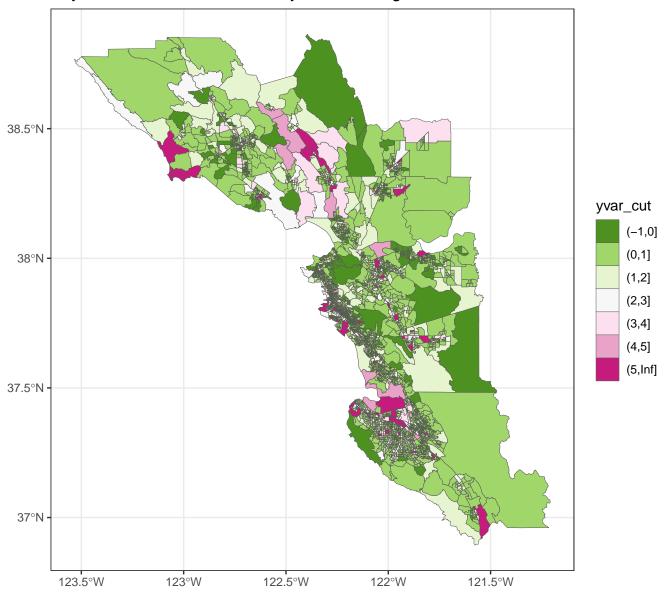
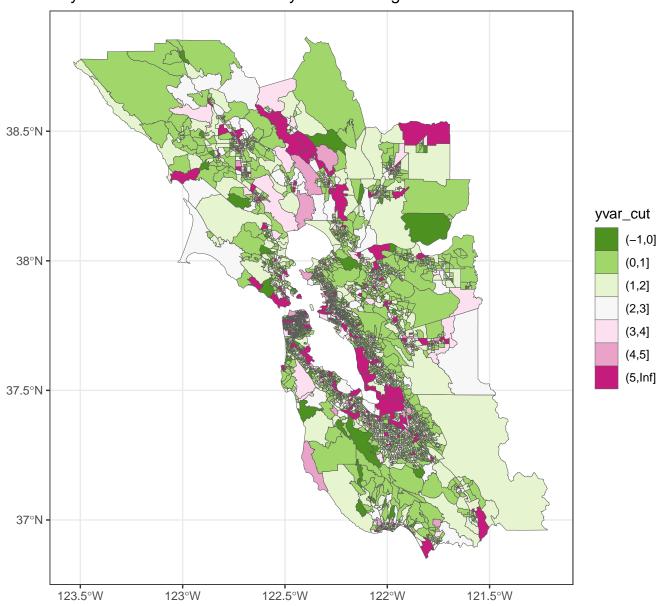
##---- Tue Aug 17 13:00:37 2021 ----##

Bay Area Data Overview

#### Bay Area 2018 Summer Mobility Over 34 Degrees



Bay Area 2019 Summer Mobility Over 34 Degrees



### Bay Area 2020 Summer Mobility Over 34 Degrees



Distribution of CBGs with MI > 3 2019 MW\_U: pval = 0.001 KS: pval = 0.0044000 2000 -0 density 2020 MW\_U: pval = 0.001 KS: pval = 0.004 4000 -2000 -0 0.002 0.000 0.001 0.003 0.004 pop\_density

Distribution of CBGs with MI > 3 2019 150 -100 -50 -0 count 2020 150 -100 50 0 0.000 0.002 0.001 0.003 0.004

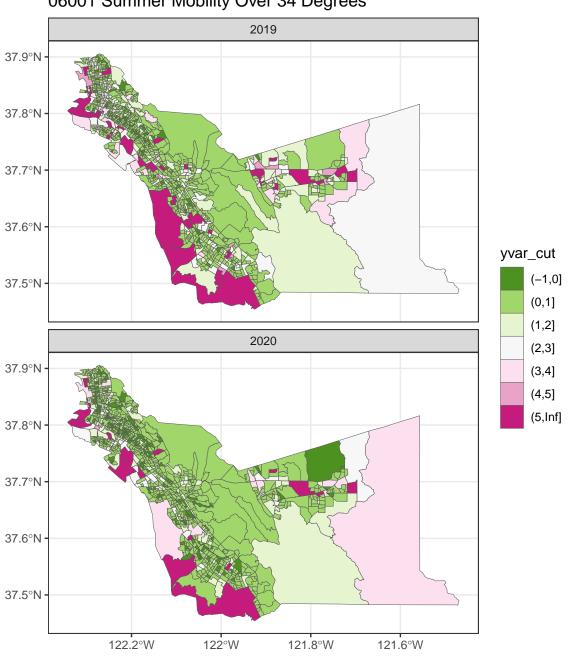
pop\_density

Distribution of Population Density (split by County) 06001 06013 06041 06055 3e-04 · 0.00020 -3e-04 · 1e-03 -0.00015 -2e-04 2e-04 · 0.00010 -5e-04 1e-04 -1e-04 -0.00005 -0e+00 0.00000 0e+00 0e+00 06013 06041 06001 06055 06075 06081 06085 06087 4e-04 0.004 year 0.00075 -2020.00 3e-04 0.003 2e-04 pop\_density 2019.75 0.00050 -2e-04 · 0.002 -2019.50 1e-04 -0.00025 -1e-04 -0.001 -2019.25 2019.00 0.000 0.00000 0e+00 0e+00 06075 06081 06085 06087 06095 06097 0.00020 0.00015 -0.00015 0.00010 -0.00010 0.00005 0.00005 -0.00000 -0.00000 -06095 06097 fips

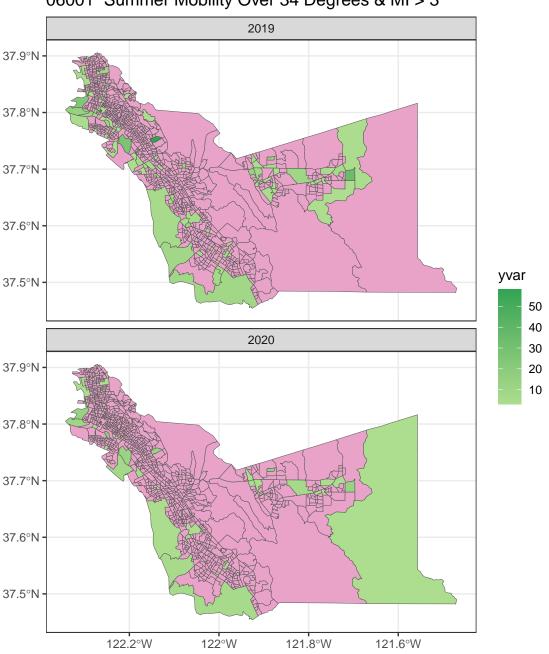
Distribution of Population Density (all incl outliers)  $MW_U: pval = 0.001$ KS: pval = 0.0040.004 0.003 year 2020.00 dod density 2019.75 2019.50 2019.25 2019.00 0.001 0.000 06075 06081 06085 06001 06013 06041 06055 06087 06095 06097 fips

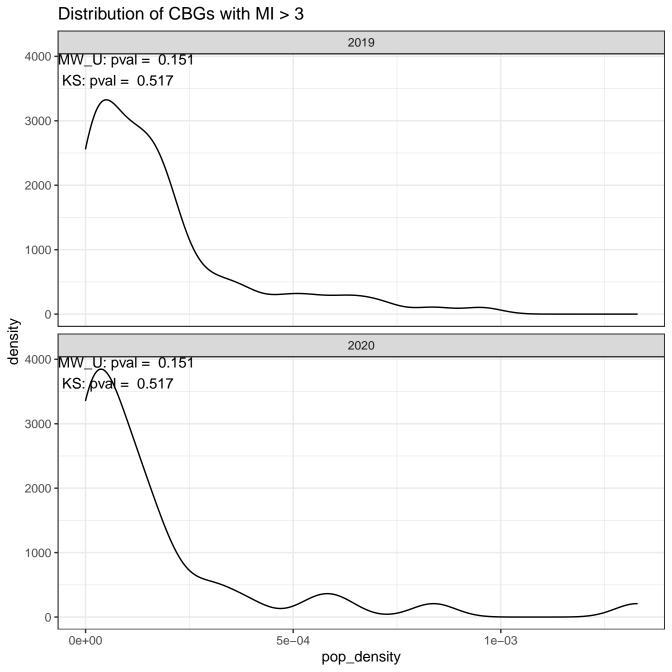
Distribution of Population Density (no outliers)  $MW_U: pval = 0.001$ KS: pval = 0.0044e-04 -3e-04 year 2020.00 pop density 2019.75 2019.50 2019.25 2019.00 1e-04 0e+00 06081 06001 06013 06041 06055 06075 06085 06087 06095 06097 fips

# 06001 Summer Mobility Over 34 Degrees



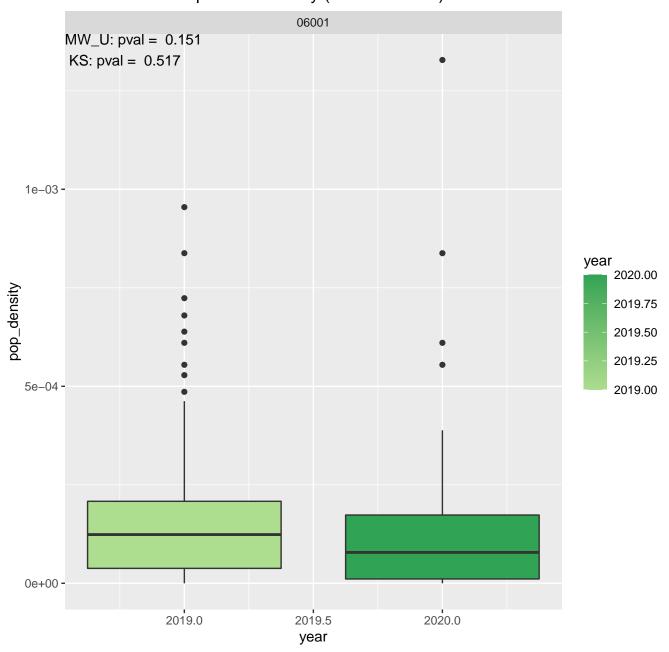
06001 Summer Mobility Over 34 Degrees & MI > 3



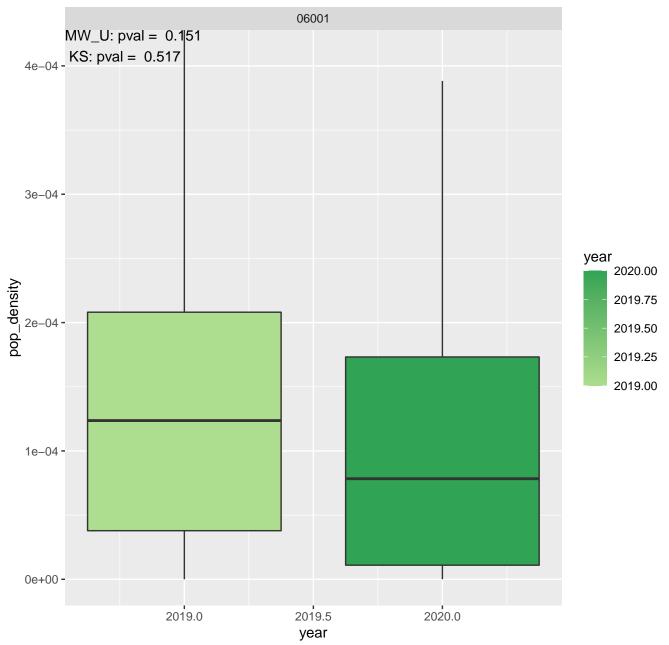


Distribution of CBGs with MI > 3 2019 15 -10 -5 -0 count 2020 15 **-**10 -5 -0 -0e+00 5e-04 1e-03 pop\_density

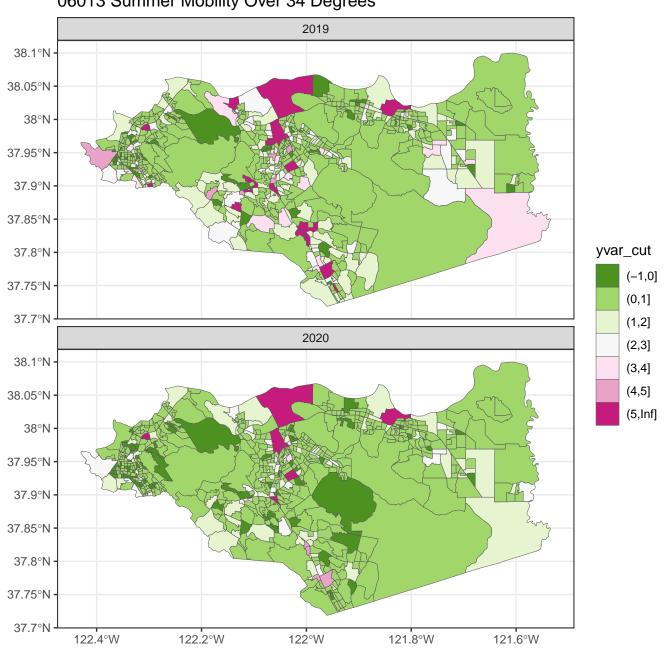
Distribution of Population Density (all incl outliers)



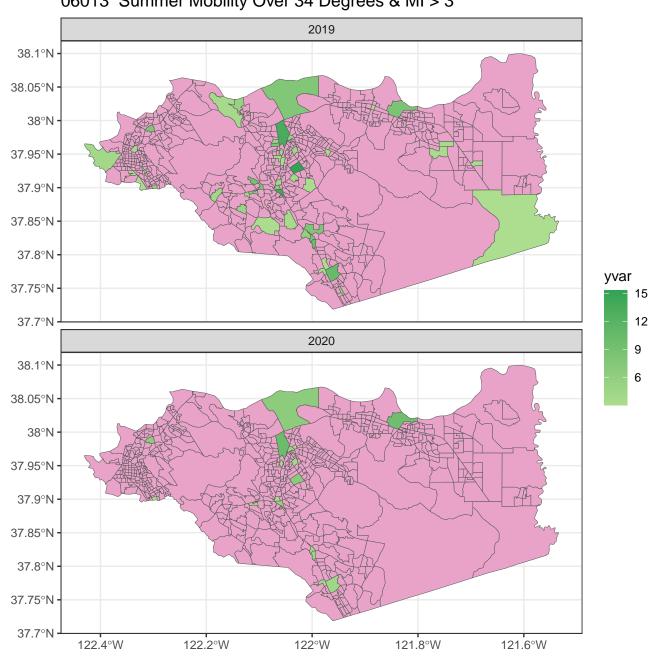
Distribution of Population Density (no outliers)

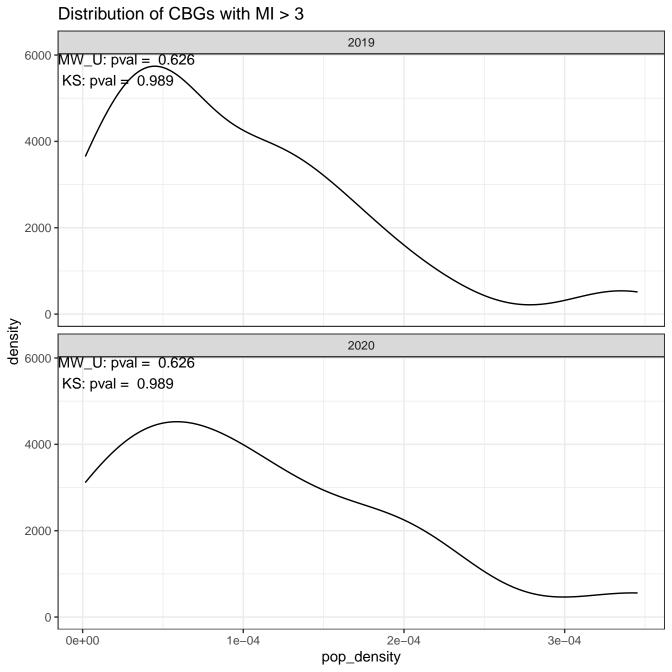


### 06013 Summer Mobility Over 34 Degrees



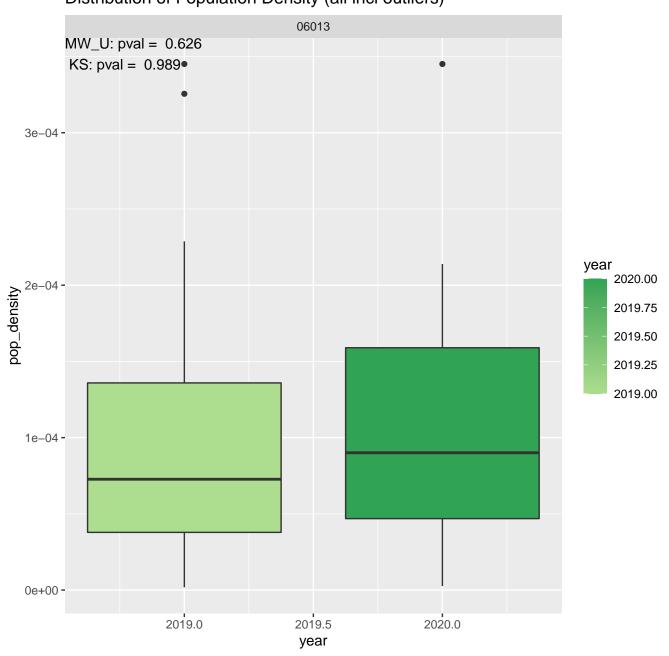
06013 Summer Mobility Over 34 Degrees & MI > 3



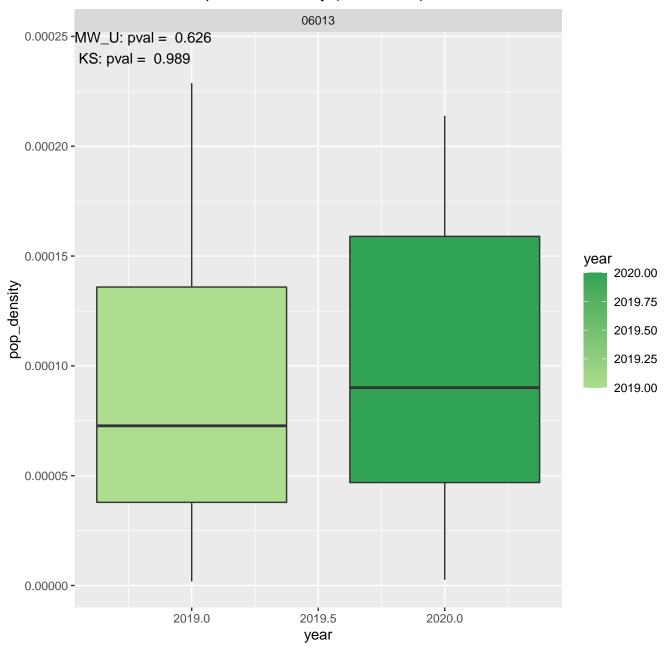


Distribution of CBGs with MI > 32019 6 4 2 0 count 2020 6 -4 2 -0 1e-04 2e-04 0e+00 3e-04 pop\_density

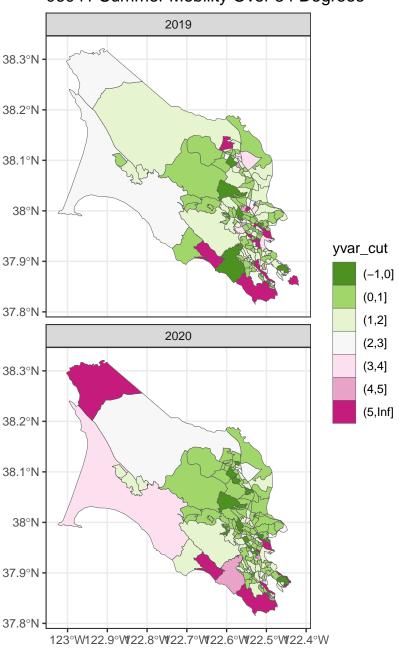
Distribution of Population Density (all incl outliers)



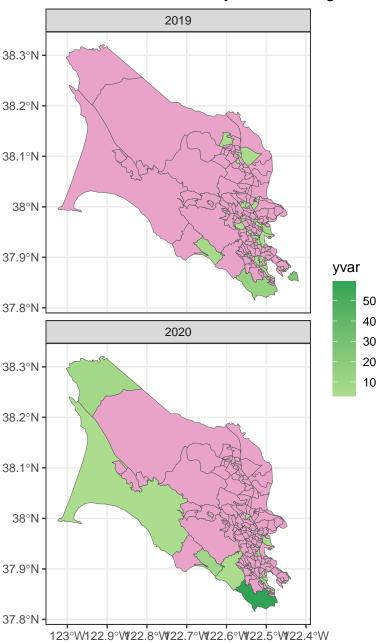
Distribution of Population Density (no outliers)



# 06041 Summer Mobility Over 34 Degrees



06041 Summer Mobility Over 34 Degrees & MI > 3



Distribution of CBGs with MI > 3 2019  $MW_U$ : pval = 0.118 8000 -KS: pval = 0.096000 -4000 2000 0 density 2020 MW\_U: pval = 0.118 8000 -KS: pval = 0.096000 4000 -2000 0 0.00000 0.00005 0.00010 0.00015 0.00020

pop\_density

Distribution of CBGs with MI > 3 count 0.00010 0.00000 0.00015 0.00020 0.00005 pop\_density

Distribution of Population Density (all incl outliers) 06041  $MW_U: pval = 0.118$ KS: pval = 0.090.00020 -0.00015 year 2020.00 pop\_density 2019.75 2019.50 2019.25 2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0

year

Distribution of Population Density (no outliers) 06041  $_{0.00025}$  -MW\_U: pval = 0.118 KS: pval = 0.090.00020 -0.00015 year 2020.00 pop\_density 2019.75 2019.50 2019.25 0.00010 -2019.00 0.00005 -0.00000 -

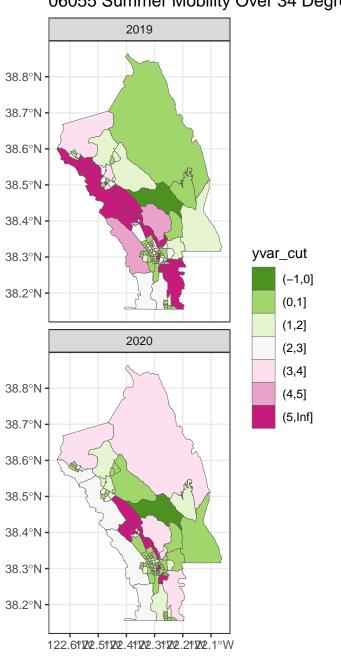
2019.5

year

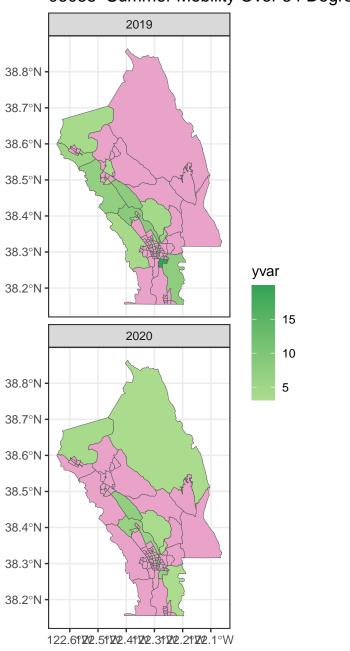
2020.0

2019.0

# 06055 Summer Mobility Over 34 Degrees

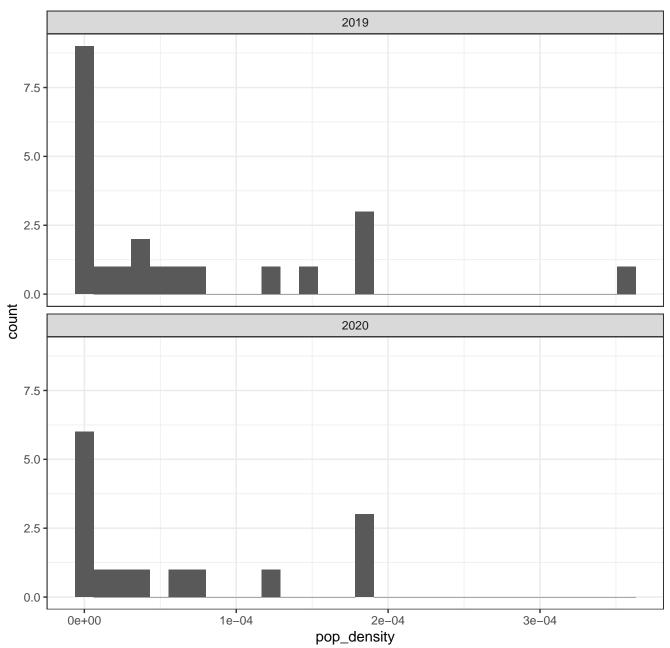


06055 Summer Mobility Over 34 Degrees & MI > 3

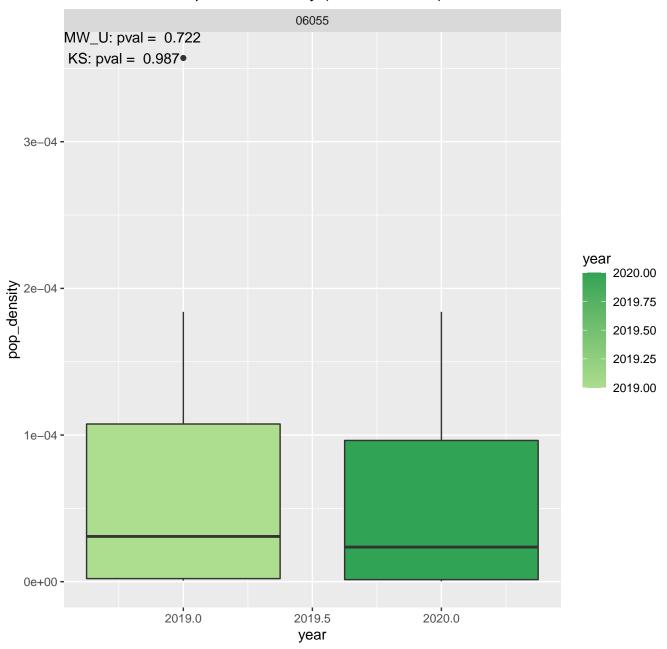


Distribution of CBGs with MI > 3 2019  $MW_U$ : pval = 0.722 KS: pval = 0.987 6000 4000 2000 0 density 2020  $MW_U$ : pval = 0.722 KS: pval = 0.9876000 4000 -2000 -0 0e+00 1e-04 2e-04 3e-04 pop\_density

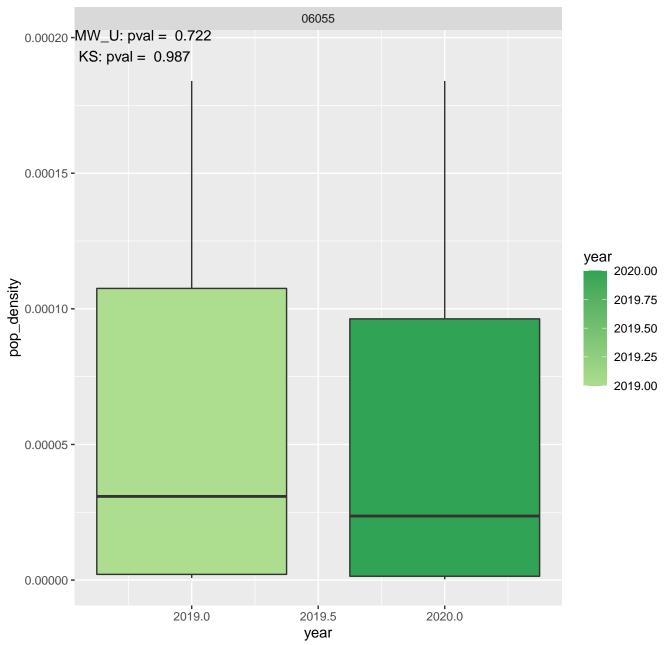
Distribution of CBGs with MI > 3



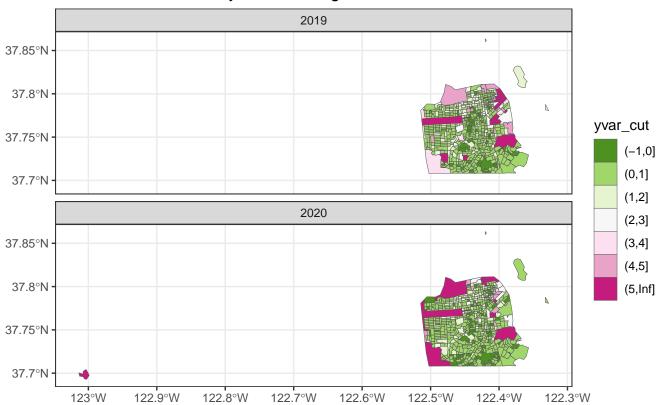
Distribution of Population Density (all incl outliers)



Distribution of Population Density (no outliers)



#### 06075 Summer Mobility Over 34 Degrees

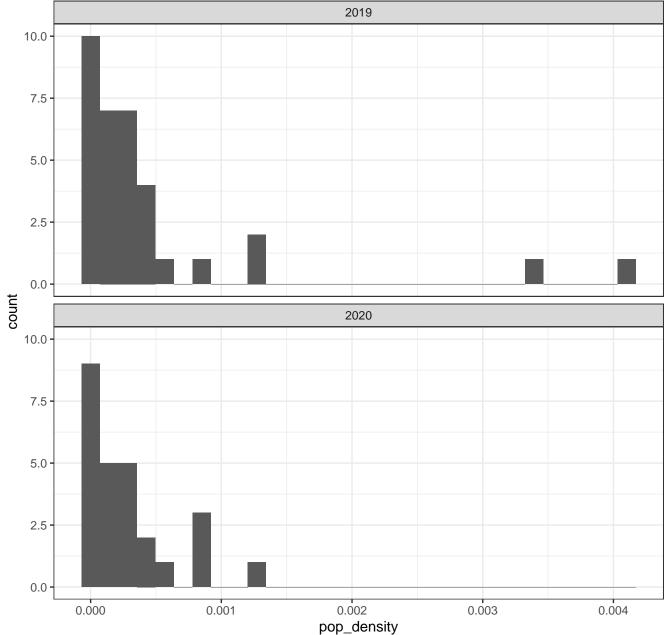


#### 06075 Summer Mobility Over 34 Degrees & MI > 3

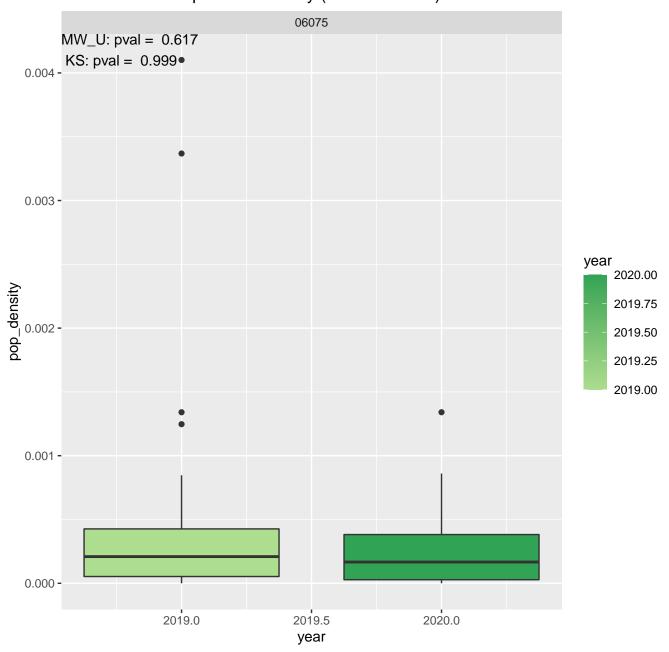


Distribution of CBGs with MI > 3 2019 MW\_U: pval = 0.617 KS: pNal = 0.9991500 1000 -500 0 density 2020  $MW_{Q}$ : pval = 0.617 KS:/pval = 0.9991500 1000 -500 -0 0.002 0.000 0.001 0.003 0.004 pop\_density

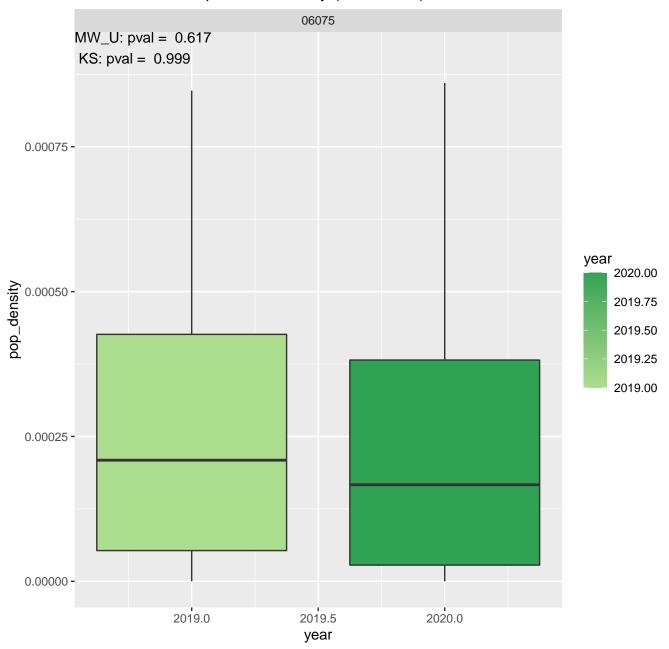
Distribution of CBGs with MI > 32019 10.0 -



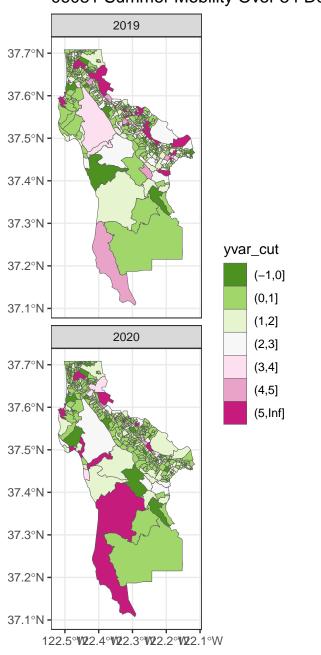
Distribution of Population Density (all incl outliers)



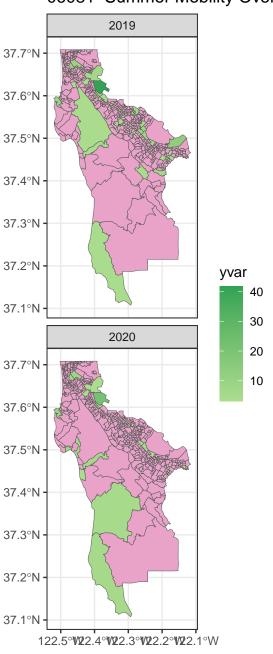
Distribution of Population Density (no outliers)

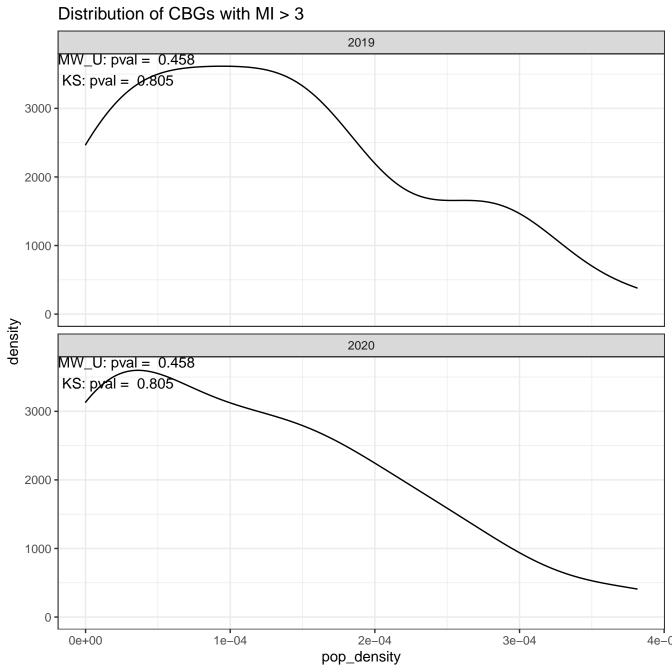


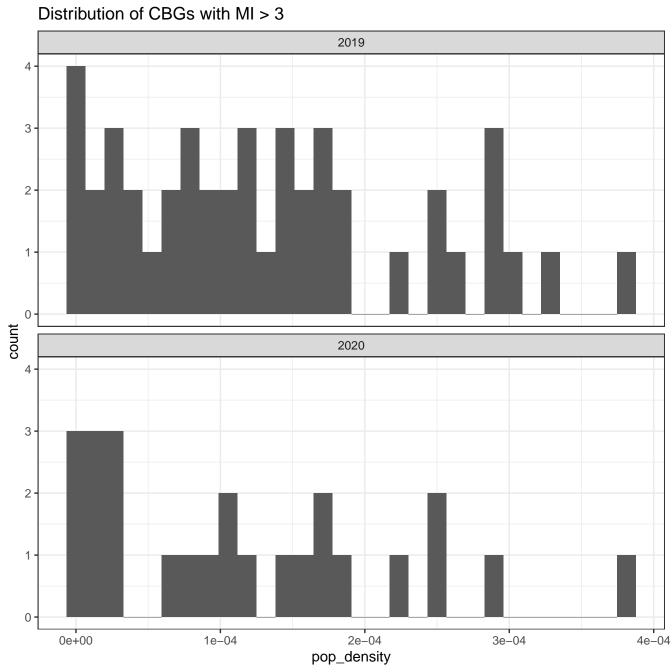
# 06081 Summer Mobility Over 34 Degrees



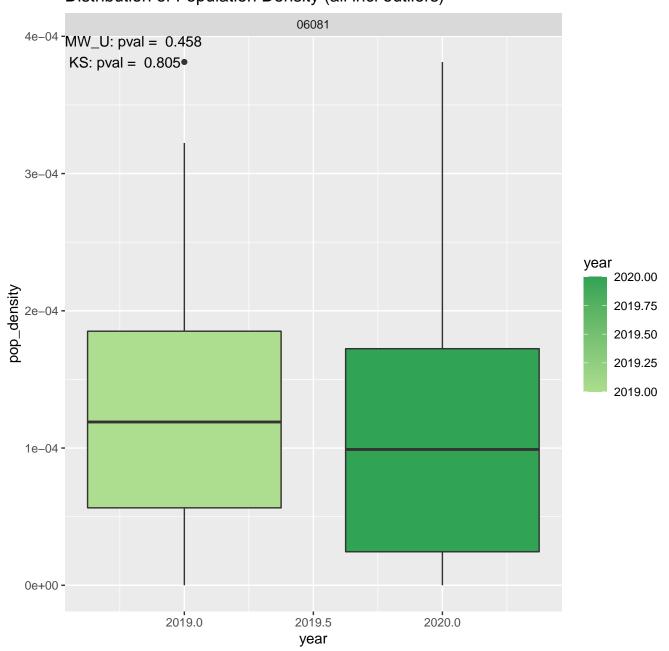
06081 Summer Mobility Over 34 Degrees & MI > 3



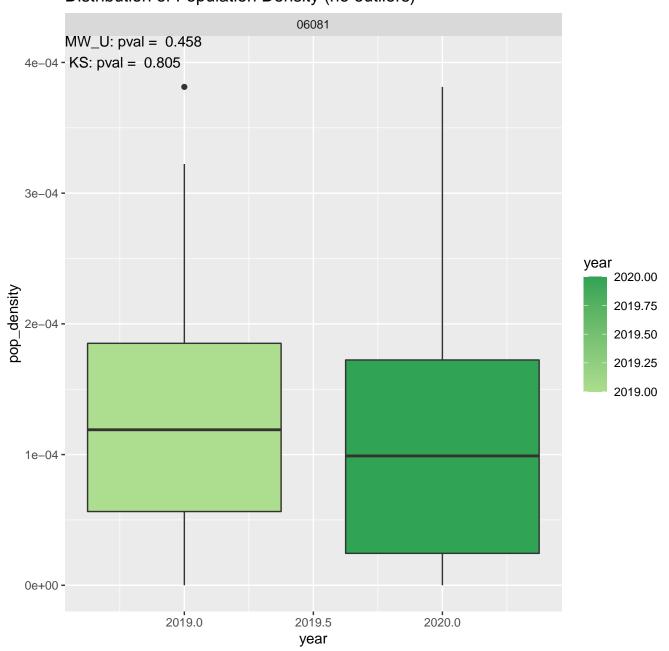




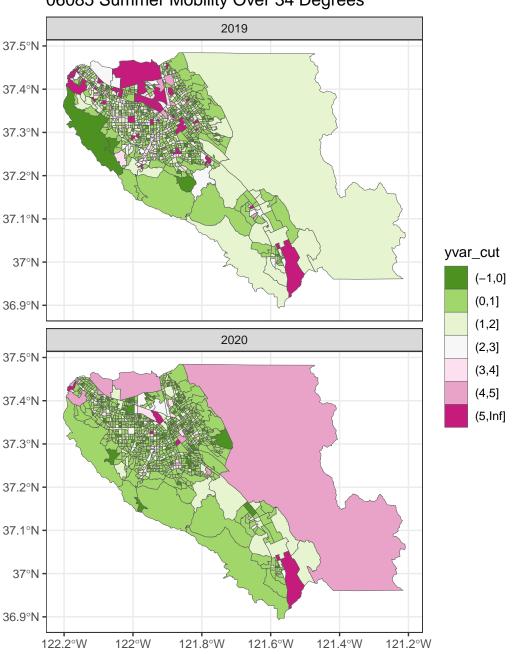
Distribution of Population Density (all incl outliers)



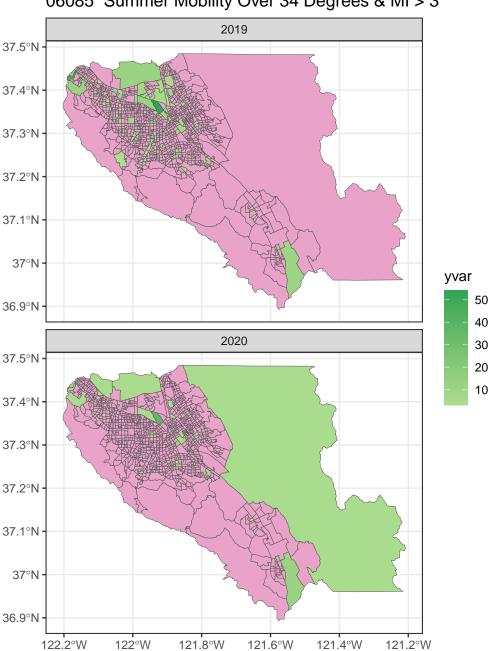
Distribution of Population Density (no outliers)



### 06085 Summer Mobility Over 34 Degrees



06085 Summer Mobility Over 34 Degrees & MI > 3

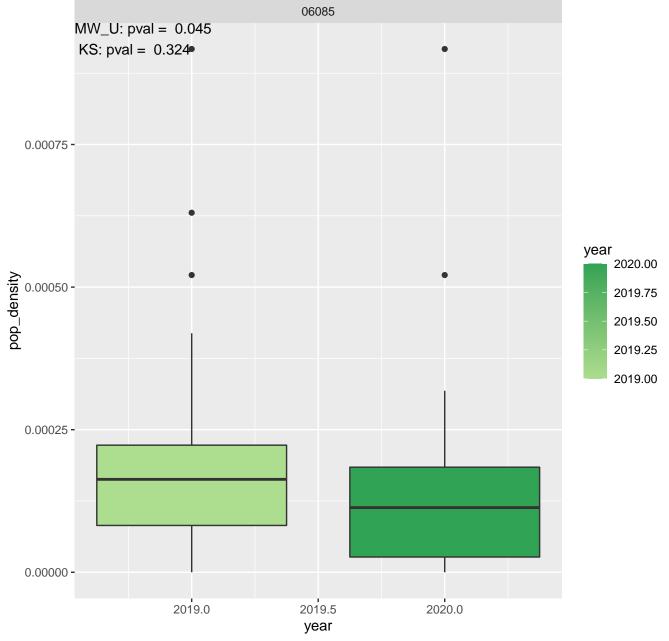


Distribution of CBGs with MI > 3 2019  $MW_U: pval = 0.045$ KS: pval = 0.3243000 -2000 1000 0 density 2020 MW\_U: pval = 0.045 KS: pval = 0.3243000 -2000 1000 -0 0.00050 0.00000 0.00025 0.00075 pop\_density

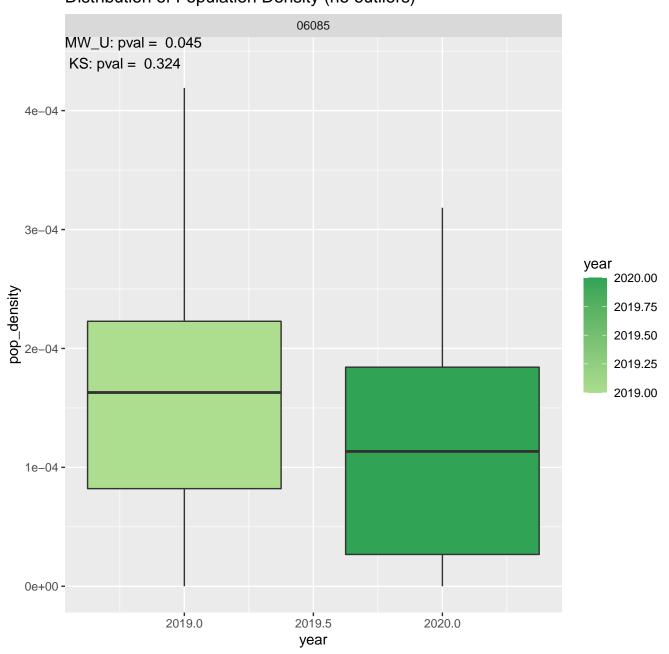
Distribution of CBGs with MI > 3 2019 10 -5 -0 count 2020 10 -5 -0 . 0.00000 0.00025 0.00050 0.00075

pop\_density

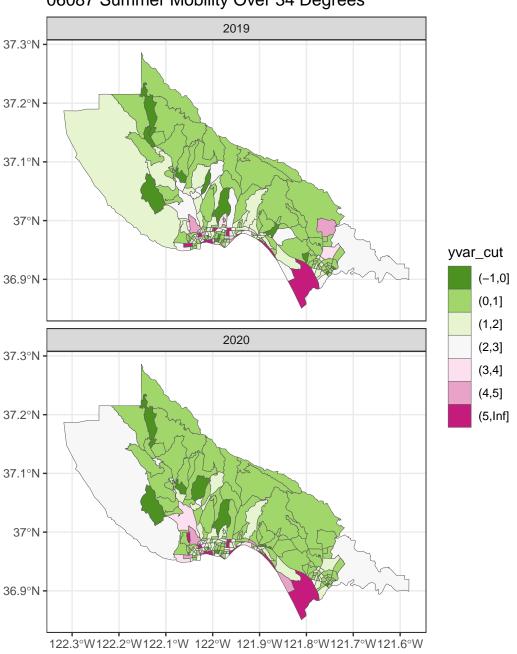
Distribution of Population Density (all incl outliers)



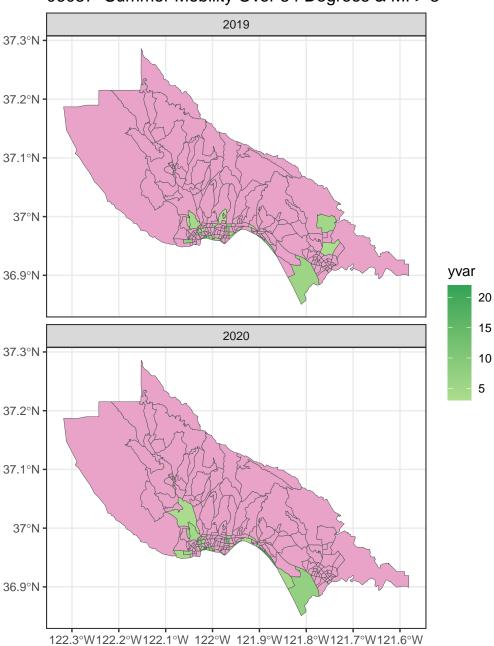
Distribution of Population Density (no outliers)

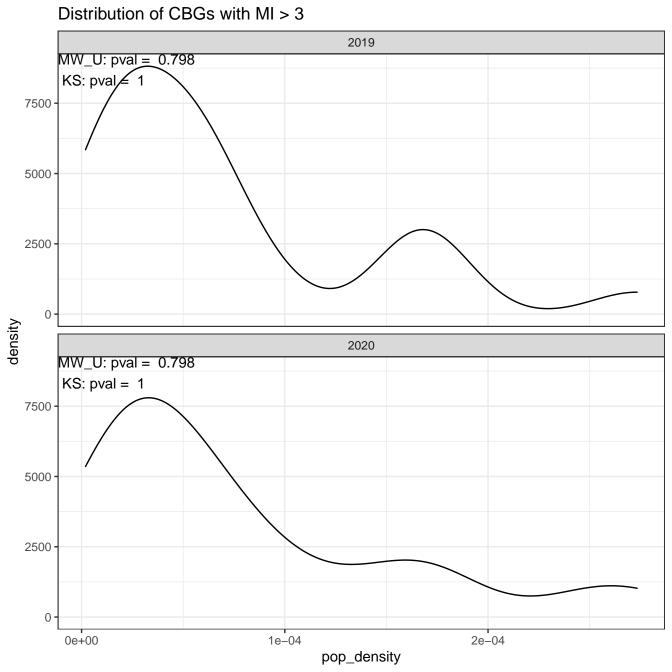


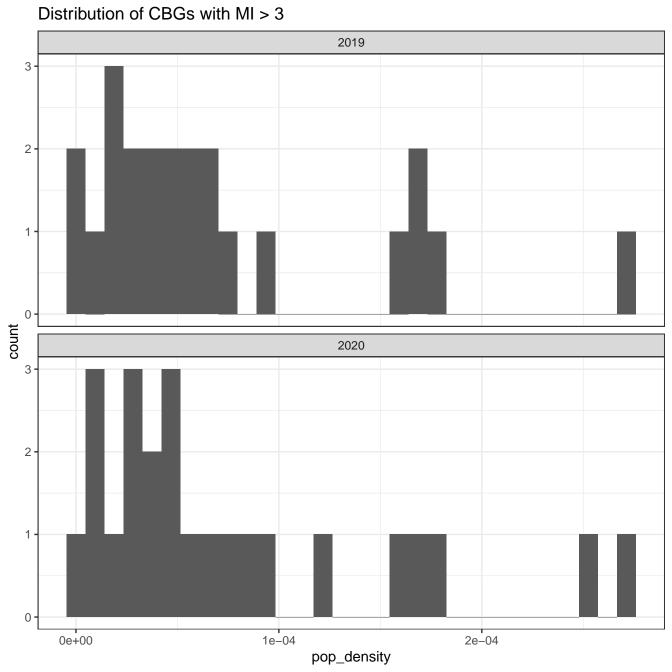
### 06087 Summer Mobility Over 34 Degrees



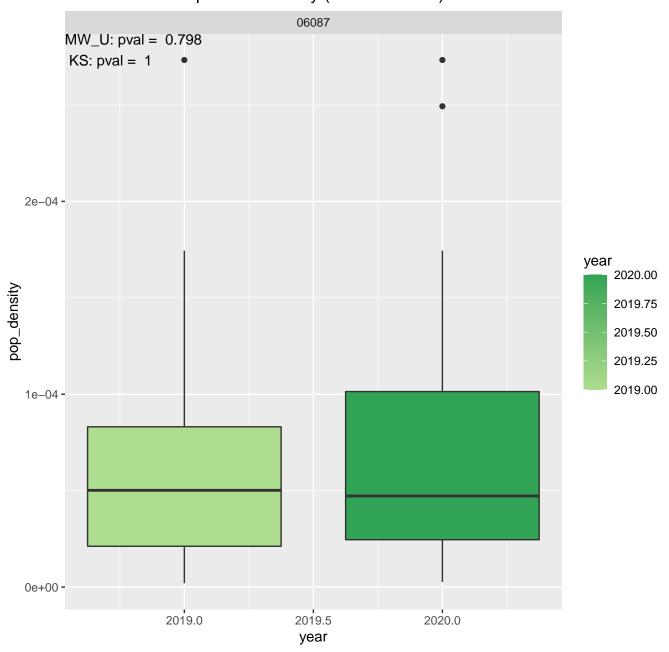
06087 Summer Mobility Over 34 Degrees & MI > 3







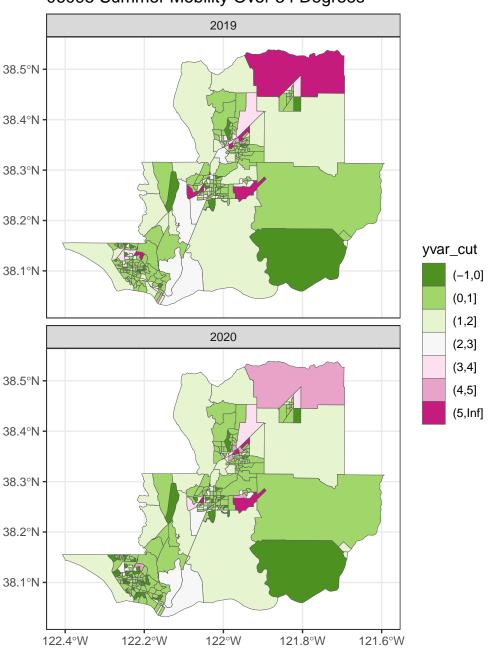
Distribution of Population Density (all incl outliers)



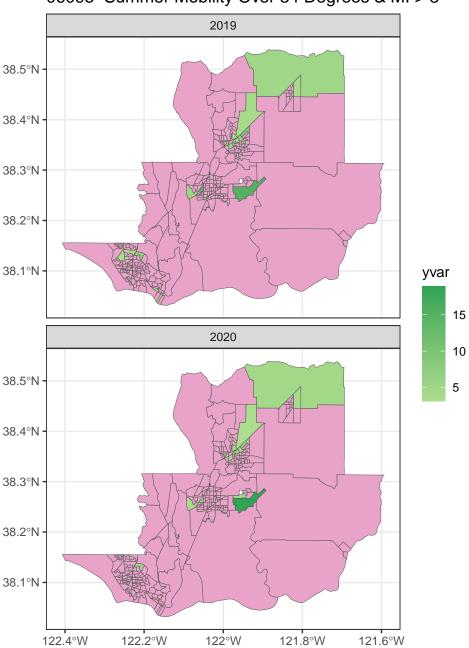
Distribution of Population Density (no outliers) 06087  $MW_U: pval = 0.798$ KS: pval = 10.00015 year 2020.00 pop\_density 2019.75 2019.50 2019.25 2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0

year

# 06095 Summer Mobility Over 34 Degrees



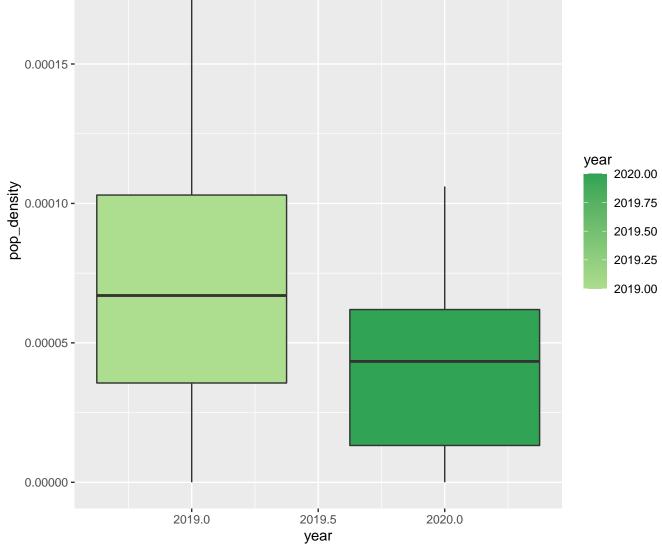
06095 Summer Mobility Over 34 Degrees & MI > 3



Distribution of CBGs with MI > 3 2019  $10000 \text{ MW_U: pval} = 0.104$ KS: pval = 0.4877500 -5000 -2500 -0 density 2020  $10000 \text{ MW_U: pval} = 0.104$ KS: pval = 0.4877500 -5000 -2500 -0 0.00010 0.00000 0.00005 0.00015 pop\_density

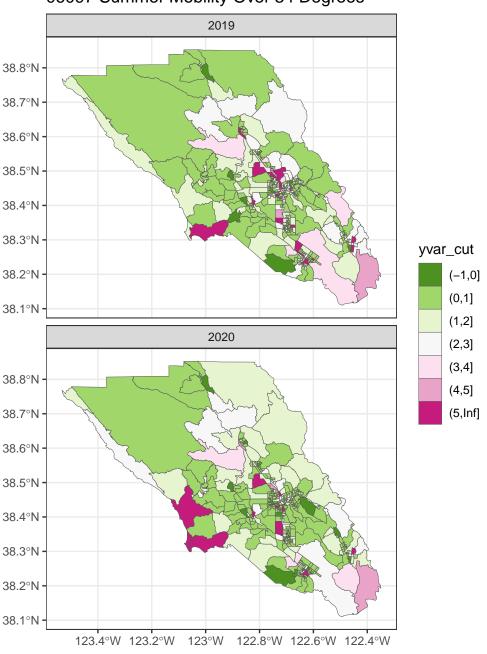
Distribution of CBGs with MI > 3 2019 2.0 1.5 1.0 0.5 0.0 count 2020 2.0 -1.5 -1.0 0.5 0.0 0.00005 0.00010 0.00000 0.00015 0.000 pop\_density

Distribution of Population Density (all incl outliers) 06095  $MW_U: pval = 0.104$  $KS: pval = 0.487_I$ 0.00015 year 2020.00 2019.75 2019.50 2019.25 2019.00 0.00005 -

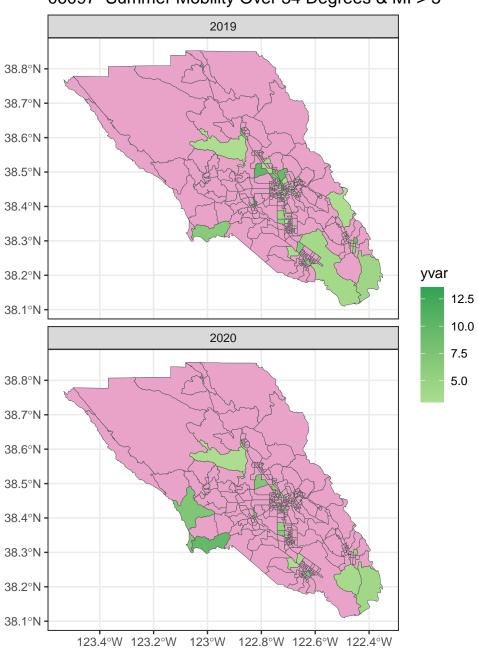


Distribution of Population Density (no outliers) 06095  $MW_U: pval = 0.104$ 0.00020 KS: pval = 0.4870.00015 year 2020.00 pop\_density -2019.75 2019.50 2019.25 2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0 year

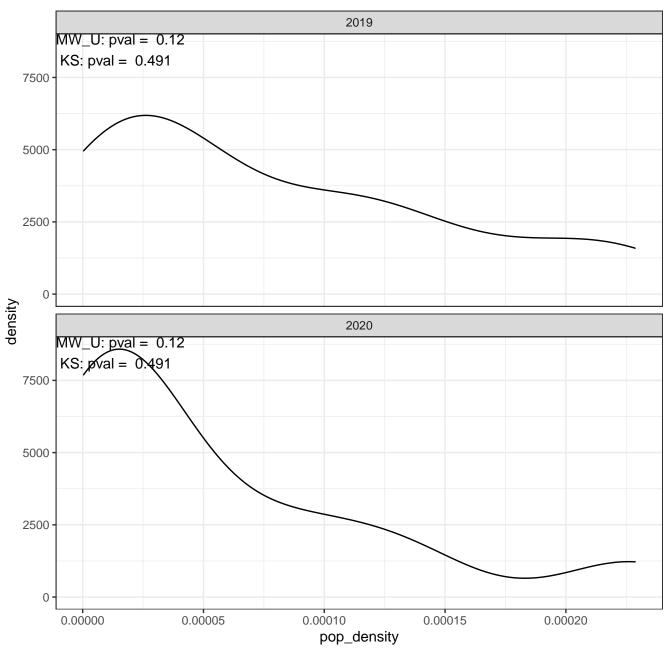
### 06097 Summer Mobility Over 34 Degrees



06097 Summer Mobility Over 34 Degrees & MI > 3



Distribution of CBGs with MI > 3



Distribution of CBGs with MI > 3 2019 5 -4 3 2 1 0 count 2020 5 4 3 2 1 0 0.00000 0.00005 0.00010 0.00020 0.00015 pop\_density

Distribution of Population Density (all incl outliers) 06097  $MW_U$ : pval = 0.12  $KS: pval = 0.491_{I}$ 0.00020 -0.00015 year 2020.00 dod o.00010 -2019.75 2019.50 2019.25 2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0 year

Distribution of Population Density (no outliers) 06097  $0.00025 \text{ -MW_U}$ : pval = 0.12KS: pval = 0.4910.00020 -0.00015 year 2020.00 2019.75

