

**ALY6070: Communication and Visualization for Data Analytics**

**GROUP RShiny Application**

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NYC

Region:

Bronx

NYC tree condition by diffrent region

Number of observations:

1

30

66

66 bins total

Number of observations to view:

30

132 rows total

Summary

tree condition

tree status

mean diameter for species 1- 66

mean diameter for species 67- 132

table for mean diametr each species

tree_dbh	curb_loc	status	health	spc_latin			
Min. : 0.00	OffsetFromCurb: 26892	Alive:652173	: 31616	Platanus x acerifolia : 87014			
1st Qu.: 4.00	OnCurb :656896	Dead : 13961	Fair: 96504	Gleditsia triacanthos var. inermis: 64264			
Median : 9.00		Stump: 17654	Good:528850	Pyrus calleryana : 58931			
Mean : 11.28			Poor: 26818	Quercus palustris : 53185			
3rd Qu.: 16.00				Acer platanoides : 34189			
Max. :450.00				: 31619			
			(Other)	:354586			
spc_common	guards	sidewalk	user_type	problems	root_stone		
London planetree: 87014	: 31616	: 31616	NYC Parks Staff :169986	None :426280	No :543789		
honeylocust : 64264	Harmful: 20252	Damage :187194	TreesCount Staff:296284	Stones : 95673	Yes:139999		
Callery pear : 58931	Helpful: 51866	NoDamage:464978	Volunteer :217518				
pin oak : 53185	None :572306			BranchLights : 29452			
Norway maple : 34189	Unsure : 7748			Stones,BranchLights: 17808			
: 31619				RootOther : 11418			
(Other) :354586				(Other) : 71493			
root_grate	root_other	trunk_wire	trnk_light	trnk_other	brch_light	brch_other	borough
No :680252	No :653466	No :670514	No :682757	No :651215	No :621423	No :659433	Bronx : 85203
Yes: 3536	Yes: 30322	Yes: 13274	Yes: 1031	Yes: 32573	Yes: 62365	Yes: 24355	Brooklyn :177293
							Manhattan : 65423
							Queens :250551
							Staten Island:105318

NYC

Region:

Manhattan

NYC tree condition by diffrent region

Number of observations:

1

30

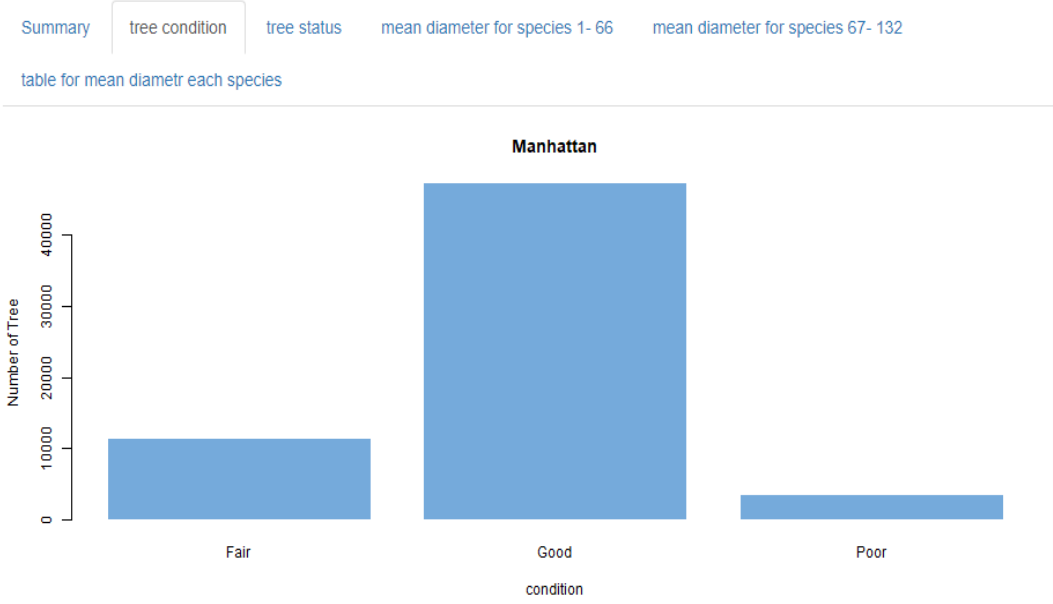
66

66 bins total

Number of observations to view:

30

132 rows total



NYC

Region:

Queens

NYC tree condition by diffrent region

Number of observations:

1

30

66

66 bins total

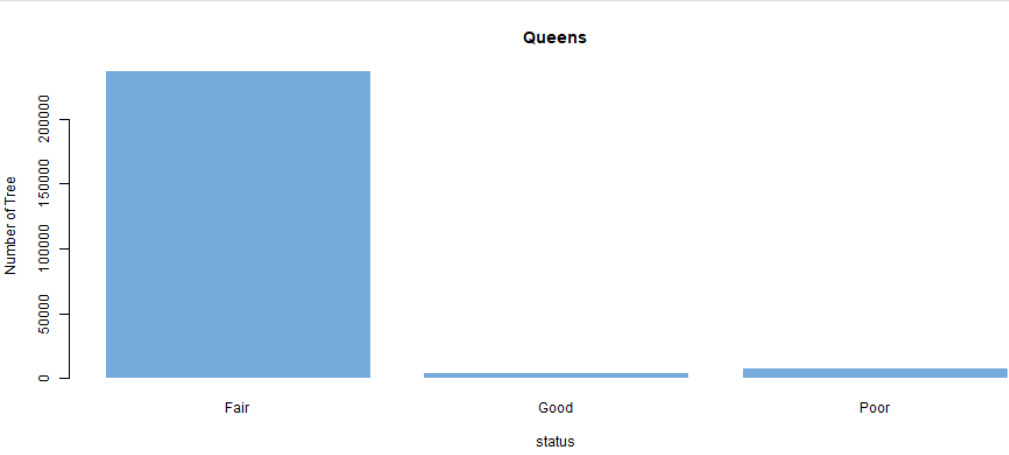
Number of observations to view:

30

132 rows total

Summary   tree condition   tree status   mean diameter for species 1- 66   mean diameter for species 67- 132

table for mean diametr each species



NYC

Region:

Bronx

NYC tree condition by diffrent region

Number of observations:

1

30

66

66 bins total

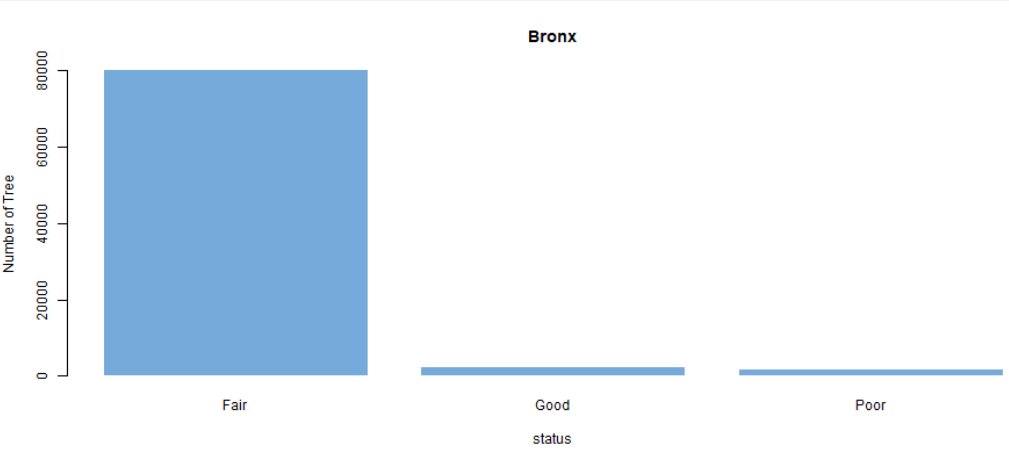
Number of observations to view:

30

132 rows total

Summary   tree condition   tree status   mean diameter for species 1- 66   mean diameter for species 67- 132

table for mean diametr each species



NYC

Region:

Bronx

NYC tree condition by diffrent region

Number of observations:

1

30

66

66 bins total

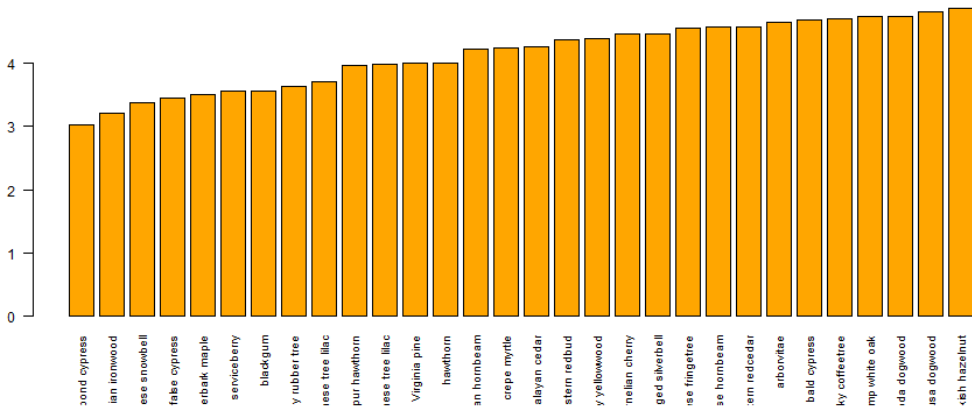
Number of observations to view:

30

132 rows total

Summary   tree condition   tree status   mean diameter for species 1- 66   mean diameter for species 67- 132

table for mean diametr each species



NYC

Region:

Bronx

NYC tree condition by different region

Number of observations:

1

66

66 bins total

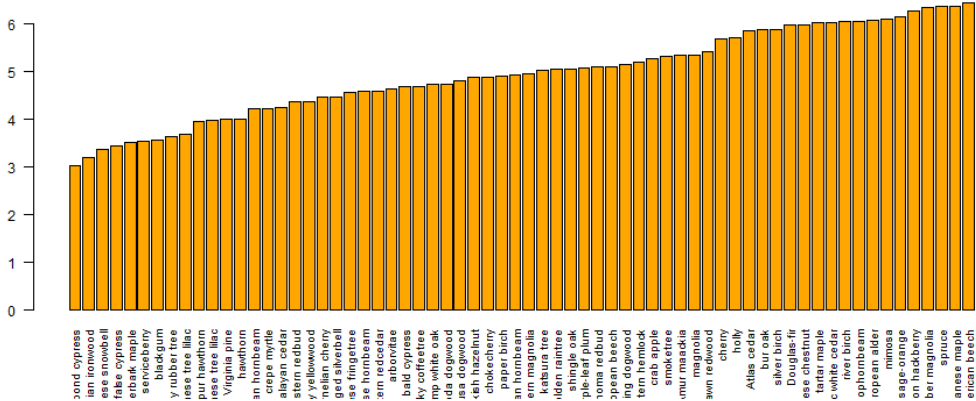
Number of observations to view:

30

132 rows total

- Summary
- tree condition
- tree status
- mean diameter for species 1- 66
- mean diameter for species 67- 132

table for mean diametr each species



NYC

Region:

Bronx

NYC tree condition by different region

Number of observations:

1

36

66

66 bins total

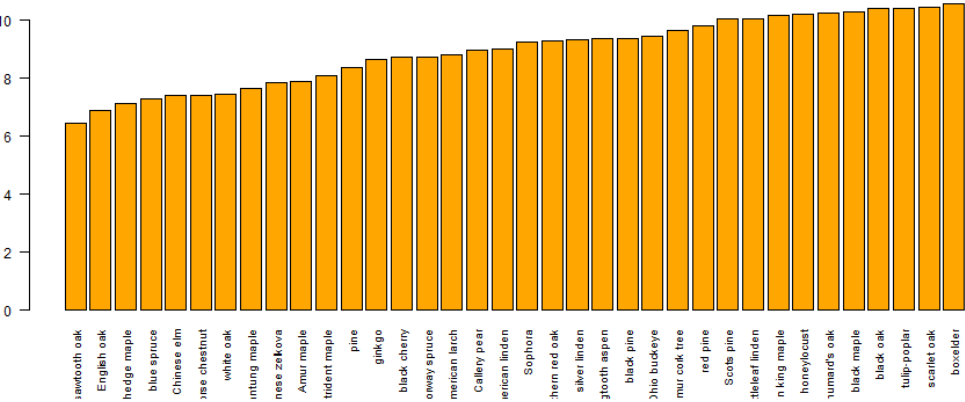
Number of observations to view:

30

132 rows total

- Summary
- tree condition
- tree status
- mean diameter for species 1- 66
- mean diameter for species 67- 132

table for mean diametr each species



NYC

Region:

Bronx

NYC tree condition by diffrent region

Number of observations:

1

66

66 bins total

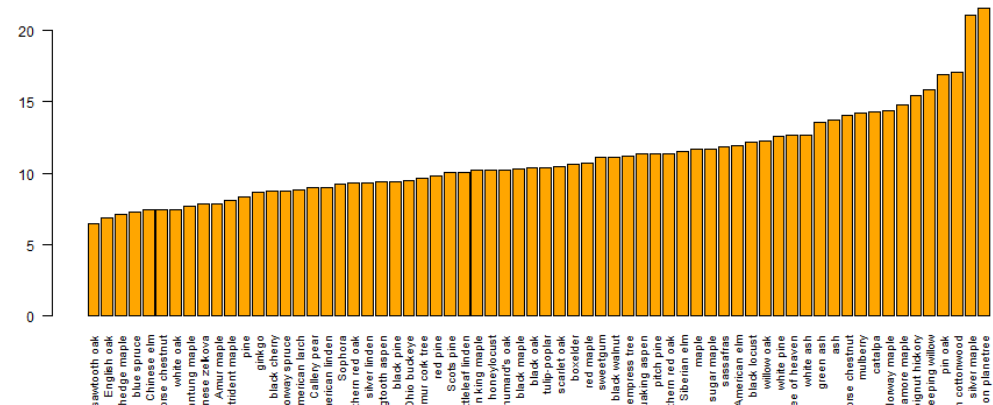
Number of observations to view:

30

132 rows total

- Summary
- tree condition
- tree status
- mean diameter for species 1- 66
- mean diameter for species 67- 132

table for mean diametr each species



NYC

Region:

Bronx

NYC tree condition by diffrent region

Number of observations:

1

66

66 bins total

Number of observations to view:

19

132 rows total

- Summary
- tree condition
- tree status
- mean diameter for species 1- 66
- mean diameter for species 67- 132

table for mean diametr each species

tree species	tree diameter mean
pond cypress	3.02
Persian ironwood	3.20
Japanese snowbell	3.38
false cypress	3.45
paperbark maple	3.51
serviceberry	3.55
blackgum	3.56
hardy rubber tree	3.64
Chinese tree lilac	3.70
cockspur hawthorn	3.96
Japanese tree lilac	3.98
Virginia pine	4.00
hawthorn	4.01
European hornbeam	4.21
crepe myrtle	4.24
Himalayan cedar	4.25
eastern redbud	4.37
Kentucky yellowwood	4.38
Cornelian cherry	4.46

