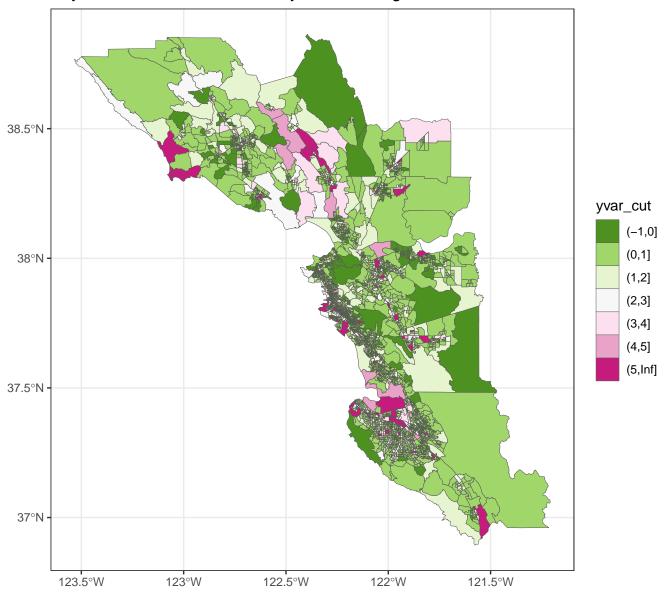
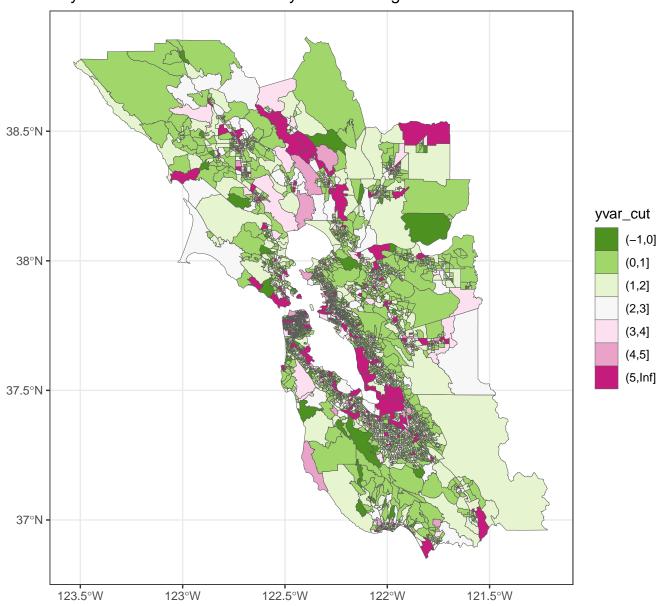
##---- Tue Aug 17 13:23:55 2021 ----##

Bay Area Data Overview

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



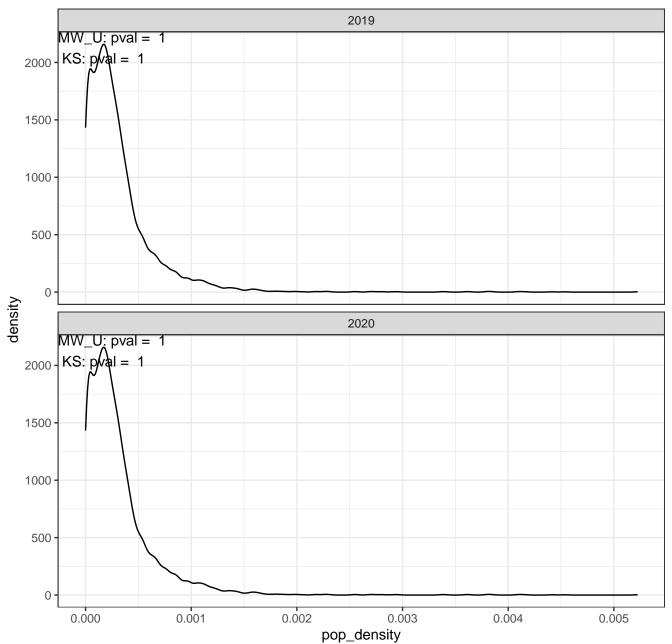
Bay Area 2019 Summer Mobility Over 34 Degrees



### Bay Area 2020 Summer Mobility Over 34 Degrees



Distribution of CBGs with MI > 3



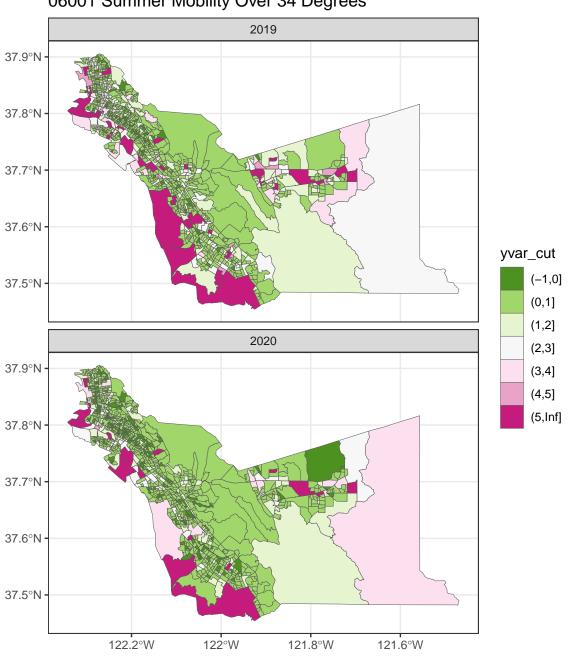
Distribution of CBGs with MI > 3 2019 1500 1000 500 0 count 2020 1500 1000 -500 -0 0.000 0.002 0.004 pop\_density

Distribution of Population Density (split by County) 06001 06013 06041 06055 0.0012 0.004 -0.004 -6e-04 0.0009 -0.003 0.003 4e-04 -0.0006 0.002 -0.002 -2e-04 -0.0003 -0.001 0.001 0.000 -0.0000 0.000 0e+00 06013 06055 06001 06041 06075 06081 06085 06087 8e-04 0.005 0.0015 year 0.004 -2 2020.00 0.004 6e-04 · pop\_density 0.003 -2019.75 0.0010 0.003 4e-04 -0.002 -2019.50 0.002 0.0005 -2e-04 -2019.25 0.001 0.001 2019.00 0.000 0.0000 0.000 0e+00 06087 06075 06081 06085 06095 06097 6e-04 6e-04 -4e-04 · 4e-04 -2e-04 -2e-04 -0e+00 0e+00 06095 06097 fips

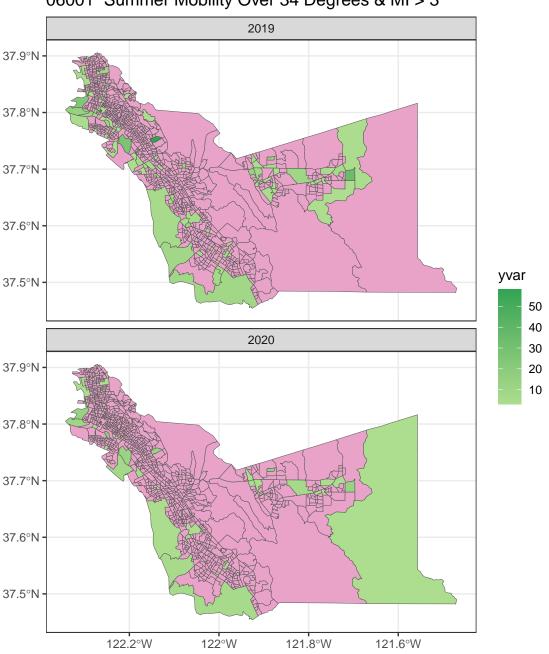
Distribution of Population Density (all incl outliers)  $MW_U: pval = 1$ KS: pval = 10.005 0.004 year 2020.00 pop\_density 0.003 2019.75 2019.50 2019.25 0.002 2019.00 0.001 0.000 06075 06081 06001 06013 06041 06055 06085 06087 06095 06097 fips

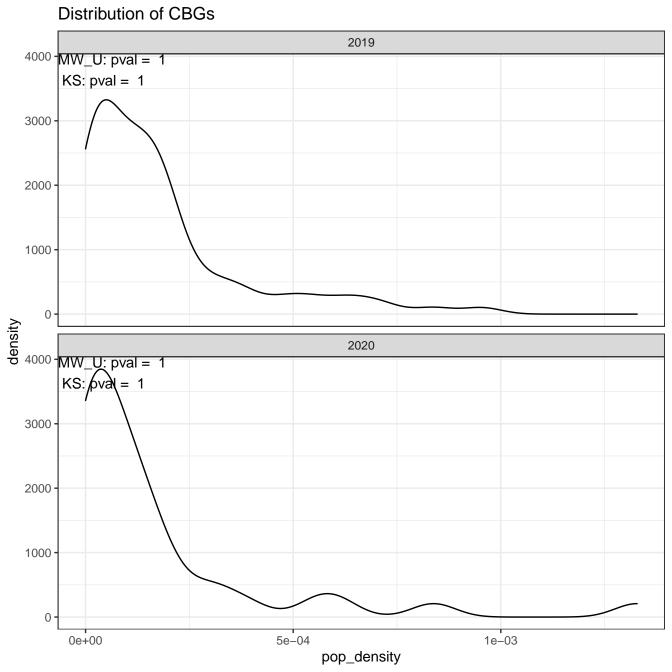
Distribution of Population Density (no outliers)  $MW_U$ : pval = 1 KS: pval = 1 0.00075 year 0.00050 2020.00 pop\_density 2019.75 2019.50 2019.25 2019.00 0.00025 -0.0000006001 06013 06041 06055 06075 06081 06085 06087 06095 06097 fips

# 06001 Summer Mobility Over 34 Degrees



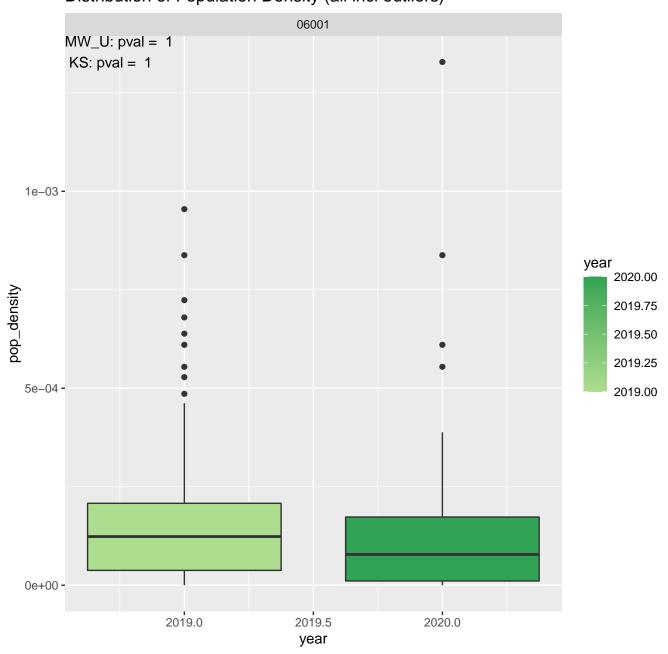
06001 Summer Mobility Over 34 Degrees & MI > 3



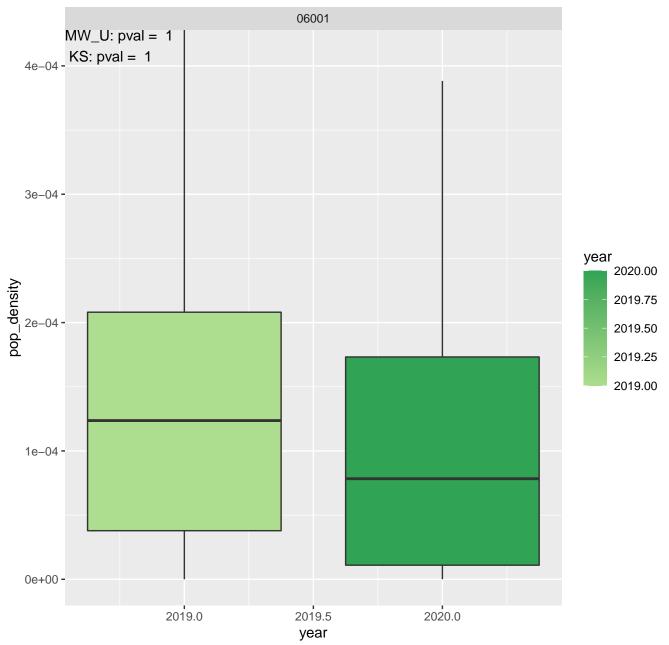


Distribution of CBGs 2019 15 -10 -5 -0 count 2020 15 **-**10 -5 -0 -0e+00 5e-04 1e-03 pop\_density

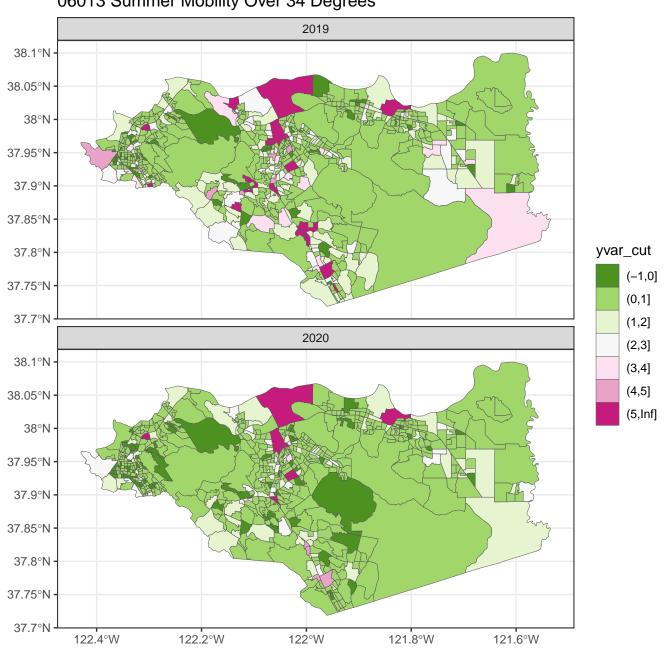
Distribution of Population Density (all incl outliers)



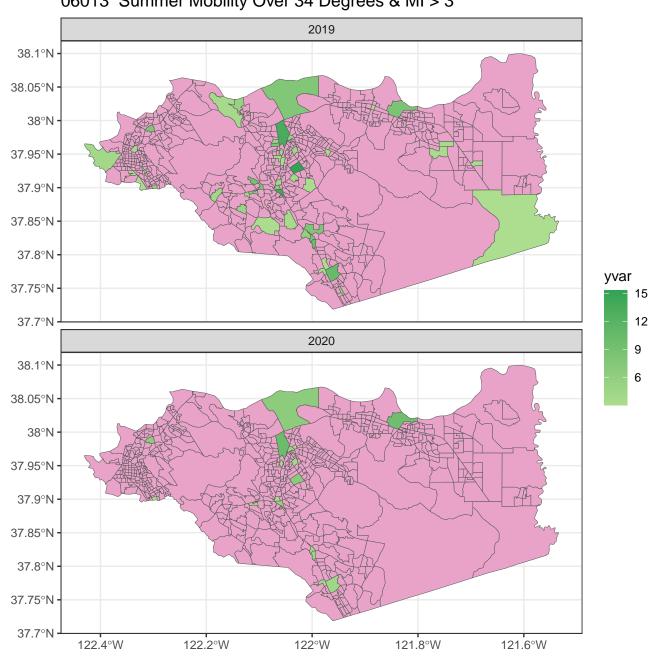
Distribution of Population Density (no outliers)

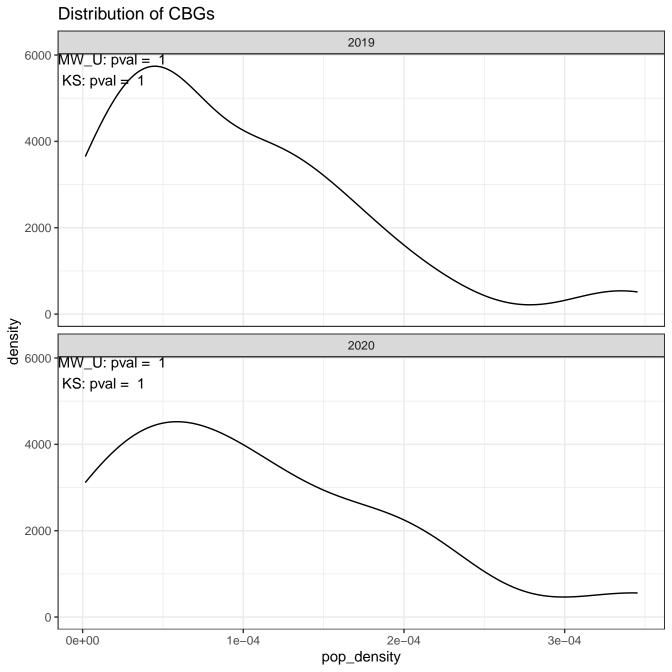


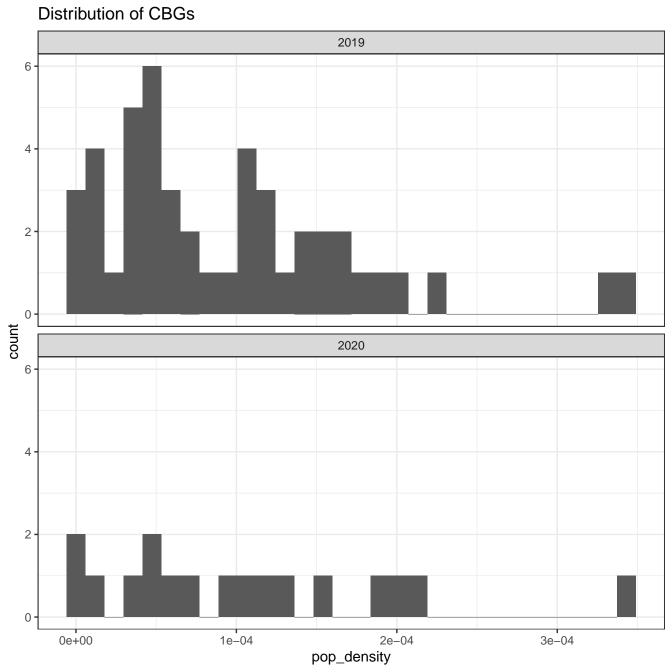
### 06013 Summer Mobility Over 34 Degrees



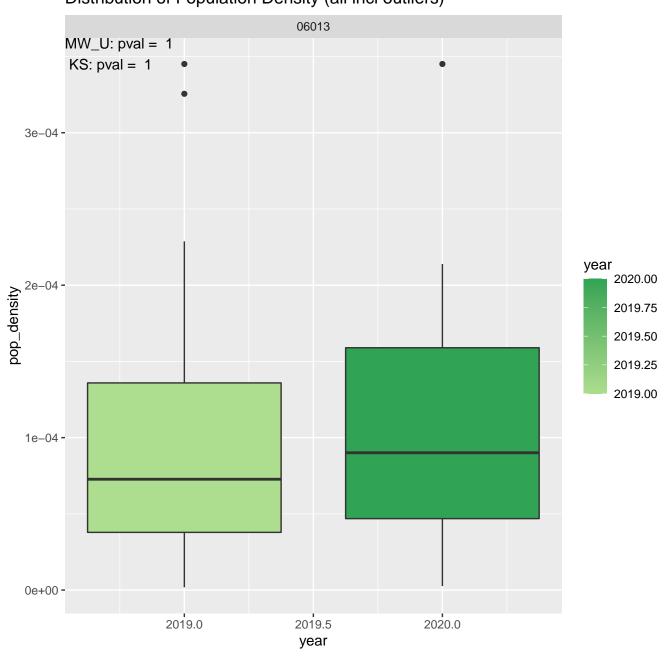
06013 Summer Mobility Over 34 Degrees & MI > 3



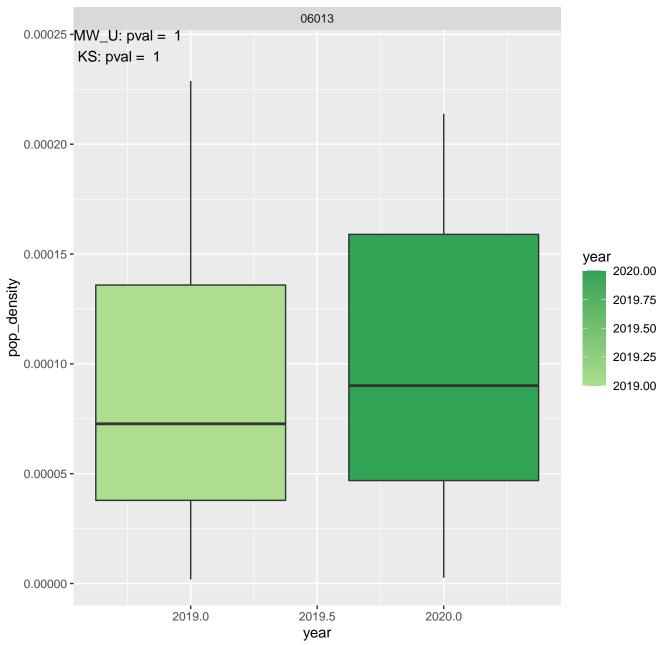




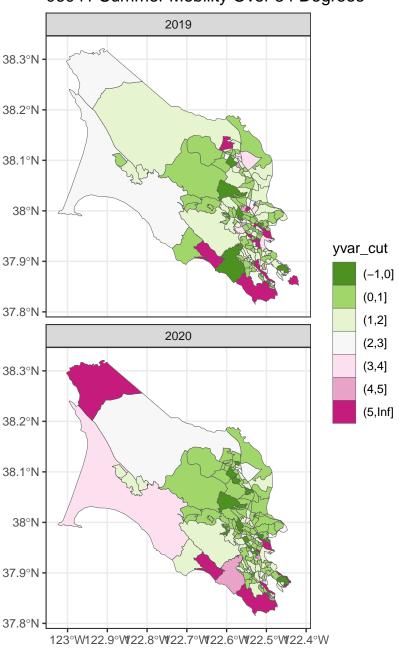
Distribution of Population Density (all incl outliers)



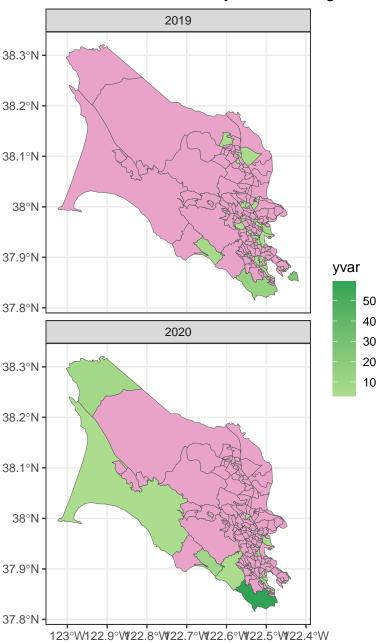
Distribution of Population Density (no outliers)



# 06041 Summer Mobility Over 34 Degrees



06041 Summer Mobility Over 34 Degrees & MI > 3



Distribution of CBGs 2019  $MW_U$ : pval = 0.927 8000 KS: pval = 1 6000 -4000 2000 0 density 2020  $MW_U: pval = 0.927$ 8000 -KS: pval = 6000 4000 -2000 0 0.00010 0.00020 0.00000 0.00005 0.00015 pop\_density

Distribution of CBGs count 0.00000 0.00005 0.00010 0.00015 0.00020 pop\_density

Distribution of Population Density (all incl outliers) 06041  $MW_U: pval = 0.927$ KS: pval = 10.00020 -0.00015 year 2020.00 pop\_density 2019.75 2019.50 2019.25 2019.00 0.00005 -

2019.5

year

2020.0

0.00000 -

2019.0

Distribution of Population Density (no outliers) 06041  $_{0.00025}$  -MW\_U: pval = 0.927 KS: pval = 1 0.00020 -0.00015 year 2020.00 pop\_density 2019.75 2019.50 2019.25 0.00010 -2019.00 0.00005 -0.00000 -

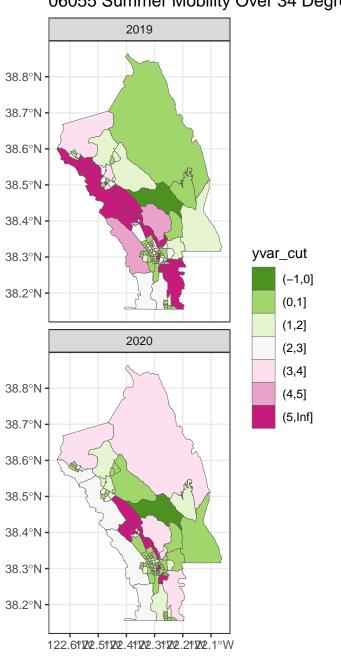
2019.5

year

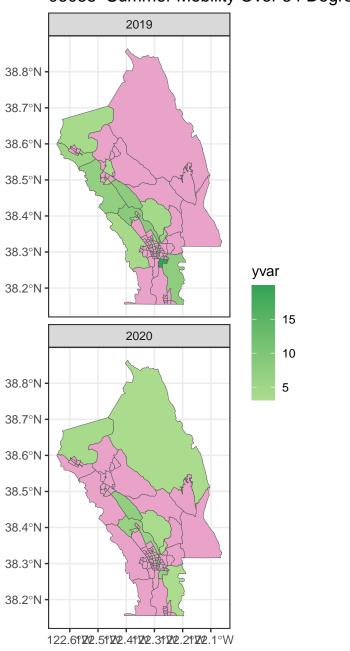
2020.0

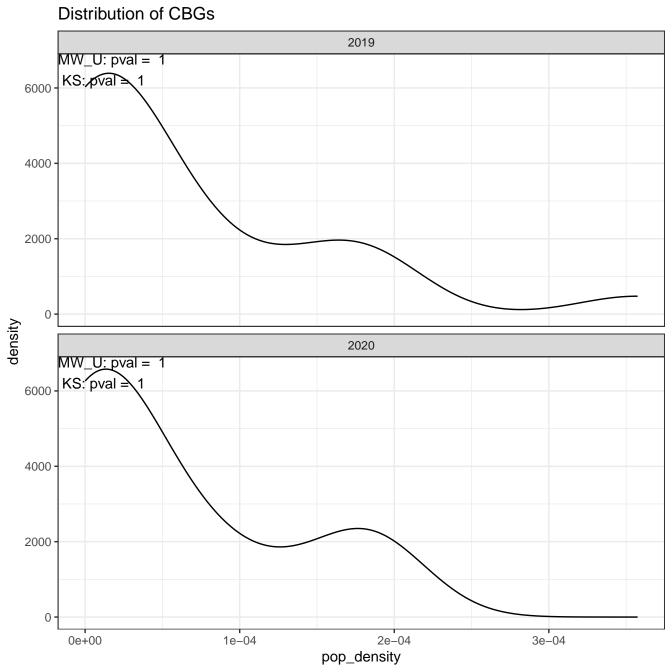
2019.0

# 06055 Summer Mobility Over 34 Degrees

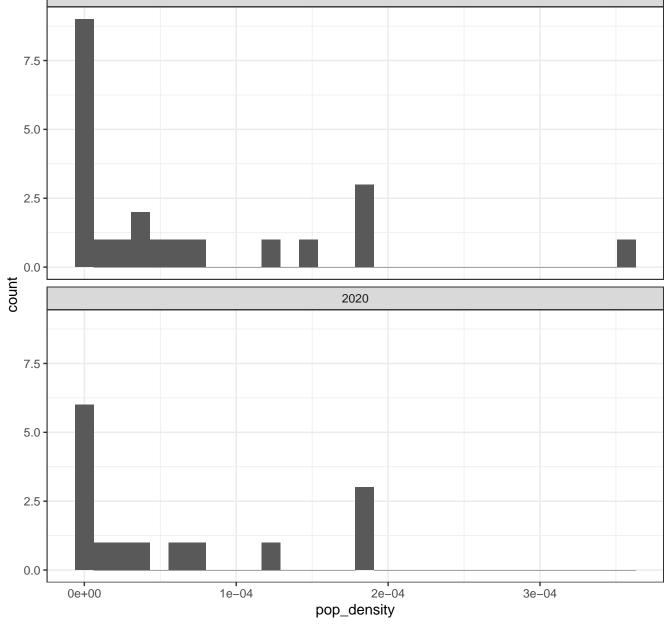


06055 Summer Mobility Over 34 Degrees & MI > 3

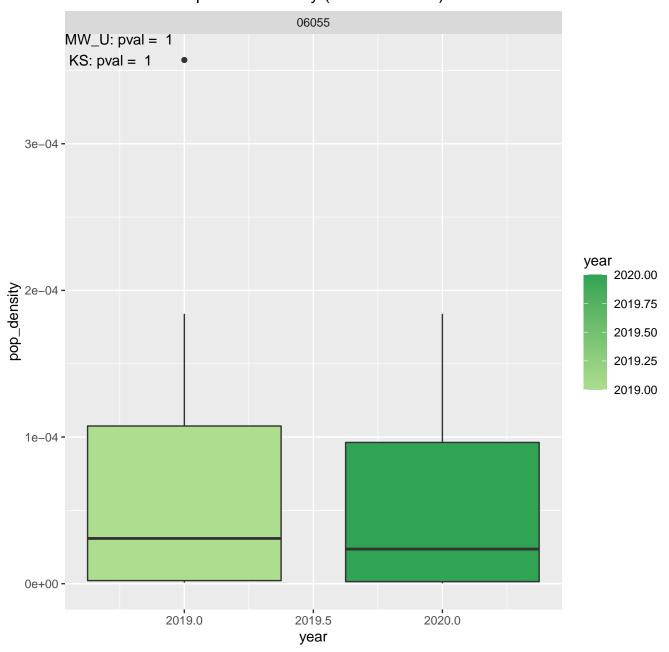




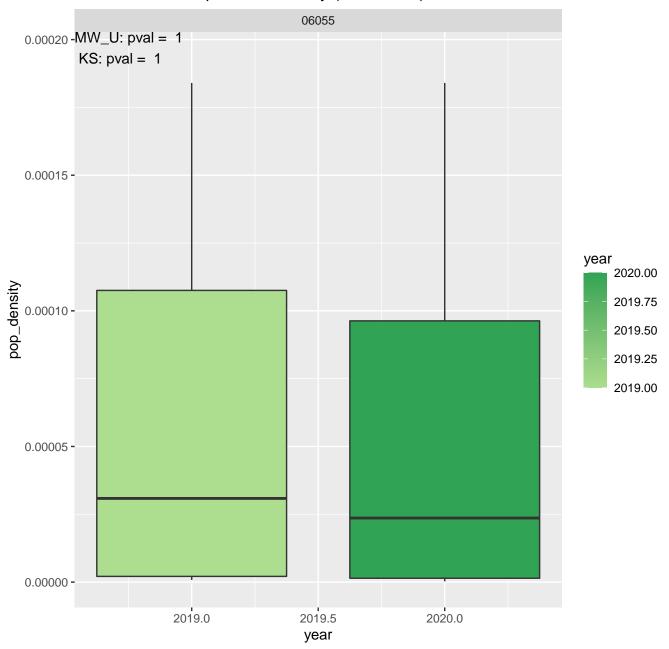
Distribution of CBGs 2019 7.5 -5.0 2.5 0.0 count 2020 7.5 5.0



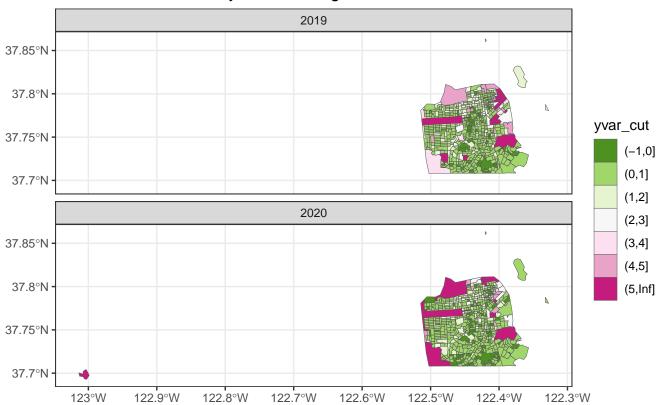
Distribution of Population Density (all incl outliers)



Distribution of Population Density (no outliers)



#### 06075 Summer Mobility Over 34 Degrees

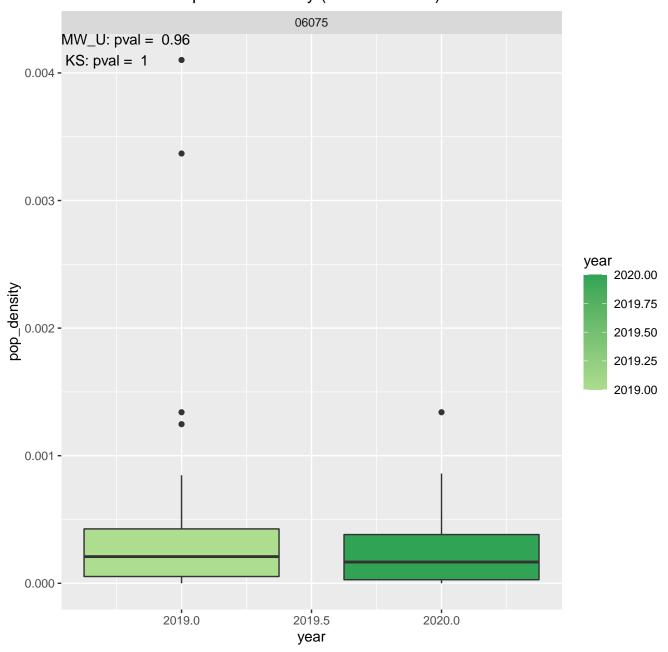


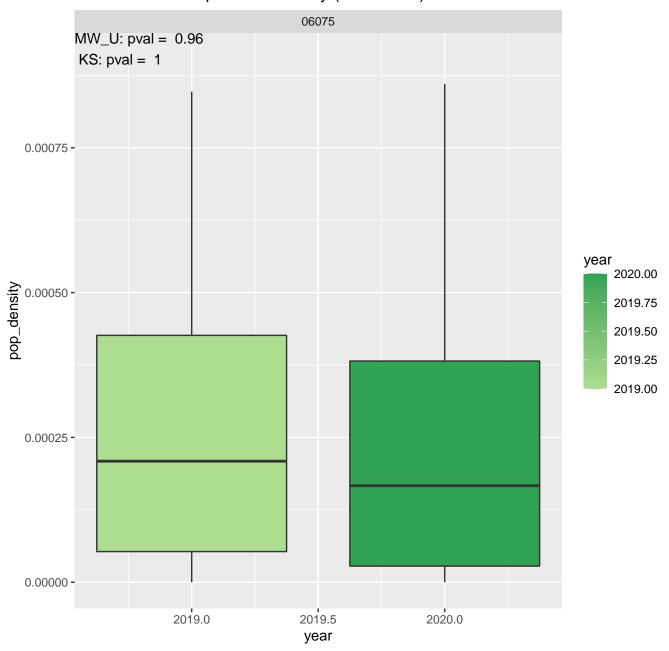
#### 06075 Summer Mobility Over 34 Degrees & MI > 3

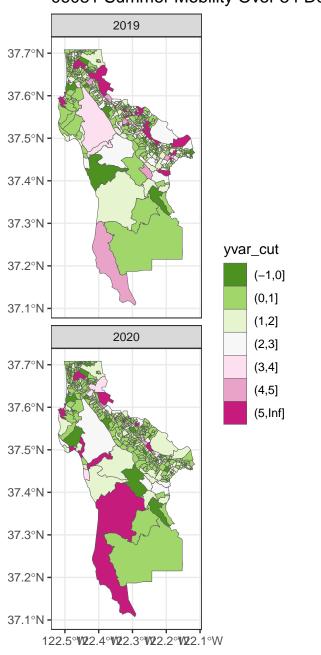


Distribution of CBGs 2019 MW\_U: pval = 0.96 KS:  $p \propto al = 1$ 1500 1000 -500 0 density 2020  $MW_U$ : pval = 0.96 KS:/pval = 11500 1000 -500 -0 0.001 0.002 0.000 0.003 0.004 pop\_density

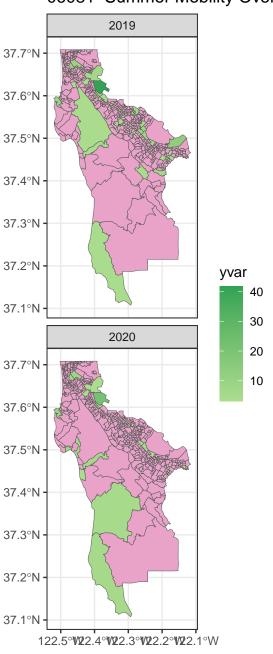
Distribution of CBGs 2019 10.0 -7.5 -5.0 -2.5 -0.0 count 2020 10.0 -7.5 -5.0 -2.5 -0.0 0.000 0.001 0.002 0.003 0.004 pop\_density

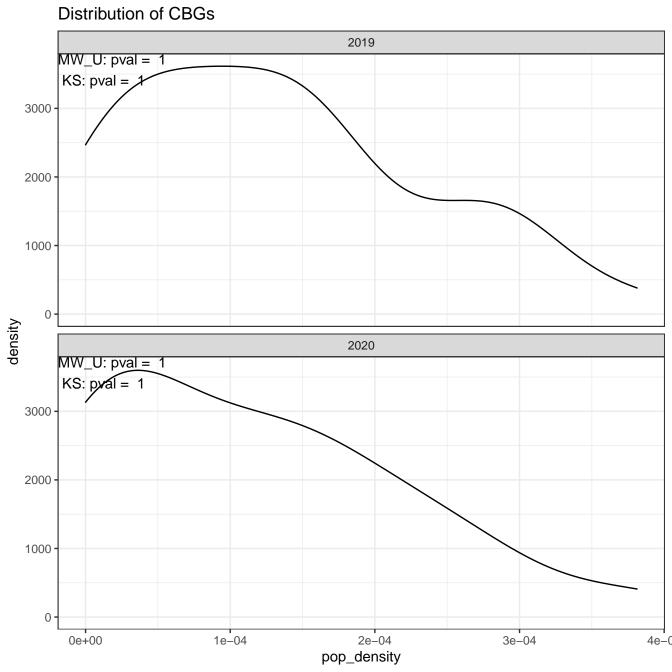


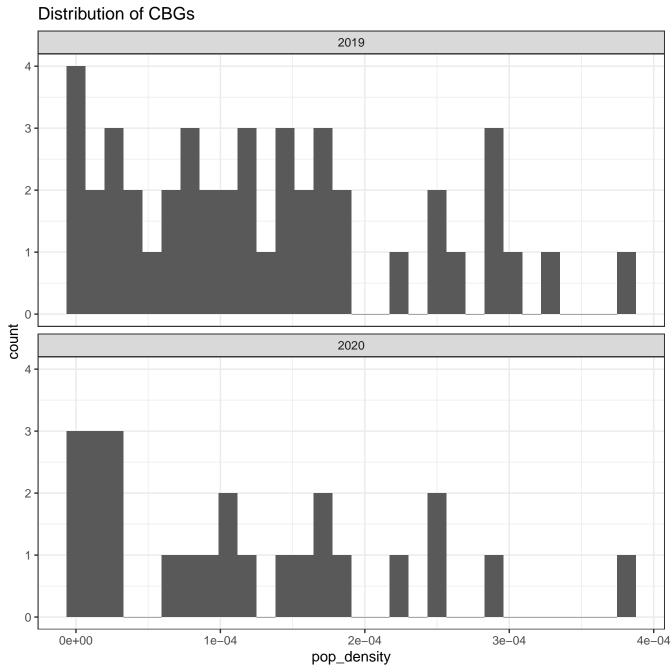


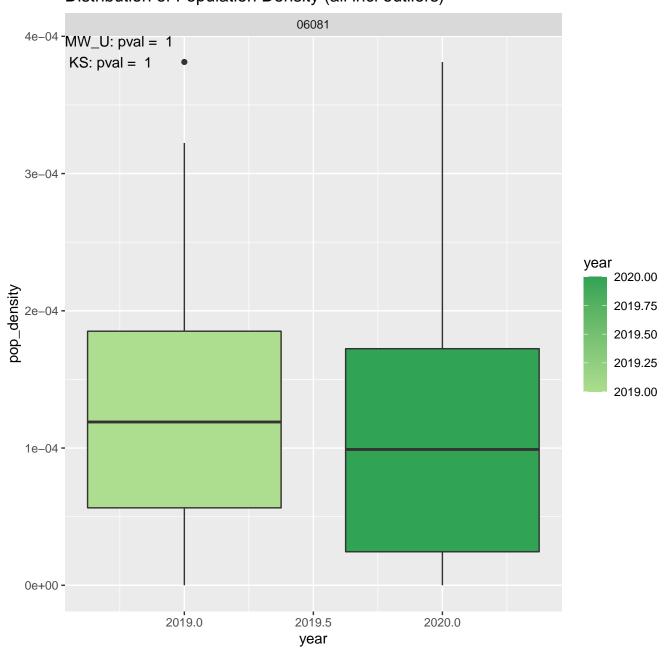


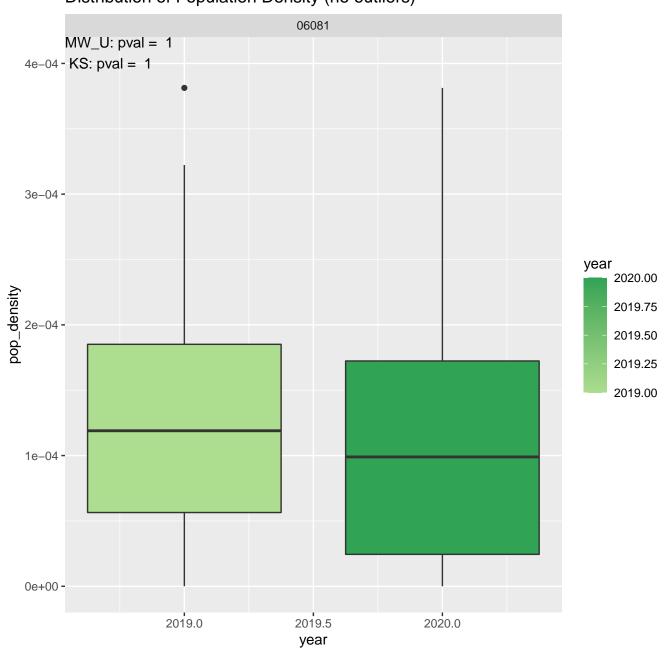
06081 Summer Mobility Over 34 Degrees & MI > 3

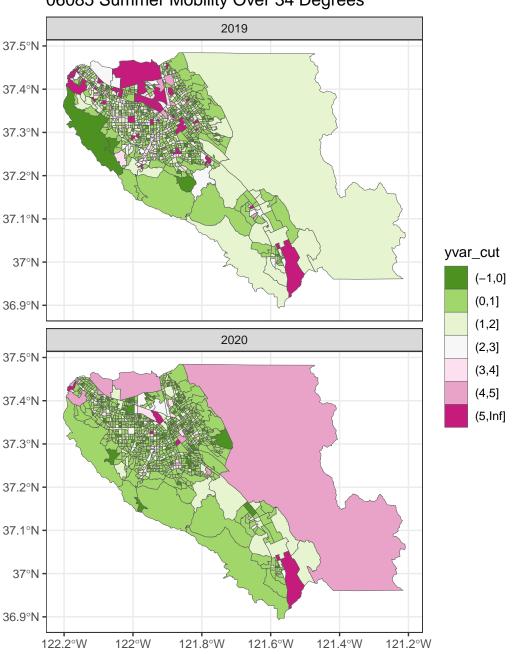




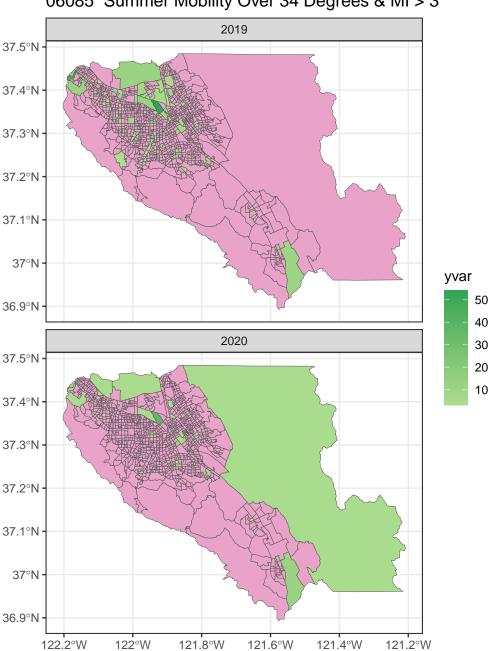


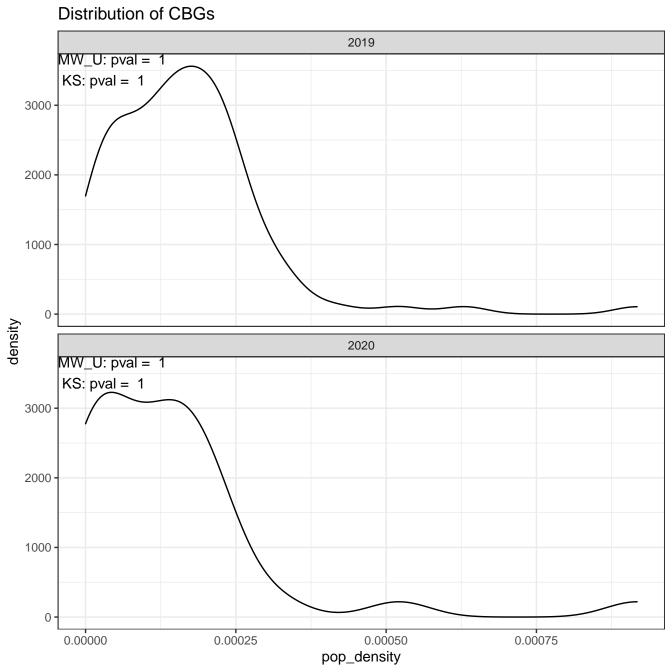




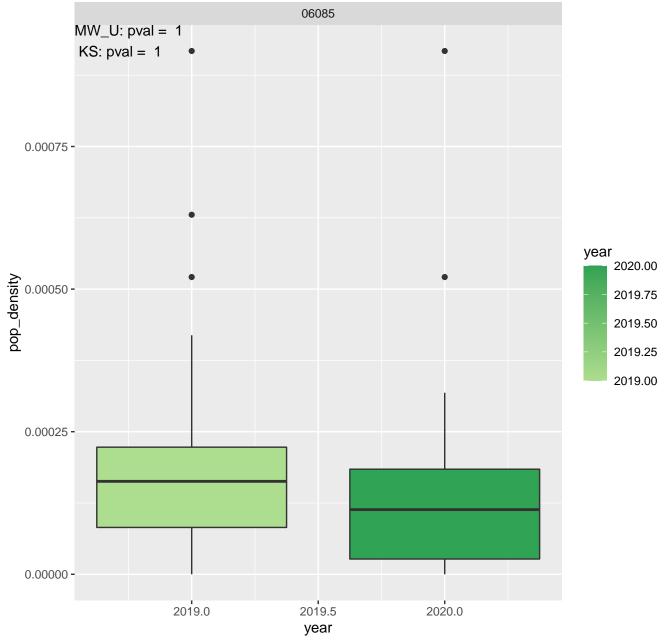


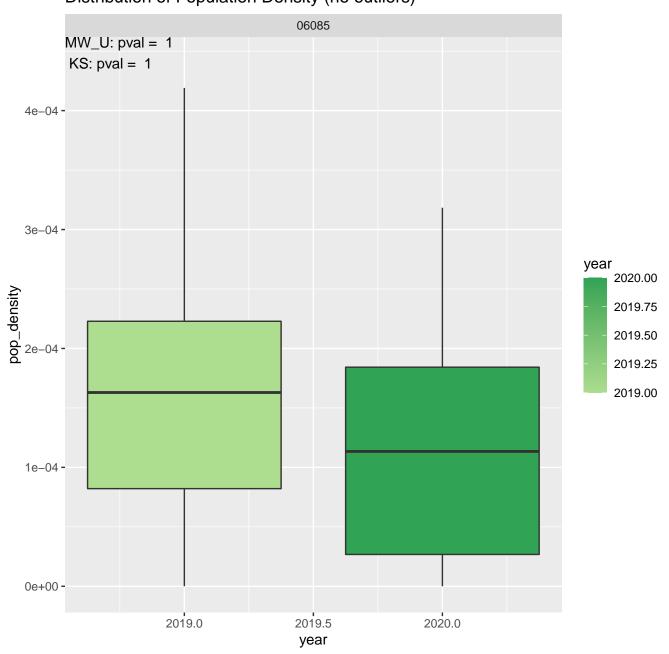
06085 Summer Mobility Over 34 Degrees & MI > 3

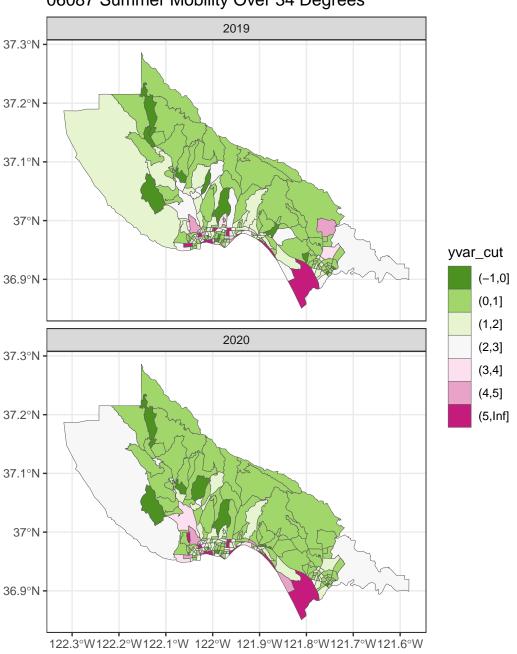




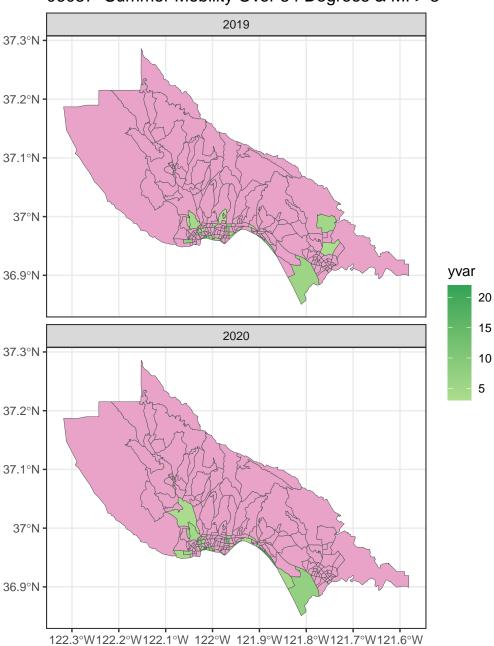
Distribution of CBGs 2019 10 -5 count 2020 10 -5 -0 . 0.00000 0.00025 0.00050 0.00075 pop\_density

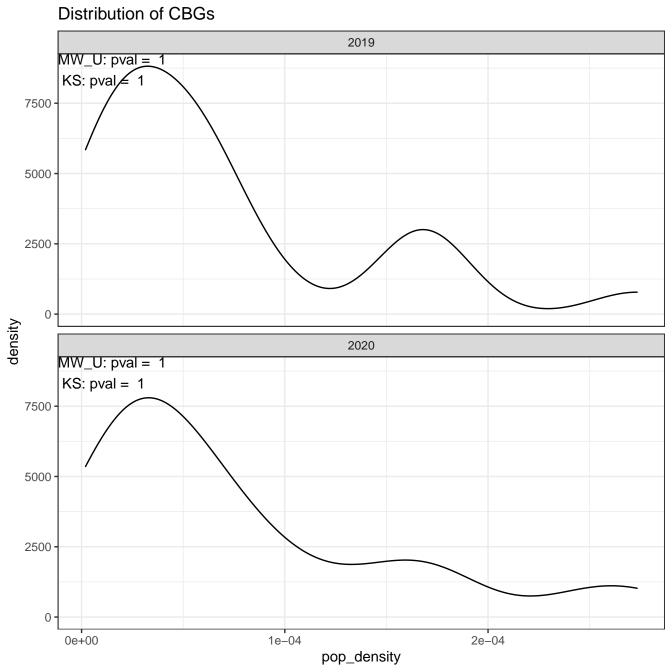


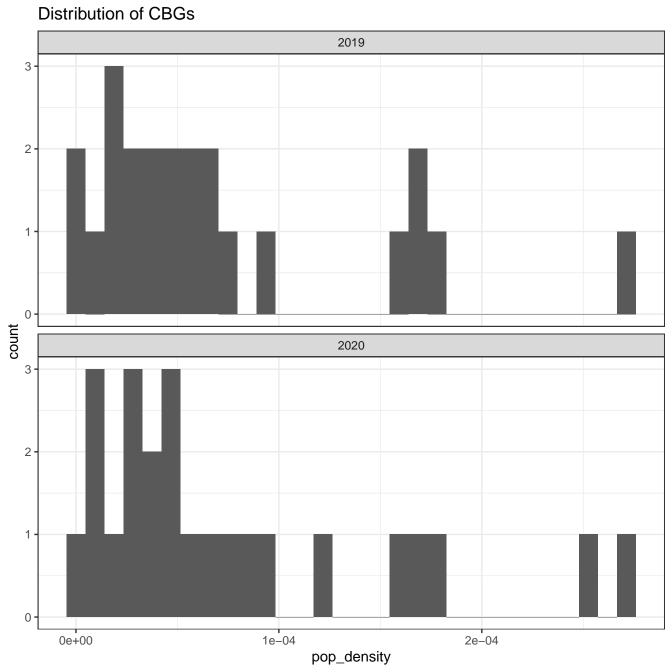


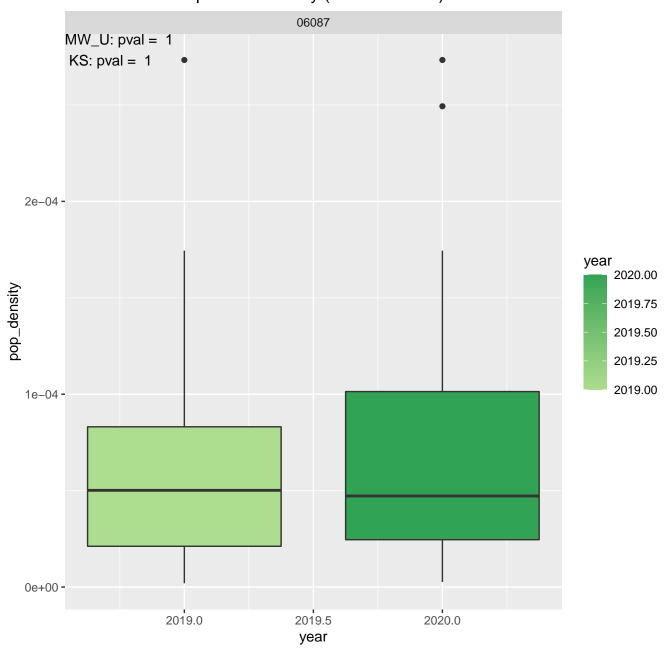


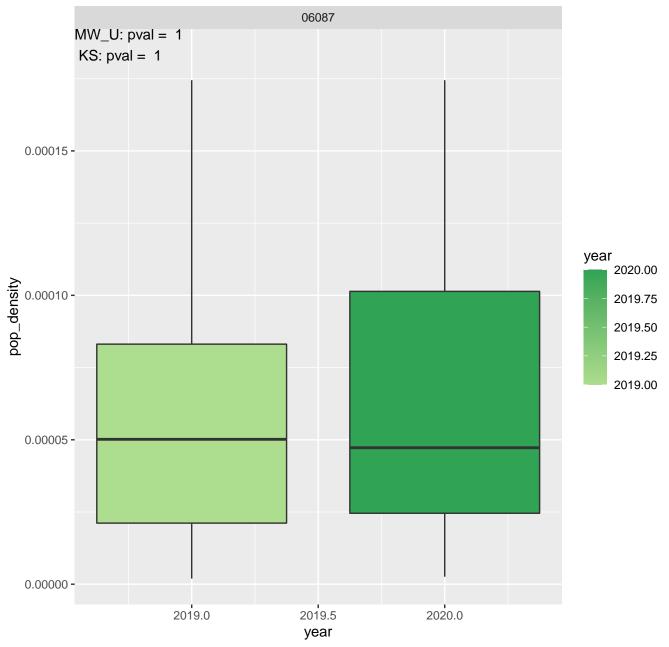
06087 Summer Mobility Over 34 Degrees & MI > 3

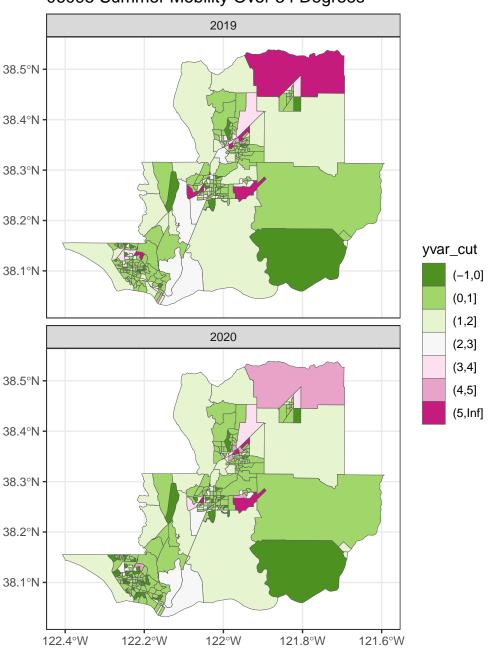




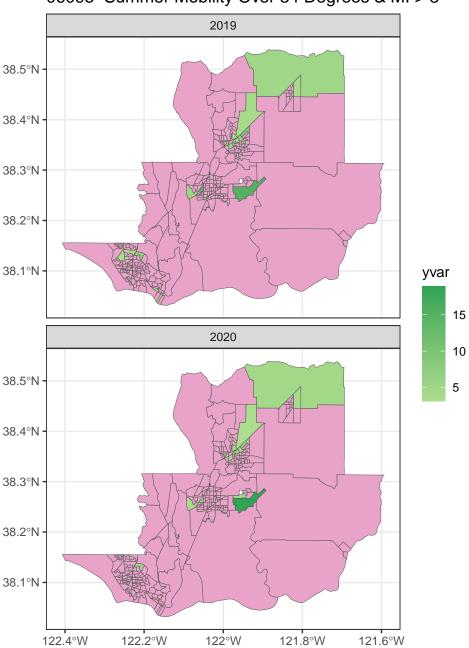






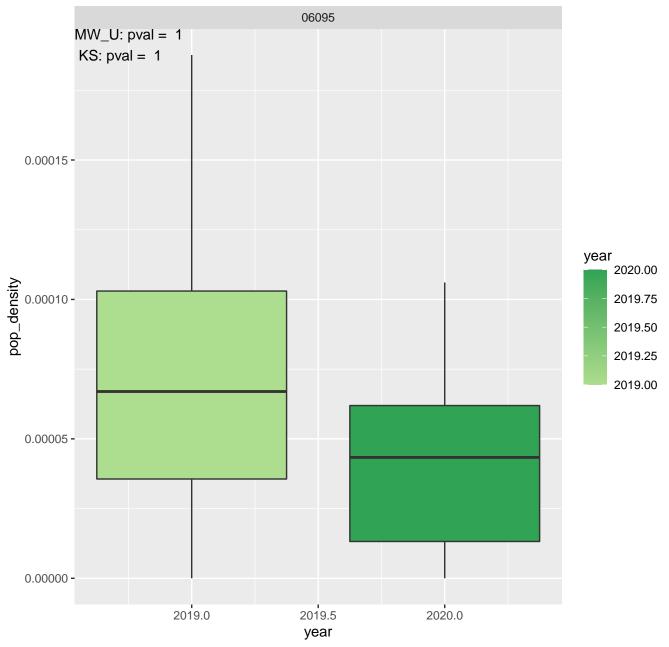


06095 Summer Mobility Over 34 Degrees & MI > 3

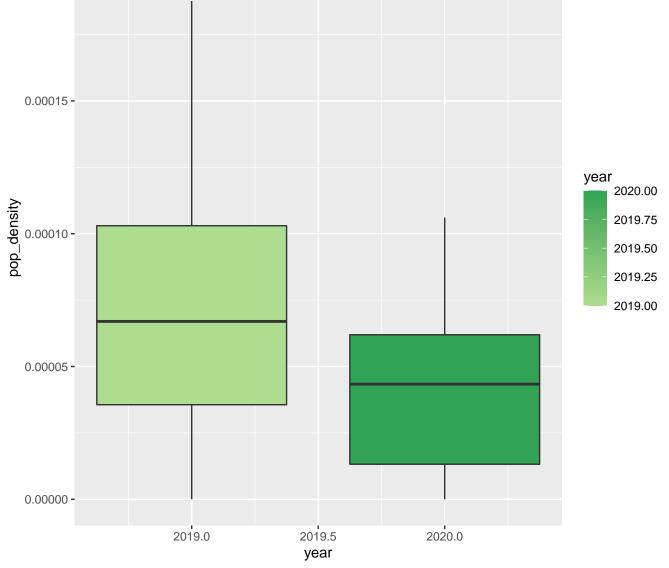


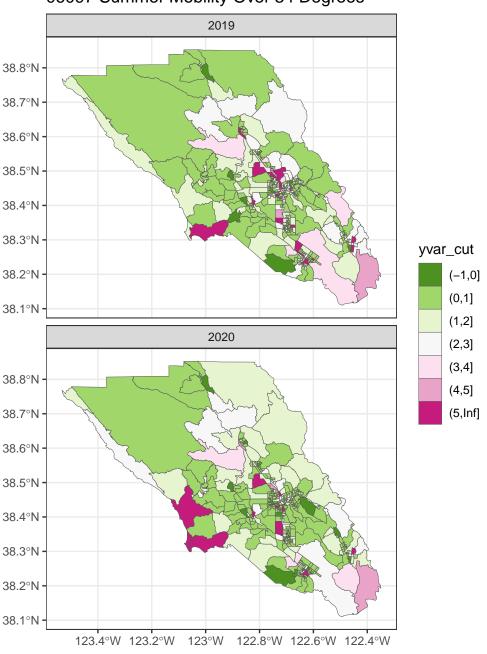
Distribution of CBGs 2019  $10000 \text{ MW_U: pval} = 1$ KS: pval = 17500 -5000 -2500 -0 density 2020 10000 MW\_U: pval = 1 KS: pval = 1 7500 -5000 -2500 -0.00005 0.00010 0.00000 0.00015 pop\_density

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

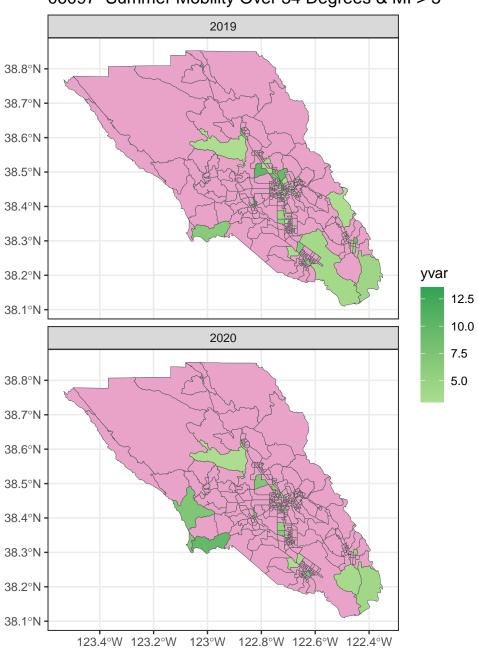


Distribution of Population Density (no outliers) 06095  $MW_U: pval = 1$ 0.00020 KS: pval = 1 0.00015 year 2020.00



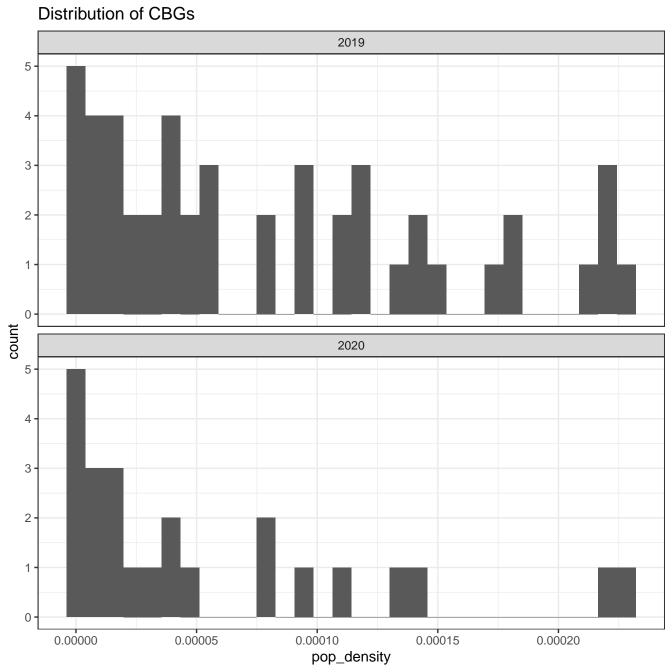


06097 Summer Mobility Over 34 Degrees & MI > 3



Distribution of CBGs 2019  $MW_U$ : pval = 1 KS: pval = 1 7500 -5000 2500 0 density 2020  $MW_U: pval = 1$ KS: pval = 7500 5000 2500 0.00010 0.00015 0.00000 0.00005 0.00020

pop\_density



Distribution of Population Density (all incl outliers) 06097  $MW_U: pval = 1$ KS: pval = 10.00020 -0.00015 year 2020.00 pop\_density 0.00010 -2019.75 2019.50 2019.25

