2	145.6	160.1	197.9	372

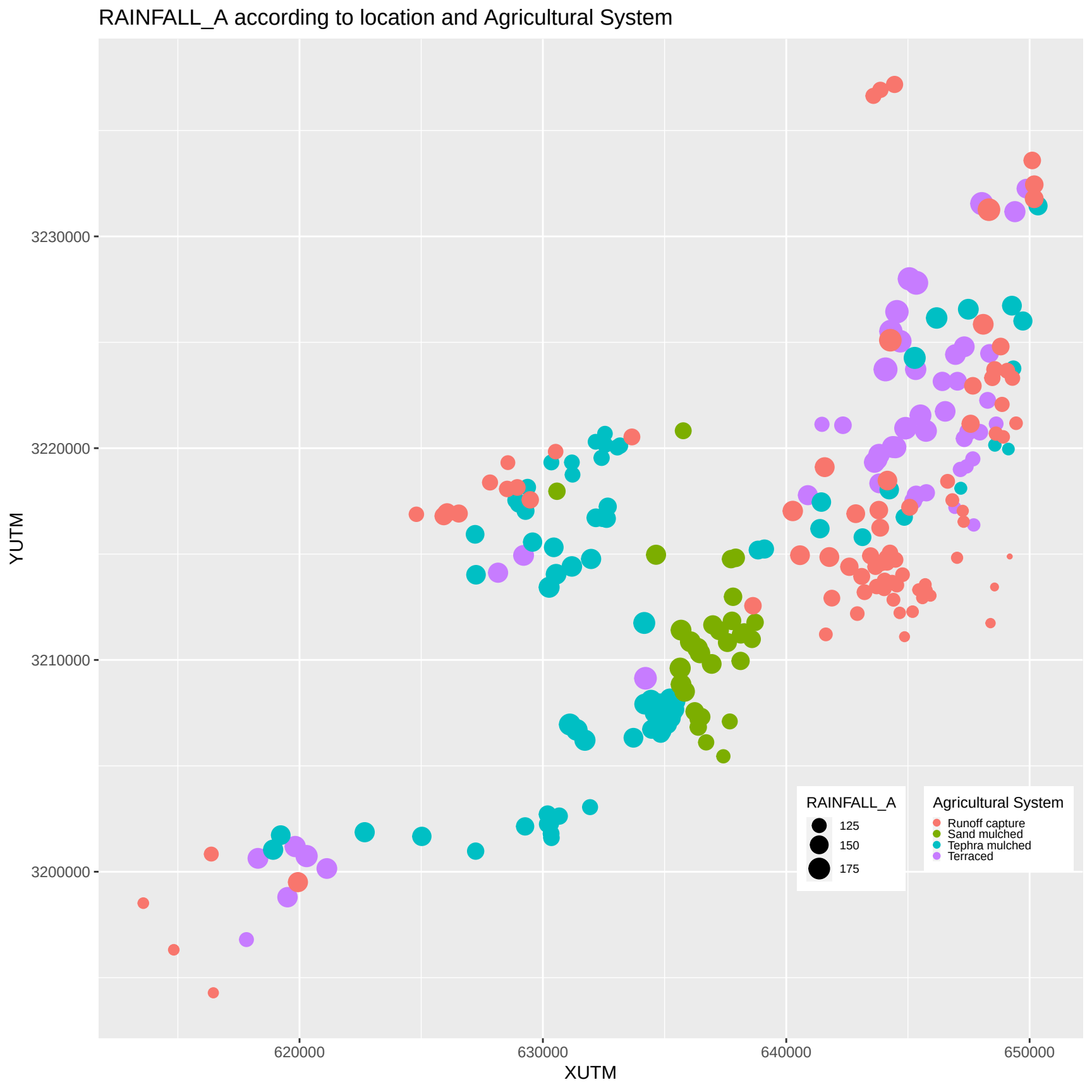

Empirical density
Density
0.000
0.005
0.010
0.015
100
120
140
160
180
200
Data


Cumulative distribution
CDF
0.0
0.2
0.4
0.6
0.8
1.0
100
120
140
160
180
200
Data

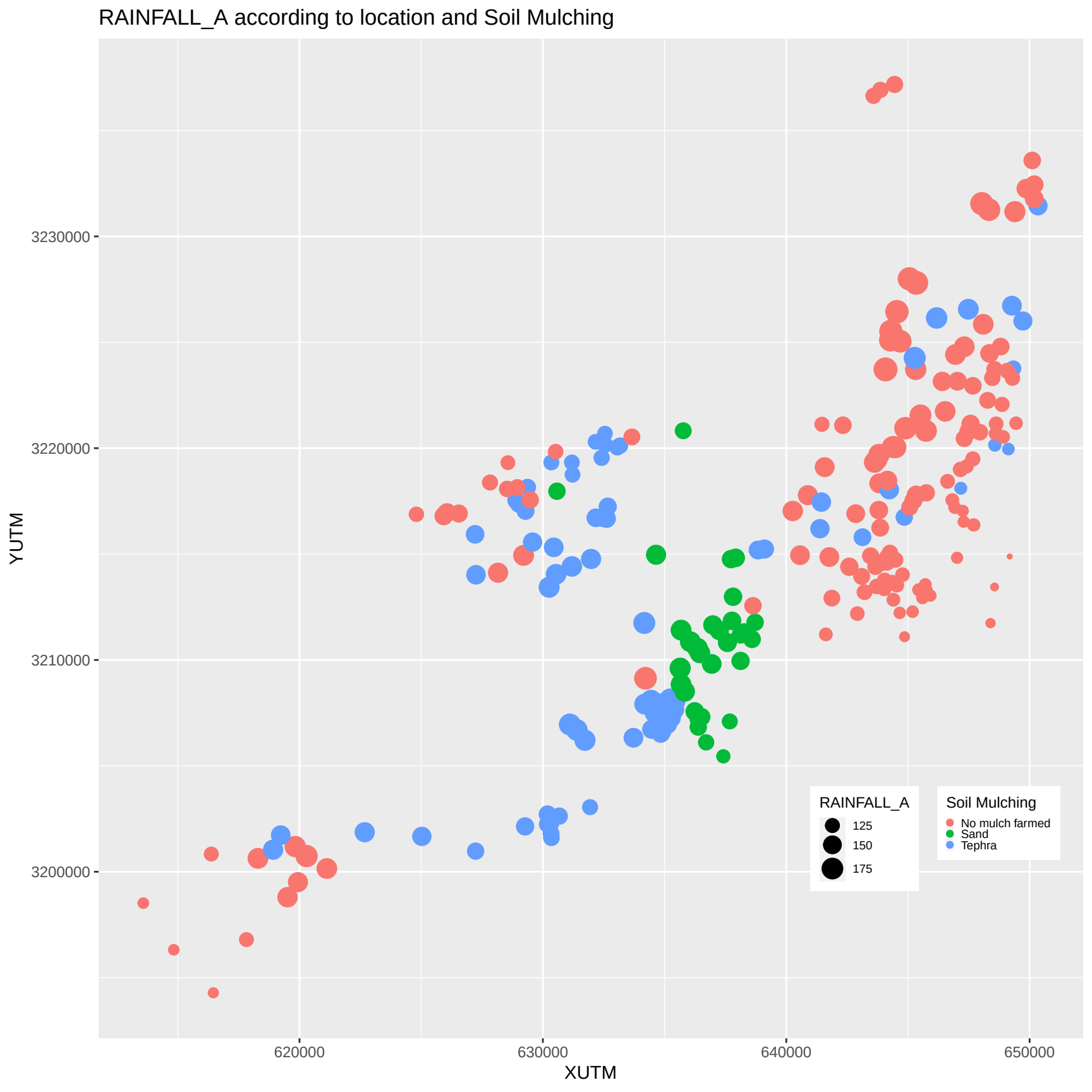

Cullen and Frey graph
Observation
bootstrapped values
Theoretical distributions
normal
uniform
exponential
logistic
beta
lognormal
gamma
(Weibull is close to gamma and lognormal)
kurtosis
square of skewness
1
2
3
4
5
6
7
8
9
10
0
1
2
3
4

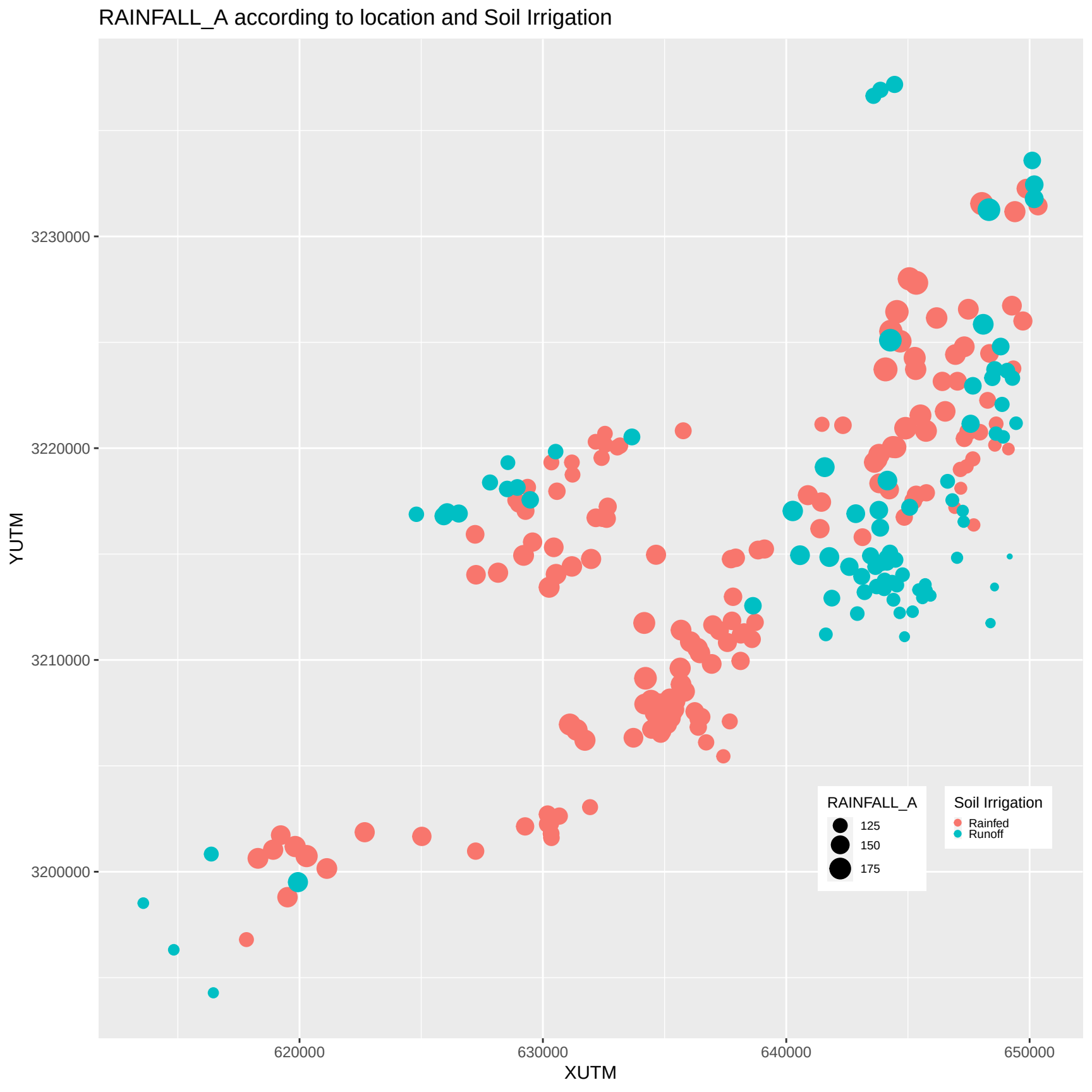
Shapiro−Wilk test for normality

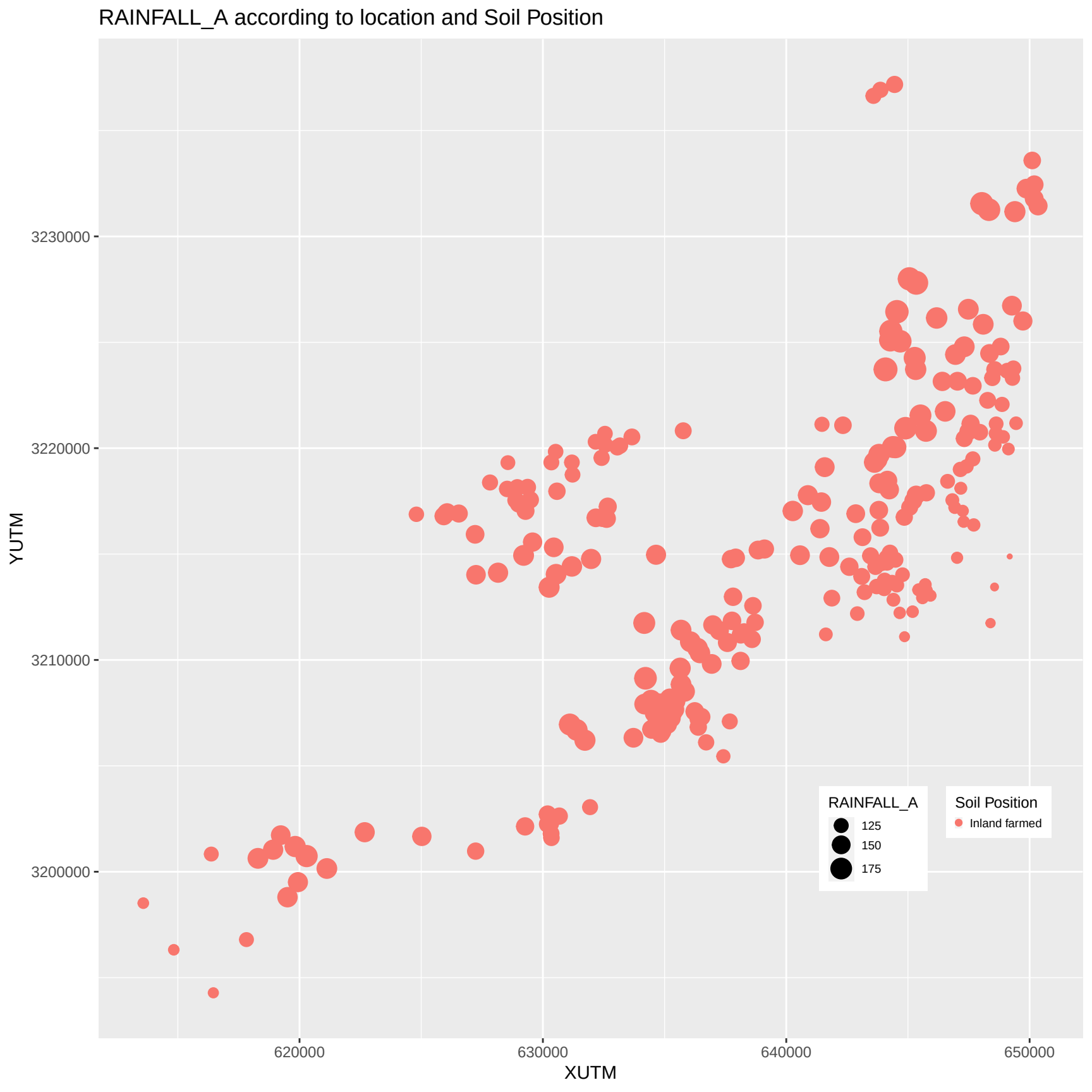
Shapiro−Wilk normality test
data: dataframe[, variable_chr]
W = 0.99262, p−value = 0.2676

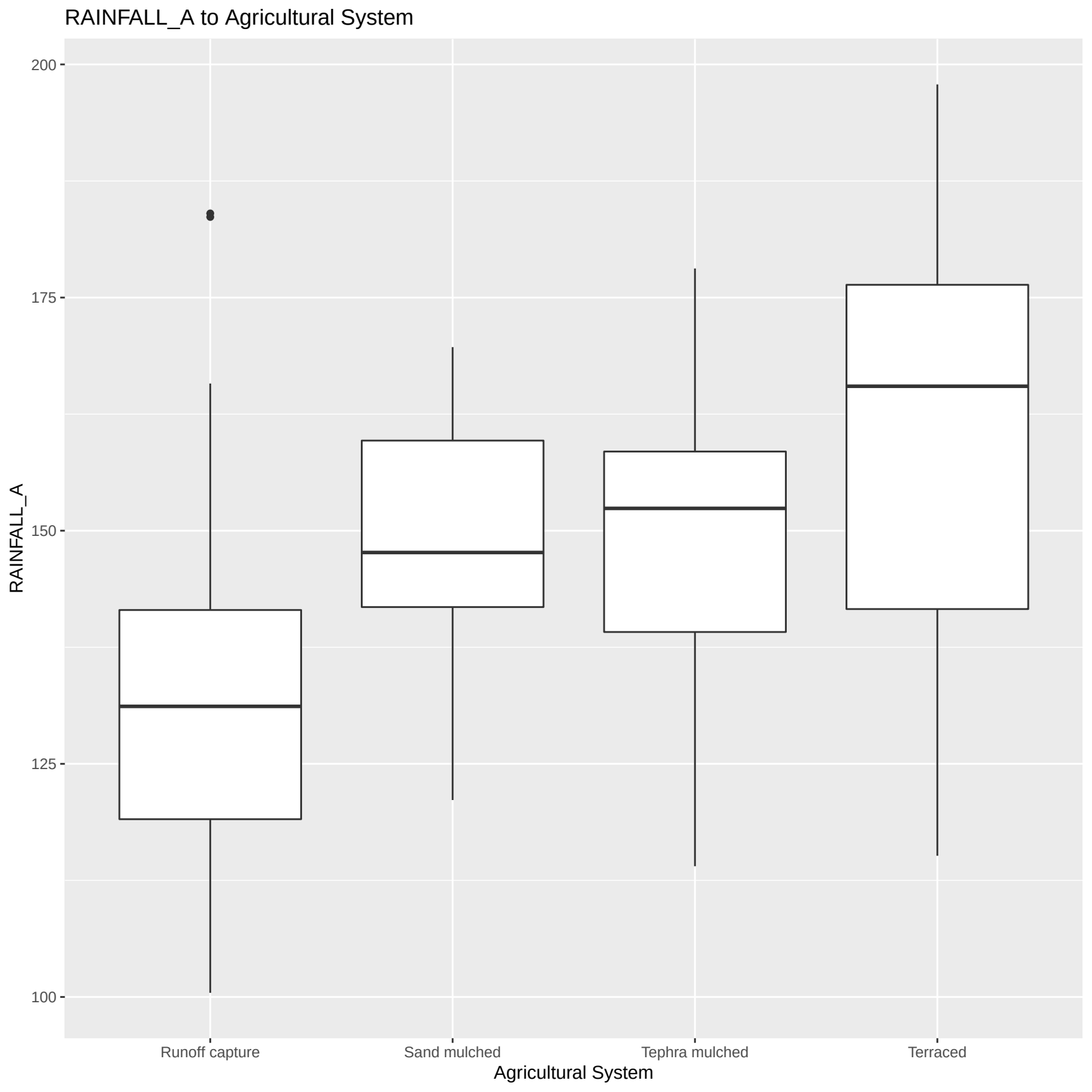

RAINFALL_A according to location and Agricultural System
YUTM
3230000
3220000
3210000
3200000
620000
630000
640000
650000
XUTM
RAINFALL_A
125
150
175
Agricultural System
Runoff capture
Sand mulched
Tephra mulched
Terraced


RAINFALL_A according to location and Soil Farming
3230000
3220000
3210000
3200000
YUTM
620000
630000
640000
650000
XUTM
RAINFALL_A
125
150
175
Soil Farming
Farmed


RAINFALL_A according to location and Soil Mulching
YUTM
3230000
3220000
3210000
3200000
XUTM
620000
630000
640000
650000
RAINFALL_A
125
150
175
Soil Mulching
No mulch farmed
Sand
Tephra

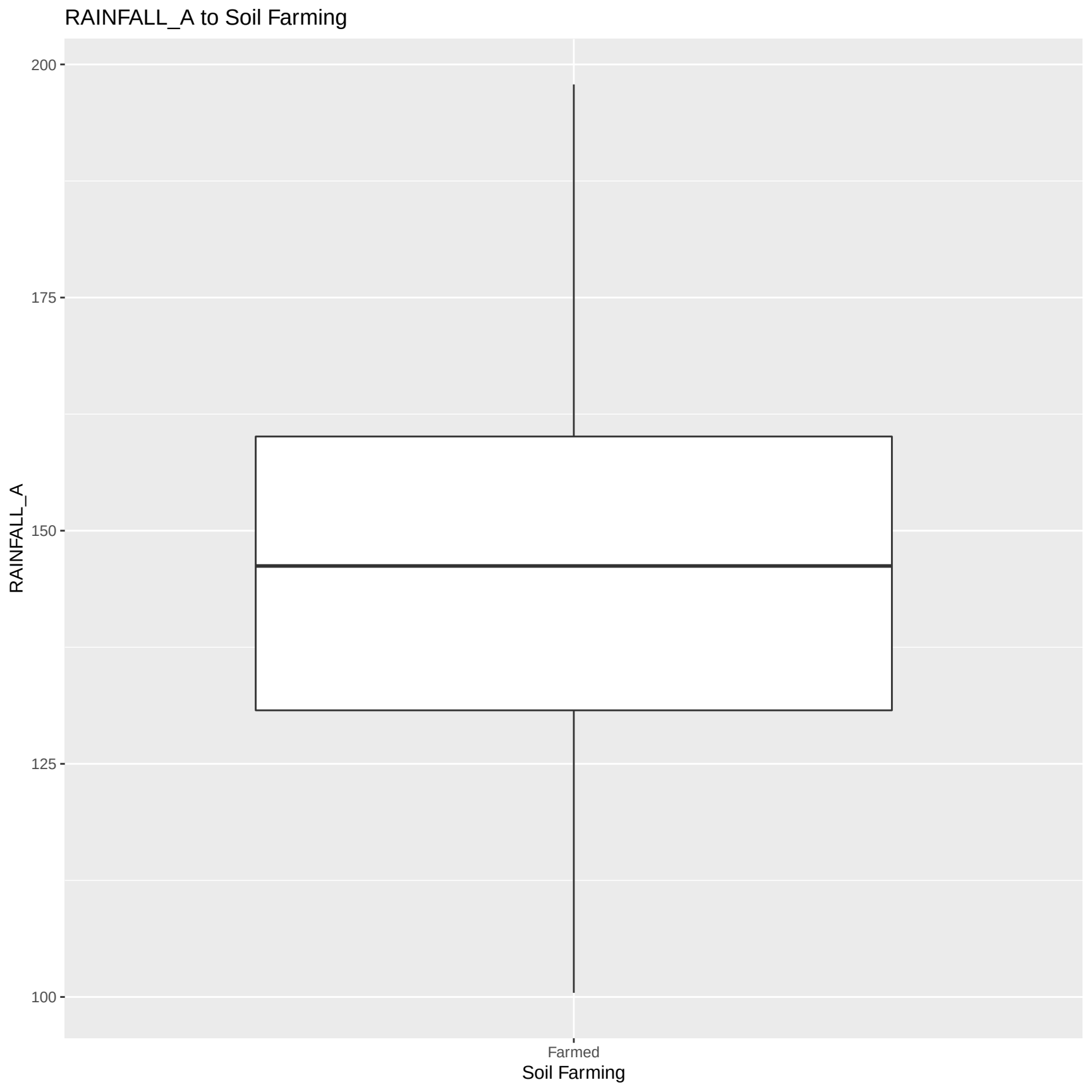

RAINFALL_A according to location and Soil Irrigation
YUTM
3230000
3220000
3210000
3200000
620000
630000
640000
650000
XUTM
RAINFALL_A
125
150
175
Soil Irrigation
Rainfed
Runoff

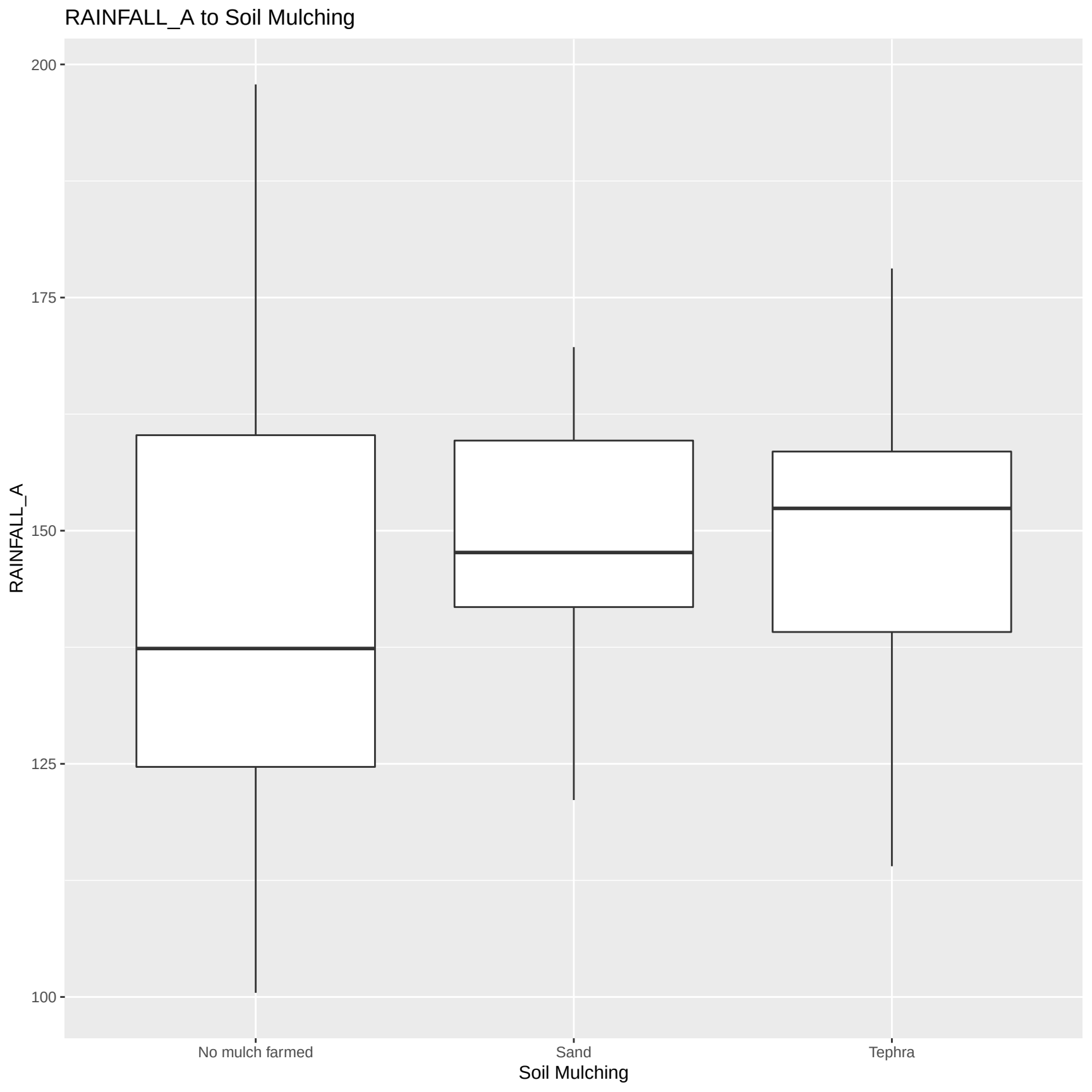

RAINFALL_A according to location and Soil Position
3230000
3220000
3210000
3200000
YUTM
620000
630000
640000
650000
XUTM
RAINFALL_A
125
150
175
Soil Position
Inland farmed


RAINFALL_A to Agricultural System
200
175
150
125
100
RAINFALL_A
Runoff capture
Sand mulched
Tephra mulched
Terraced
Agricultural System

Wilcox test for mean comparison

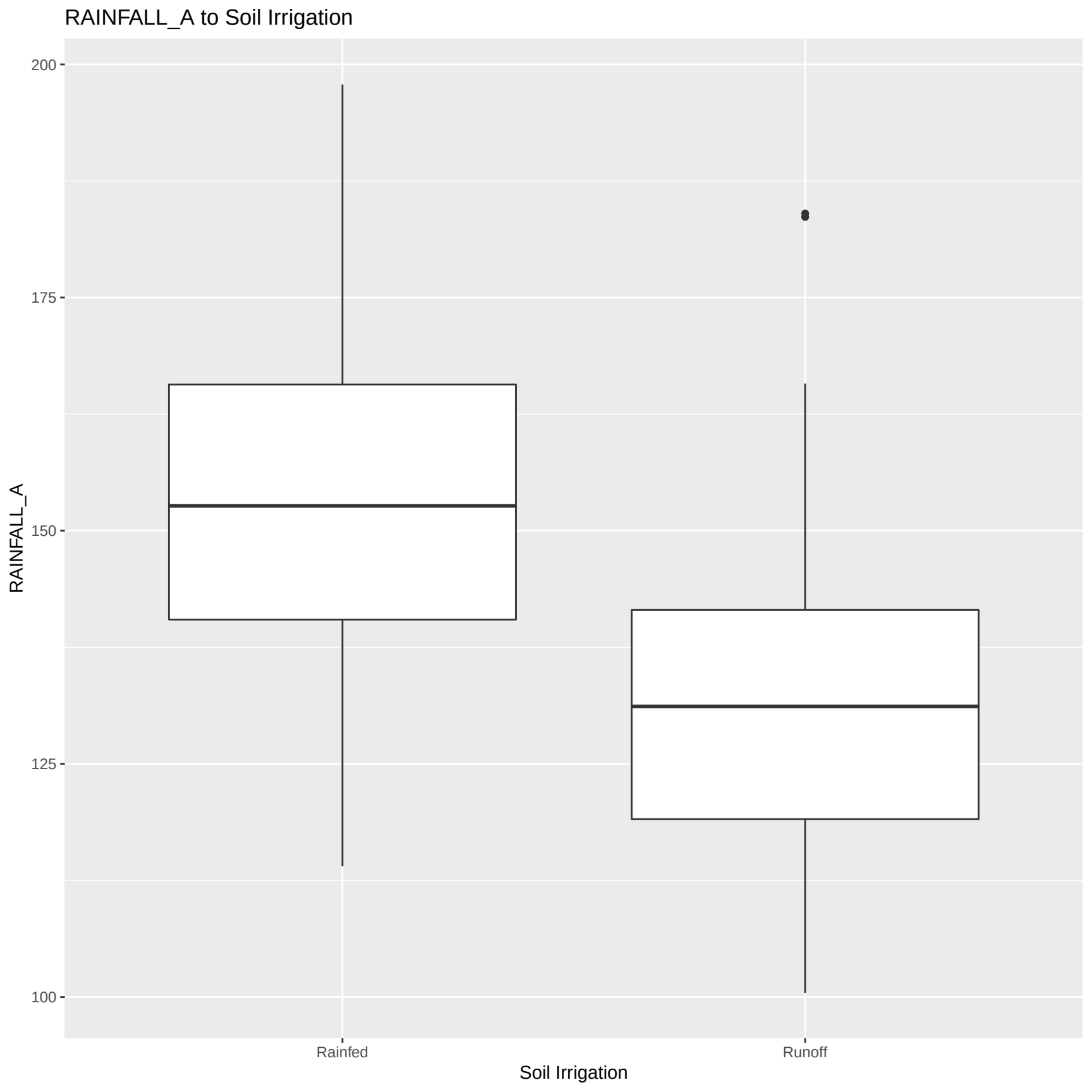
	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	RAINFALL_A	Runoff capture	Sand mulched	83	30	484.0	7.63e−07	3.05e−06	****
2	RAINFALL_A	Runoff capture	Tephra mulched	83	80	1371.0	9.91e−11	5.95e−10	****
3	RAINFALL_A	Runoff capture	Terraced	83	50	741.0	5.84e−10	2.92e−09	****
4	RAINFALL_A	Sand mulched	Tephra mulched	30	80	1154.0	7.60e−01	7.60e−01	ns
5	RAINFALL_A	Sand mulched	Terraced	30	50	512.0	1.80e−02	3.70e−02	*
6	RAINFALL_A	Tephra mulched	Terraced	80	50	1391.5	4.00e−03	1.10e−02	*


RAINFALL_A to Soil Farming
200
175
150
125
100
RAINFALL_A
Farmed
Soil Farming


RAINFALL_A to Soil Mulching
200
175
150
125
100
RAINFALL_A
No mulch farmed
Sand
Tephra
Soil Mulching

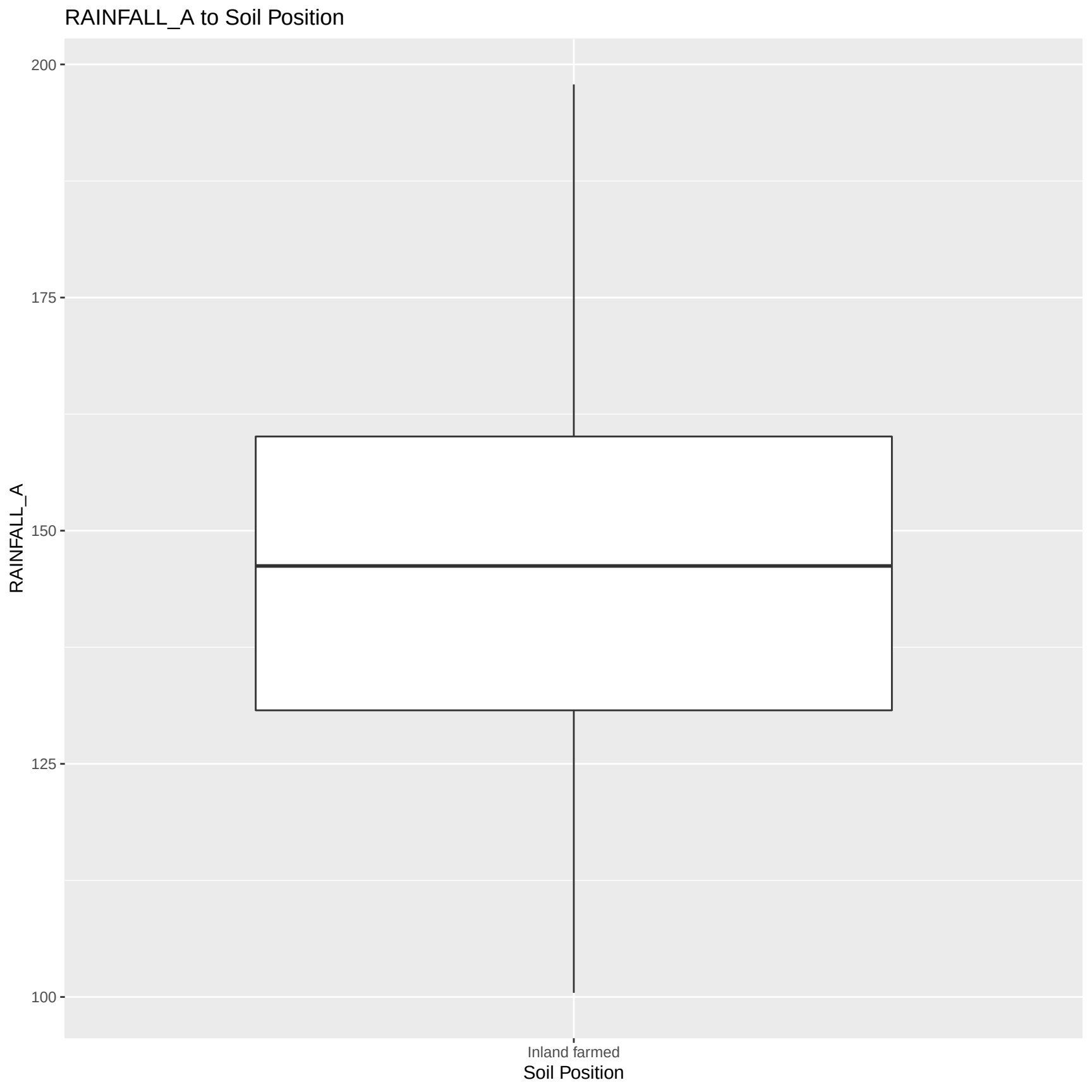
Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p	p.adj	p.adj.signif
1	RAINFALL_A	No mulch farmed	Sand	133	30	1472.0	0.025	0.051	ns
2	RAINFALL_A	No mulch farmed	Tephra	133	80	3979.5	0.002	0.006	**
3	RAINFALL_A	Sand	Tephra	30	80	1154.0	0.760	0.760	ns


RAINFALL_A to Soil Irrigation
200
175
150
125
100
RAINFALL_A
Rainfed
Runoff
Soil Irrigation

Wilcox test for mean comparison

	.y.	group1	group2	n1	n2	statistic	p
1	RAINFALL_A	Rainfed	Runoff	160	83	10684	7.18e−15


RAINFALL_A to Soil Position
200
175
150
125
100
RAINFALL_A
Inland farmed
Soil Position