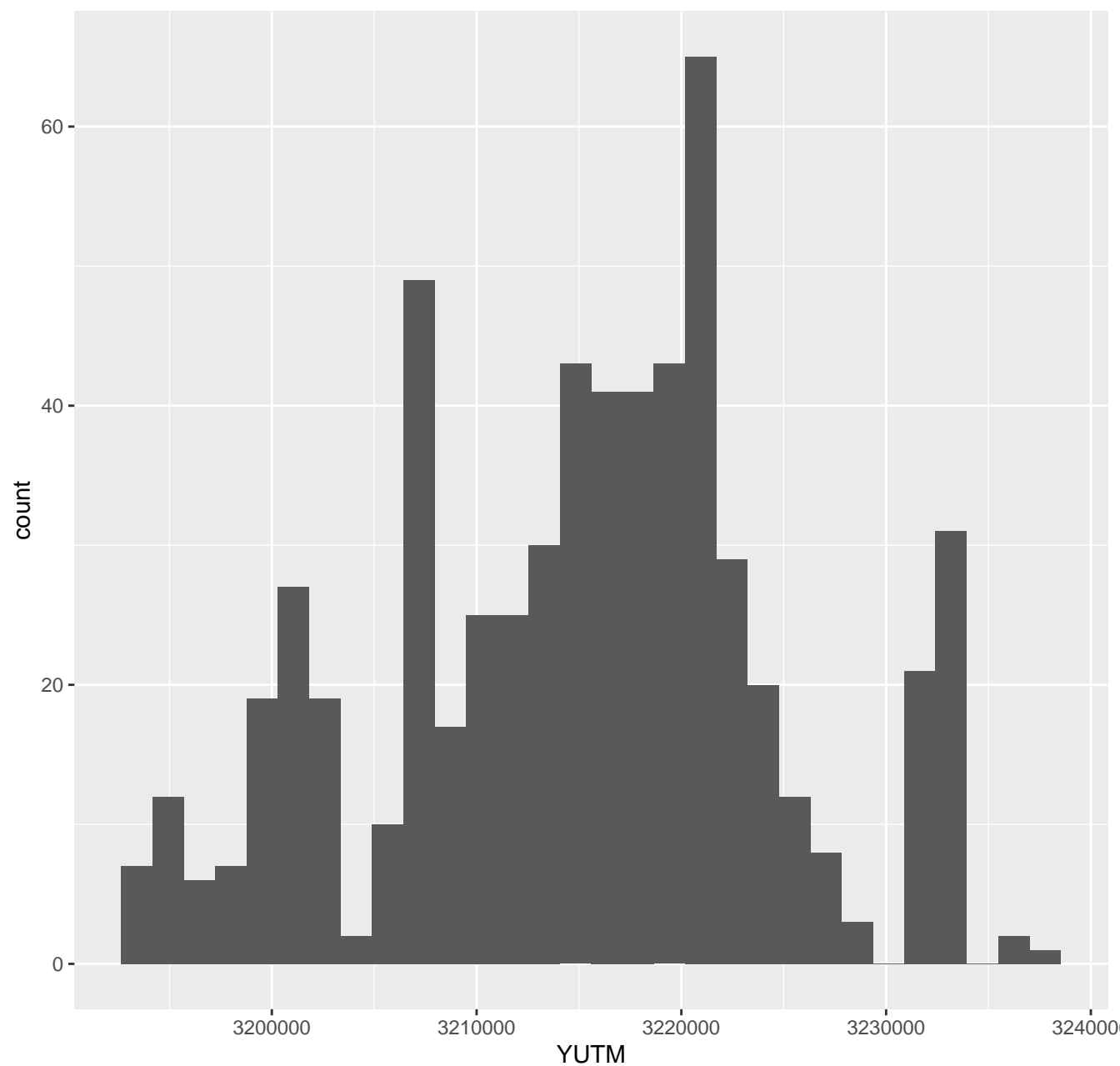


Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
3192823	3207726	3215831	3215020	3221146	3237176

Histogram of YUTM

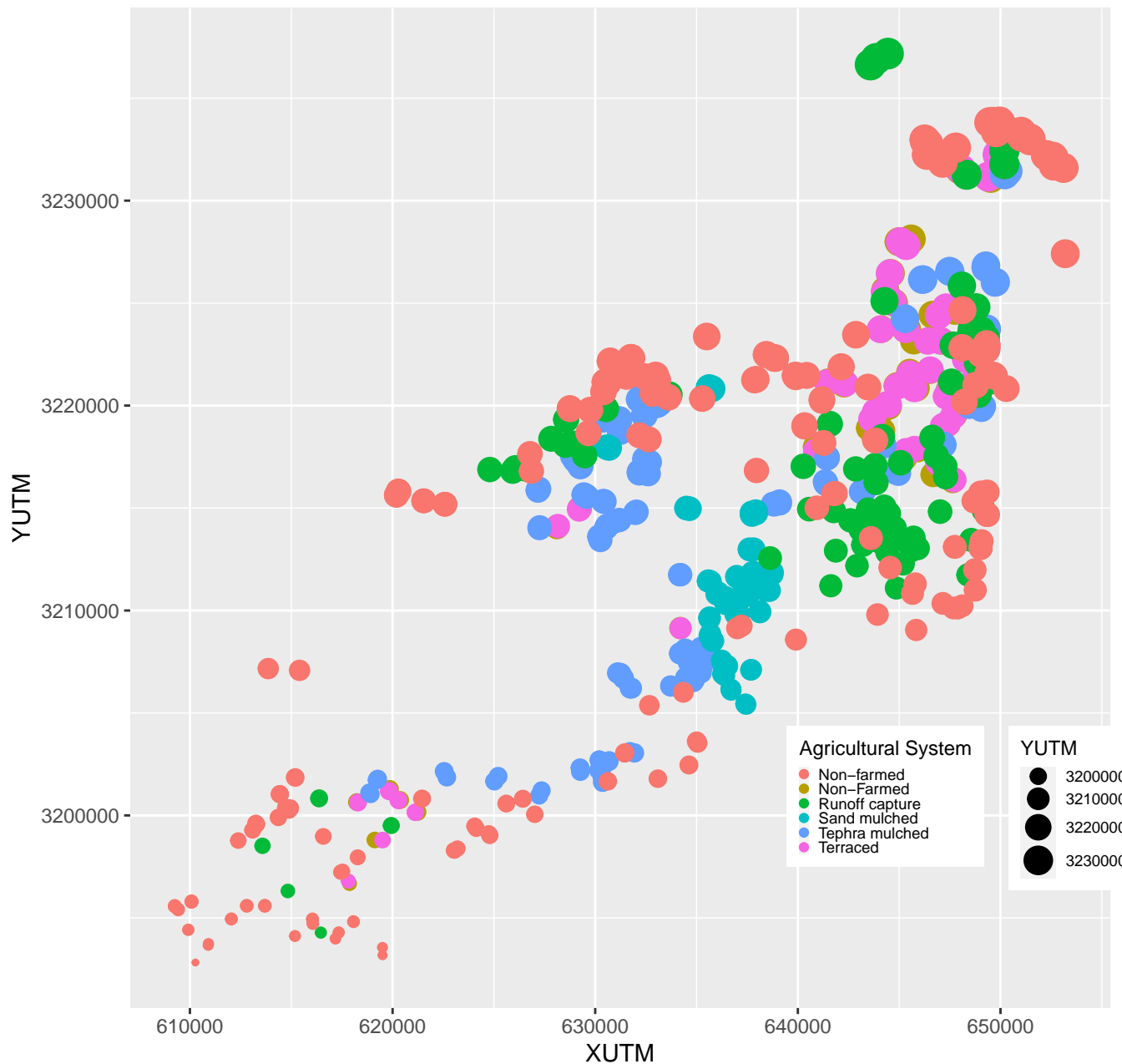


Shapiro–Wilk normality test

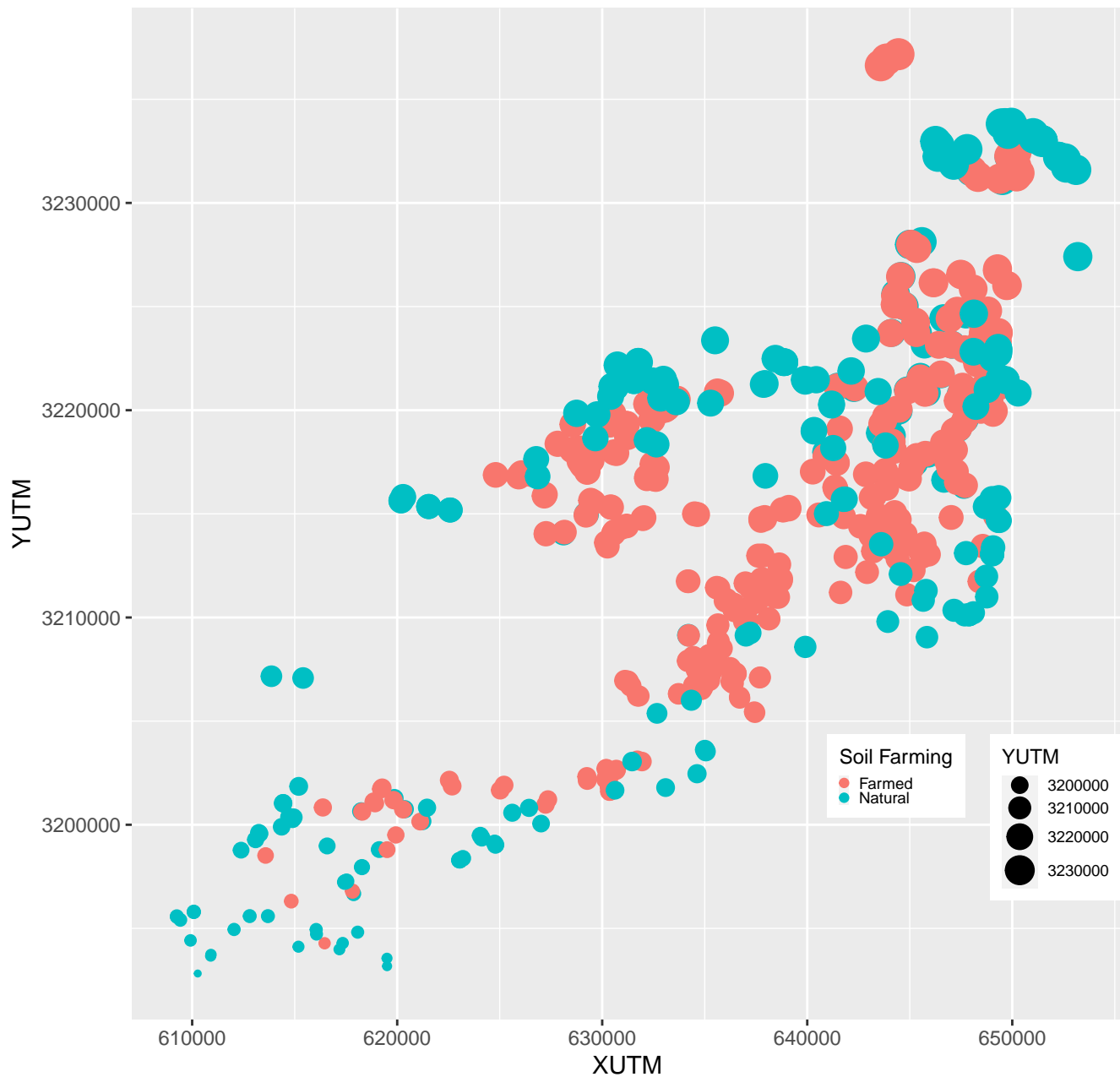
data: dataframe[, variable_chr]

W = 0.98019, p-value = 2.157e-07

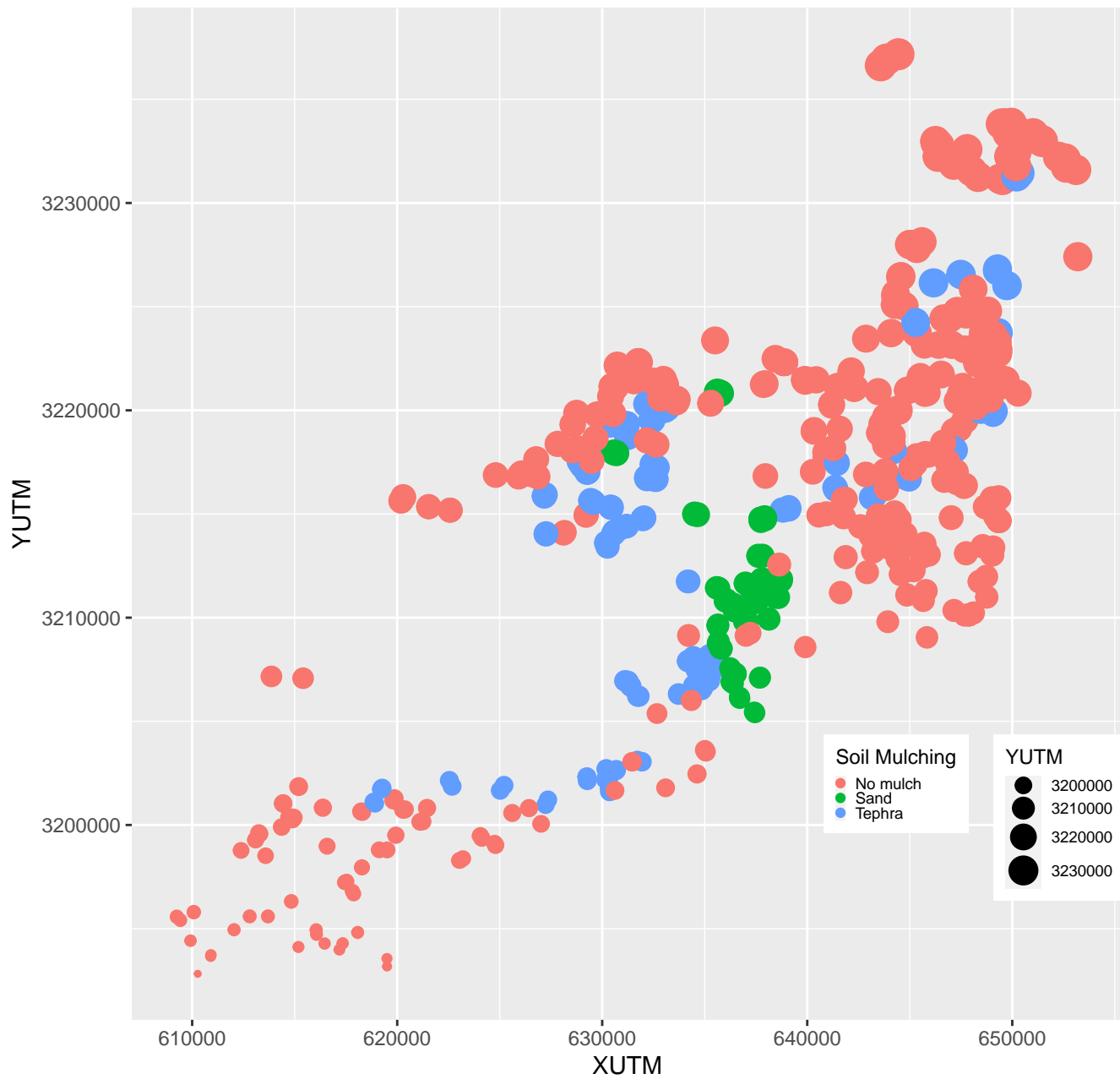
YUTM according to location and Agricultural System



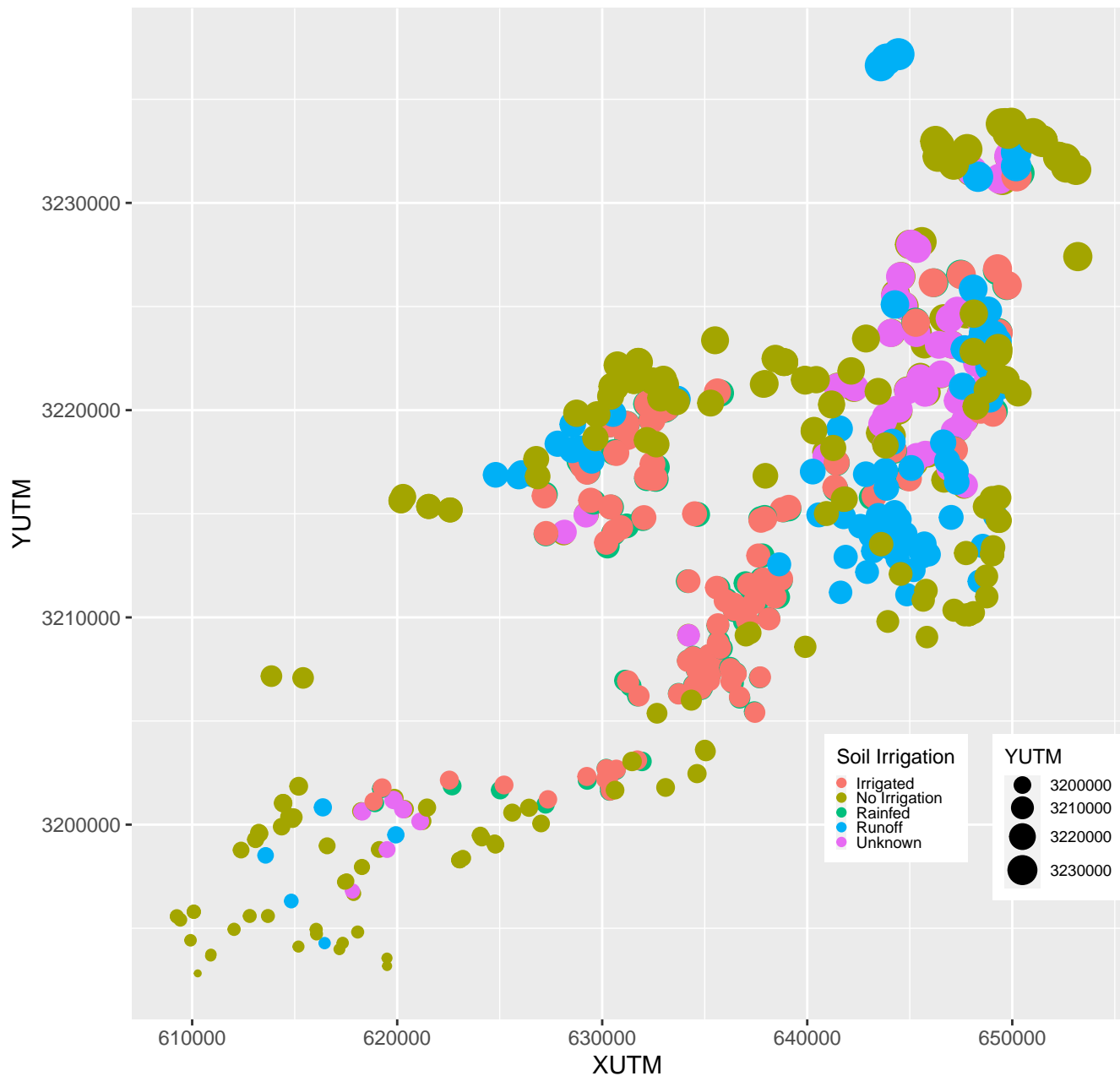
YUTM according to location and Soil Farming



YUTM according to location and Soil Mulching



YUTM according to location and Soil Irrigation

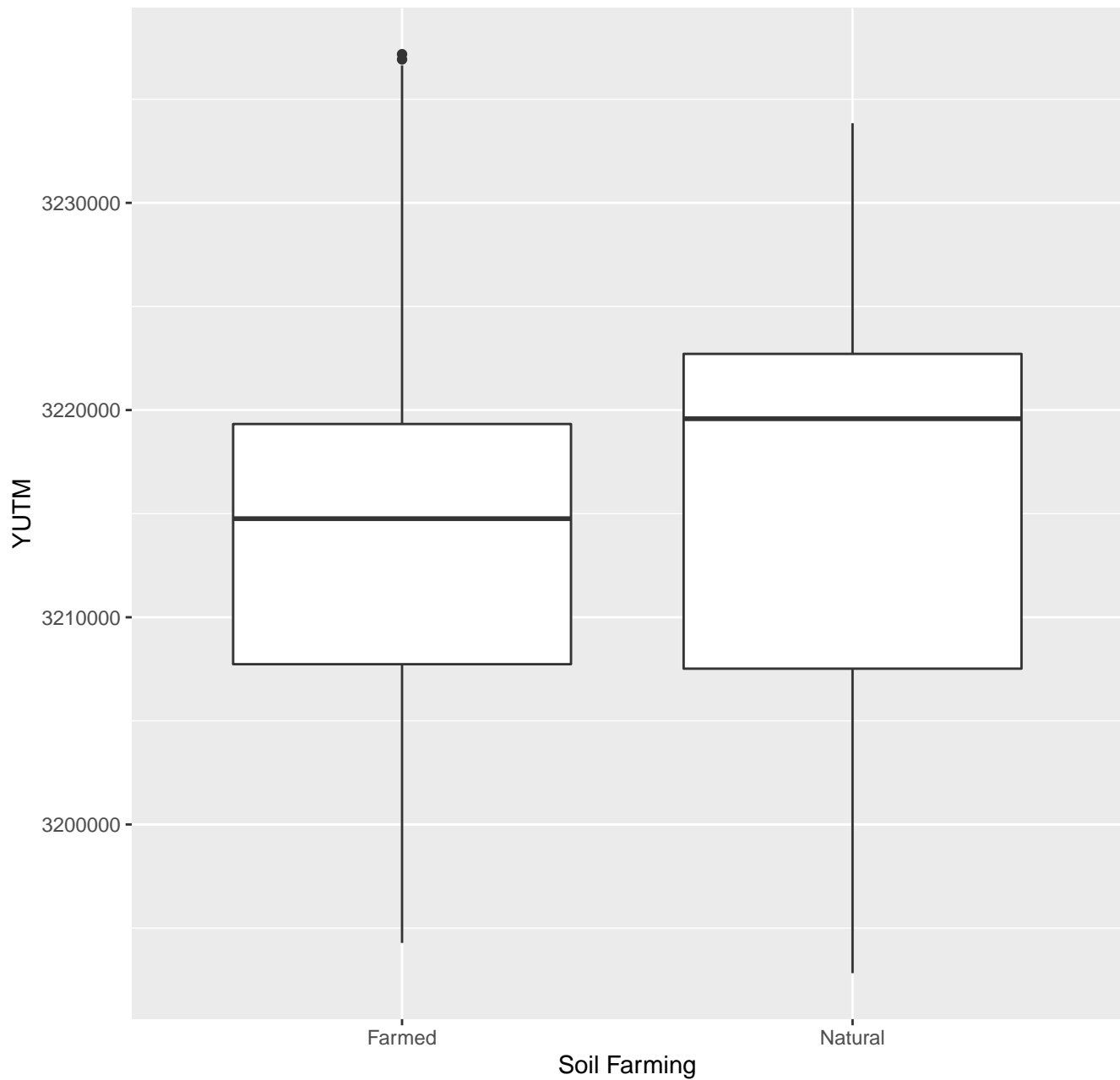


Box plot showing the distribution of runoff (mm) for six agricultural systems. The y-axis represents runoff in mm, ranging from 0 to 100. The x-axis lists the agricultural systems: Non-farmed, Non-Farmed, Runoff capture, Sand mulched, Tephra mulched, and Terraced. Each box plot displays the median (horizontal line inside the box), the interquartile range (the box itself), and the range (whiskers). Outliers are shown as individual points.

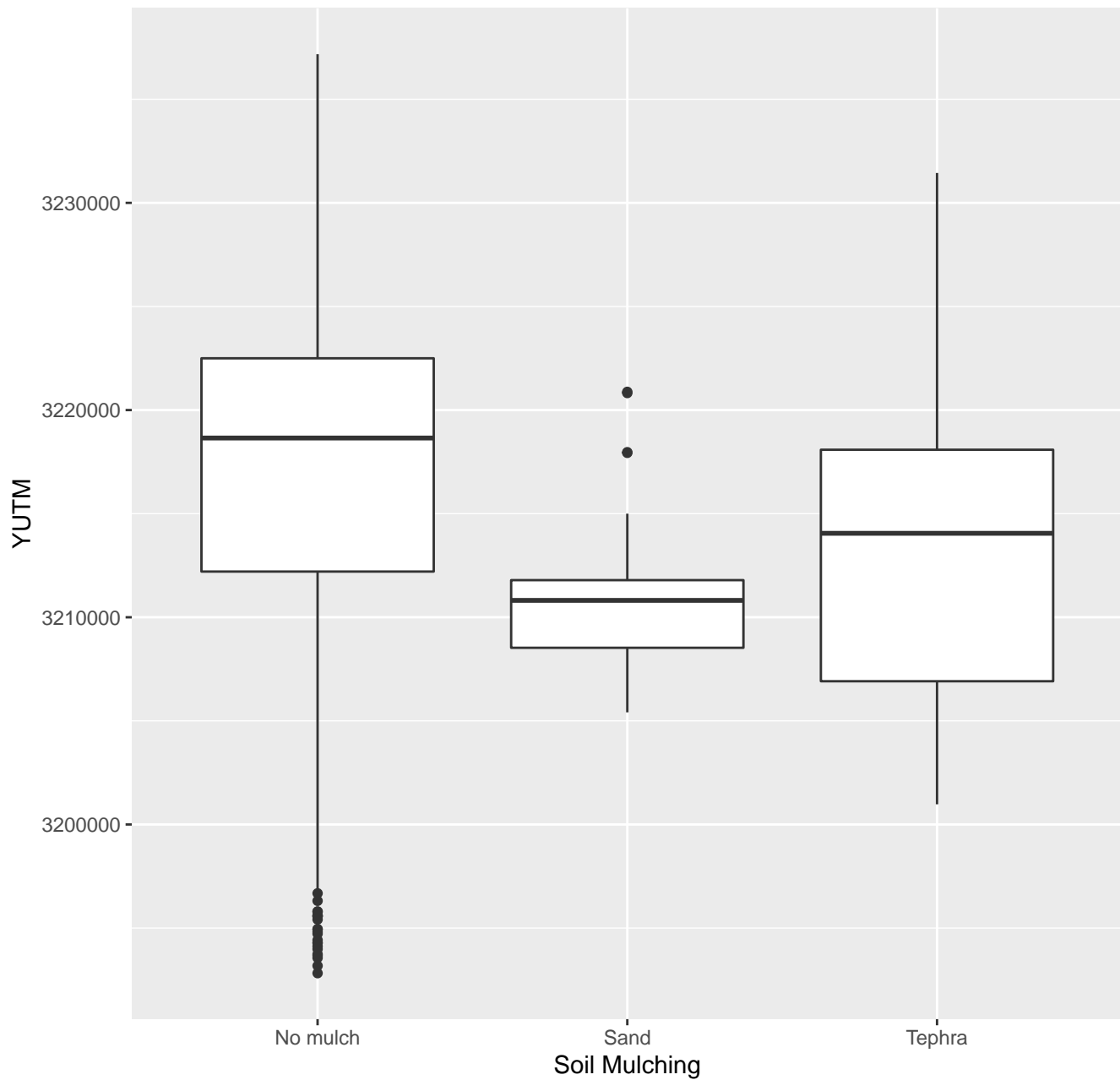
Agricultural System	Min (whisker)	Q1	Median	Q3	Max (whisker)	Outliers
Non-farmed	~10	~25	~55	~75	~95	None
Non-Farmed	~35	~45	~55	~65	~85	~10, ~15, ~18, ~20
Runoff capture	~45	~55	~65	~75	~85	~5, ~10, ~12, ~15, ~18, ~20, ~22, ~25, ~28, ~30, ~32, ~35, ~38, ~40, ~42, ~45, ~48, ~50, ~52, ~55, ~58, ~60, ~62, ~65, ~68, ~70, ~72, ~75, ~78, ~80, ~82, ~85, ~88, ~90, ~92, ~95, ~98, ~100
Sand mulched	~35	~40	~45	~48	~55	~58, ~60
Tephra mulched	~25	~35	~55	~75	~95	None
Terraced	~35	~45	~55	~65	~85	~10, ~12, ~15, ~18, ~20, ~22, ~25, ~28, ~30, ~32, ~35, ~38, ~40, ~42, ~45, ~48, ~50, ~52, ~55, ~58, ~60, ~62, ~65, ~68, ~70, ~72, ~75, ~78, ~80, ~82, ~85, ~88, ~90, ~92, ~95, ~98, ~100



Boxplot of YUTM related to Soil Farming



Boxplot of YUTM related to Soil Mulching



The box plot displays the distribution of Soil Irrigation across five categories: Irrigated, No Irrigation, Rainfed, Runoff, and Unknown. The y-axis represents a numerical value, likely yield, ranging from 0 to 100. The 'Runoff' category shows the highest median and significant outliers, while 'Irrigated' and 'Rainfed' show lower medians and less variability.

Soil Irrigation	Min	Q1	Median	Q3	Max	Outliers
Irrigated	~10	~25	~40	~55	~90	None
No Irrigation	~0	~25	~55	~70	~100	None
Rainfed	~10	~25	~40	~55	~90	None
Runoff	~30	~45	~55	~70	~90	~10, ~15, ~20, ~25, ~30, ~35, ~40, ~45, ~50, ~55, ~60, ~65, ~70, ~75, ~80, ~85, ~90, ~95, ~100
Unknown	~20	~45	~60	~75	~90	~5, ~10, ~15, ~20, ~25, ~30, ~35, ~40, ~45, ~50, ~55, ~60, ~65, ~70, ~75, ~80, ~85, ~90, ~95, ~100

