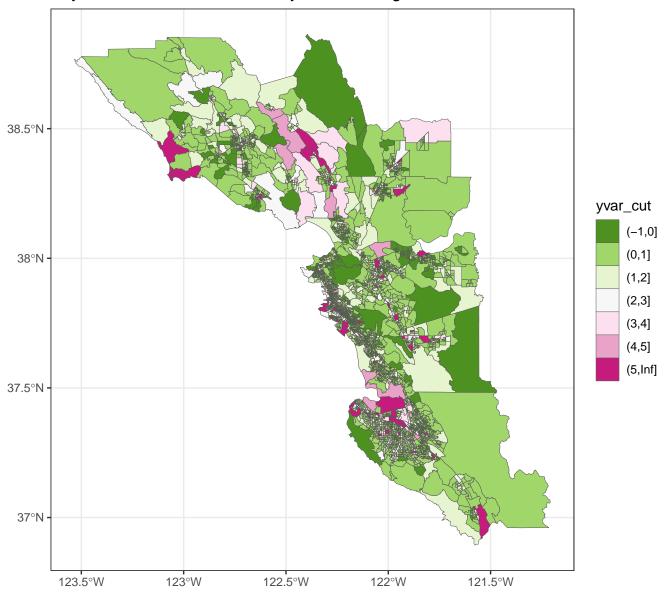
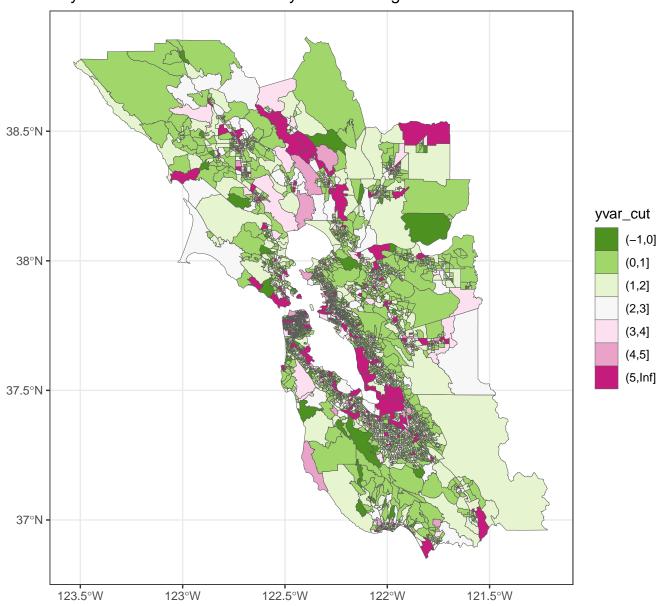
##---- Tue Aug 17 14:19:30 2021 ----##

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 Top 100 MI 2019 MW_U ; pval = 0.414 2000 KS: p/al = 0.699 1500 1000 -500 0 density 2020 MW_U: pval = 0.414 2000 - KS: pval = 0.699 1500 1000 -500

0.002

0.003

pop_density

0.004

0.005

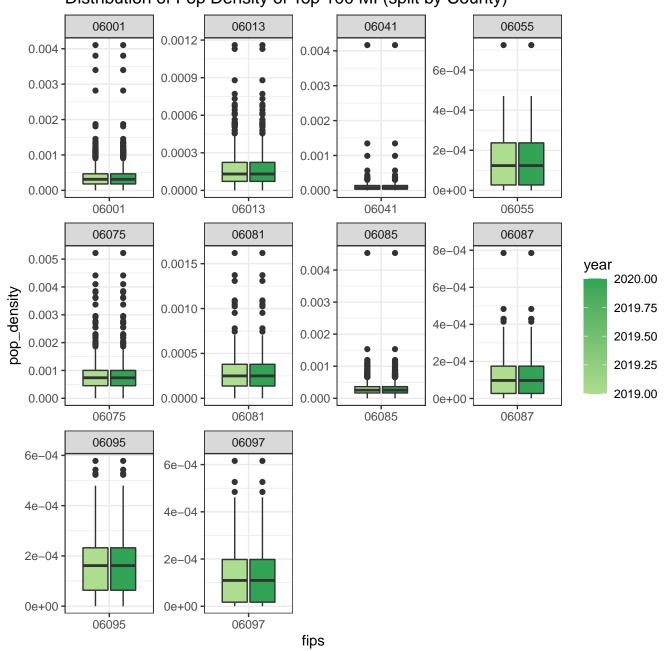
0.001

0

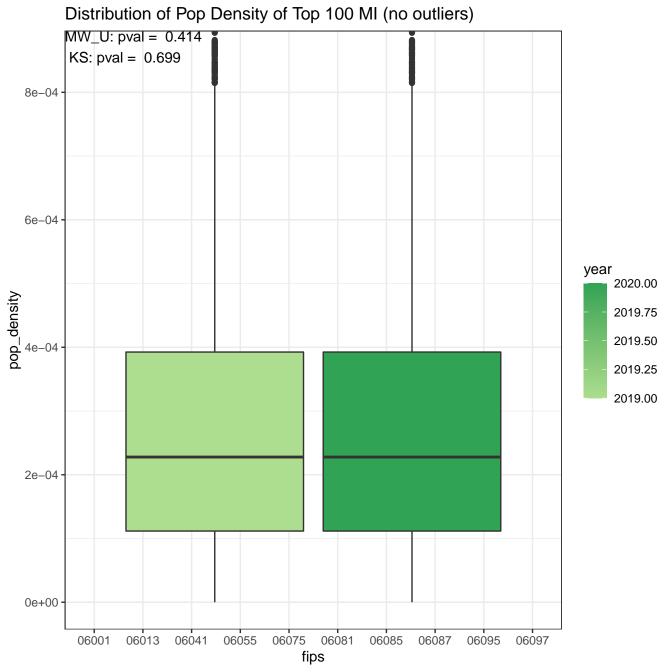
0.000

Distribution of Top 100 MI 2019 1500 1000 500 0 count 2020 1500 1000 -500 -0 0.004 0.000 0.002 pop_density

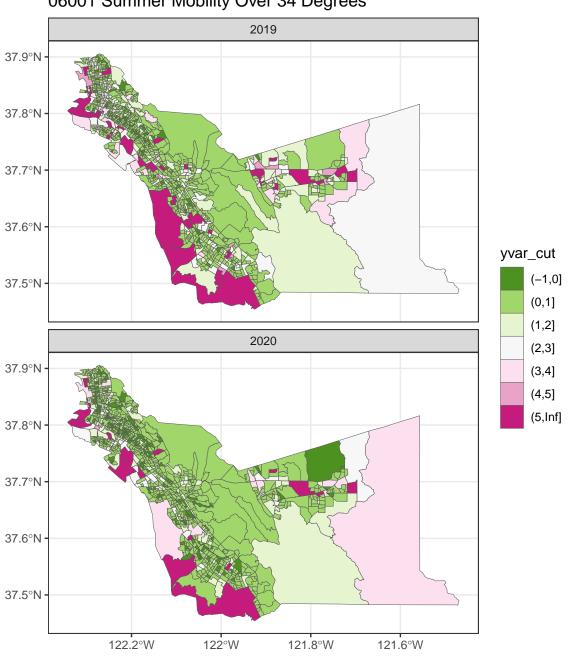
Distribution of Pop Density of Top 100 MI (split by County)



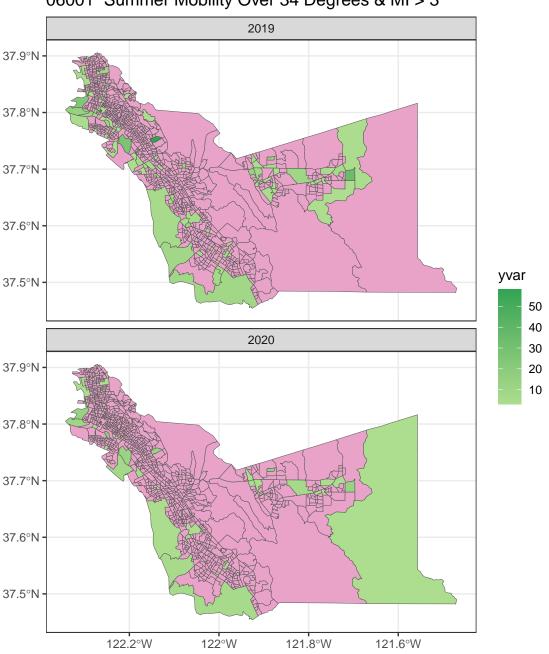
Distribution of Pop Density of Top 100 MI (all incl outliers) MW_U : pval = 0.414 KS: pval = 0.6990.005 0.004 year 2020.00 pop_density 0.003 2019.75 2019.50 2019.25 0.002 2019.00 0.001 0.000 06075 06081 06001 06013 06041 06055 06085 06087 06095 06097 fips

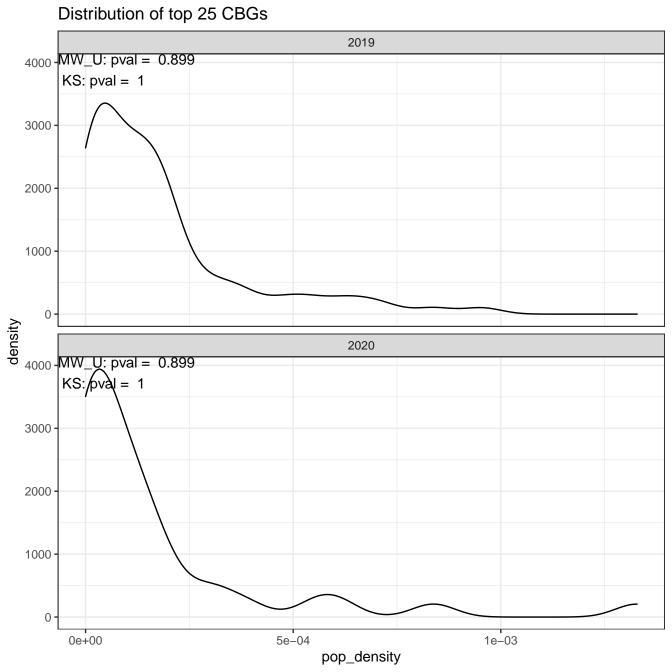


06001 Summer Mobility Over 34 Degrees



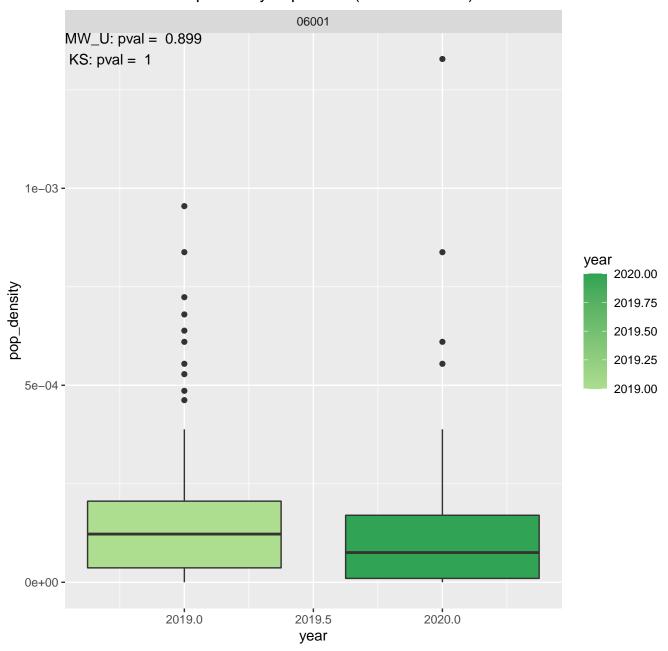
06001 Summer Mobility Over 34 Degrees & MI > 3



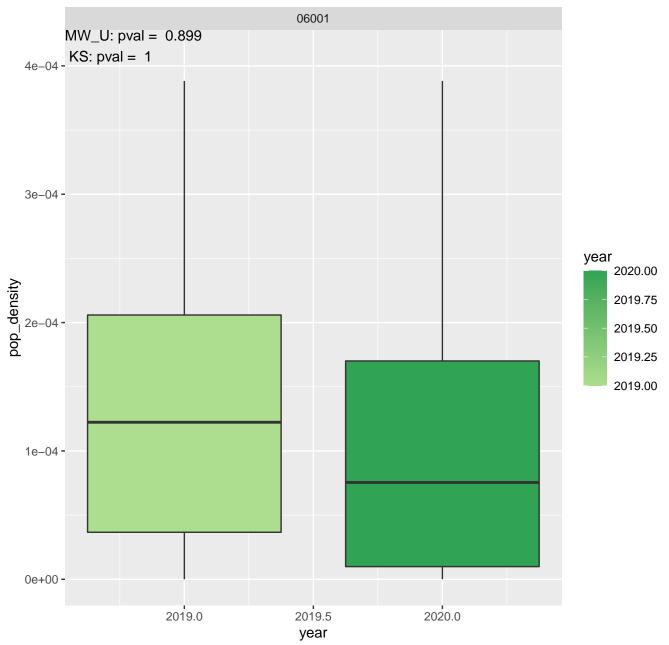


Distribution of top 25 CBGs 2019 15 -10 -5 count 2020 15 **-**10 -5 -0 -0e+00 5e-04 1e-03 pop_density

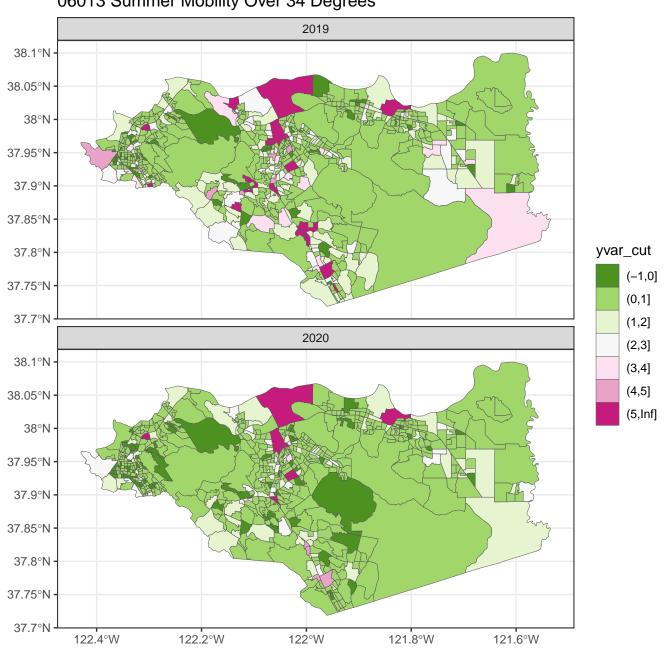
Distribution of Pop Density Top 25 MI (all incl outliers)



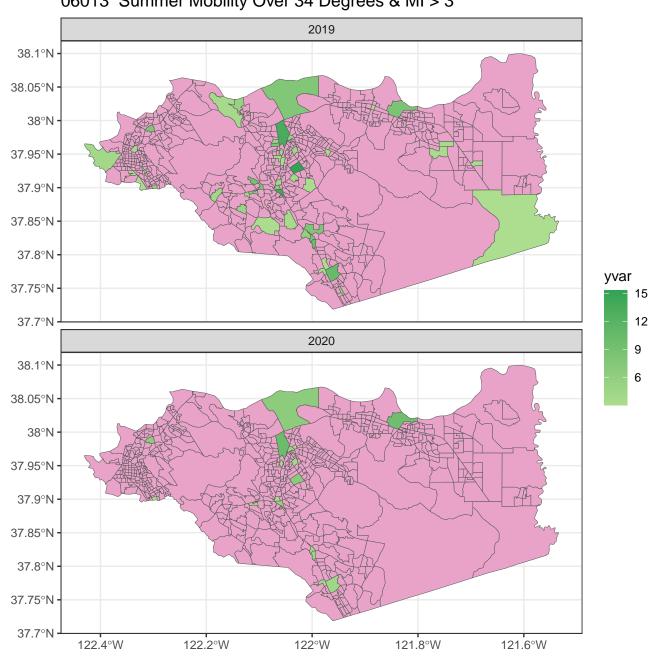
Distribution of Pop Density Top 25 MI (no outliers)

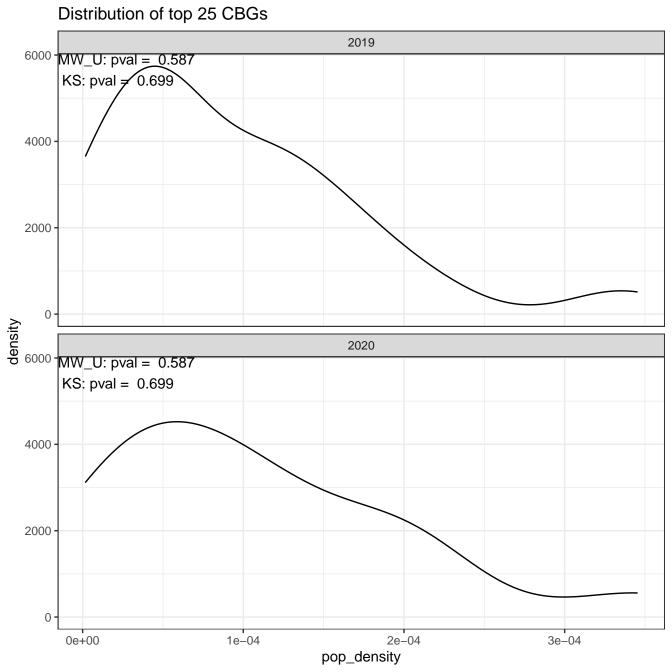


06013 Summer Mobility Over 34 Degrees



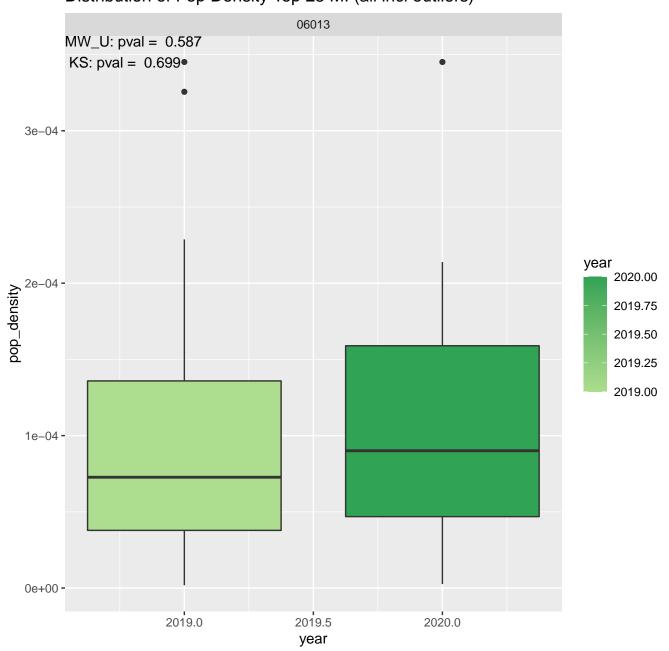
06013 Summer Mobility Over 34 Degrees & MI > 3





Distribution of top 25 CBGs 2019 6 4 2 0 count 2020 6 4 2 -0 1e-04 2e-04 0e+00 3e-04 pop_density

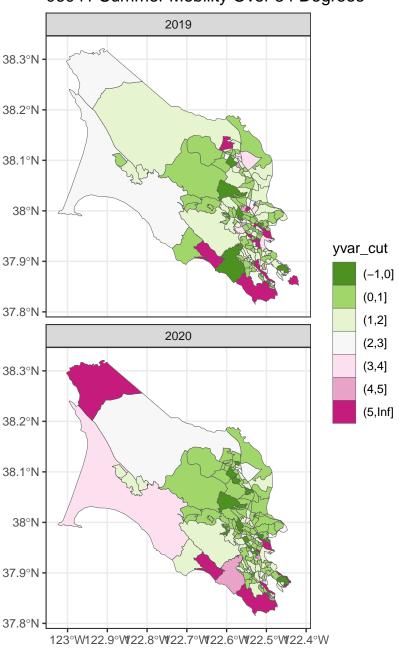
Distribution of Pop Density Top 25 MI (all incl outliers)



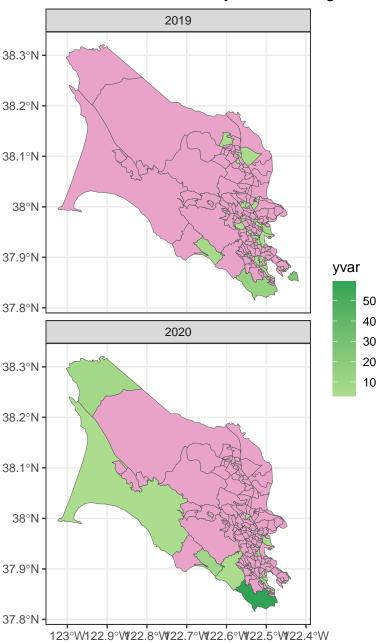
Distribution of Pop Density Top 25 MI (no outliers) 06013 0.00025 -MW_U: pval = 0.587KS: pval = 0.6990.00020 -0.00015 year 2020.00 pop_density 2019.75 2019.50 2019.25 0.00010 -2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0

year

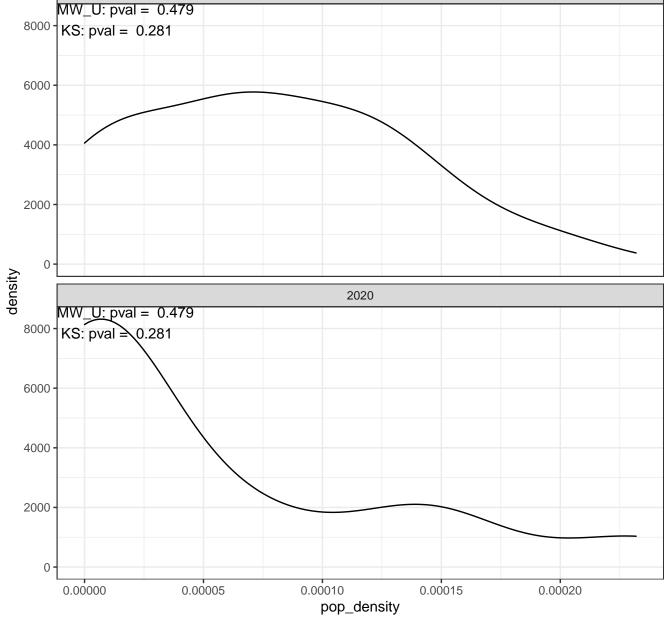
06041 Summer Mobility Over 34 Degrees



06041 Summer Mobility Over 34 Degrees & MI > 3

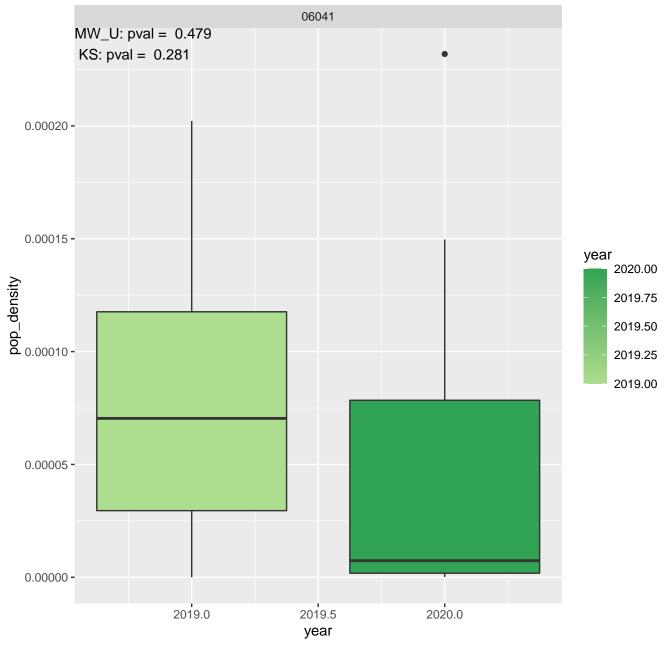


Distribution of top 25 CBGs 2019 MW_U : pval = 0.479 8000 -KS: pval = 0.281 6000 -4000 2000 0 density 2020 $MW_U: pval = 0.479$ 8000 -KS: pval = 0.281 6000 4000



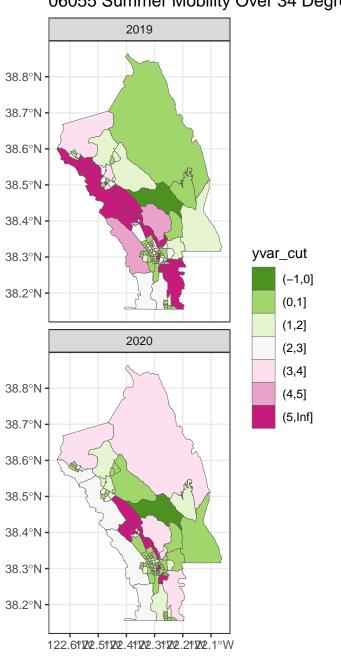
Distribution of top 25 CBGs count 0.00010 0.00000 0.00005 0.00015 0.00020 pop_density

Distribution of Pop Density Top 25 MI (all incl outliers)

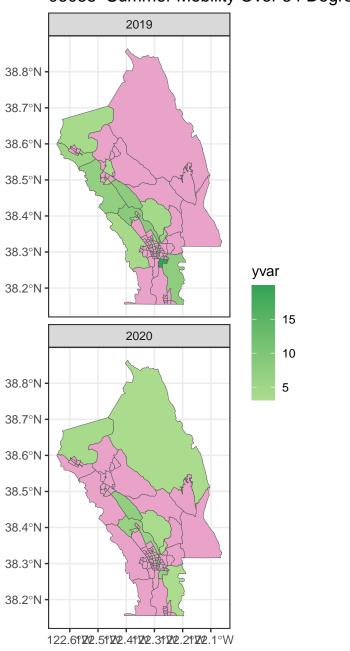


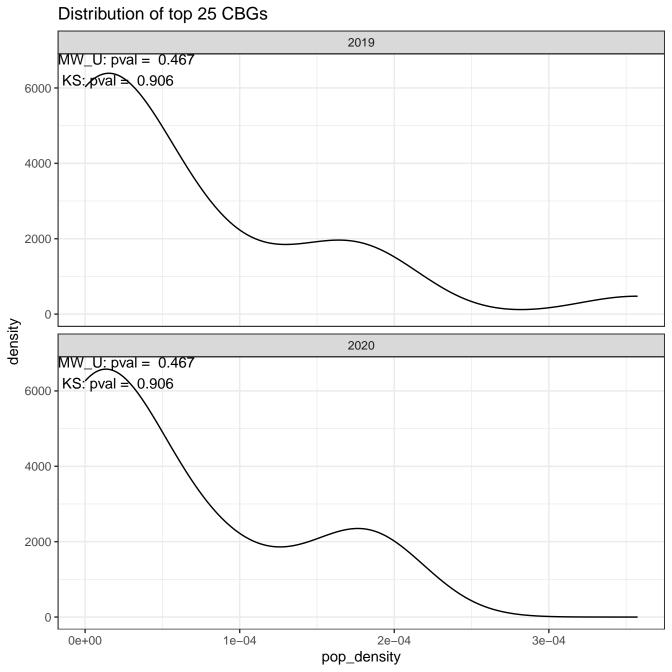
Distribution of Pop Density Top 25 MI (no outliers) 06041 $_{0.00025}$ -MW_U: pval = 0.479 KS: pval = 0.2810.00020 -0.00015 year 2020.00 pop_density 2019.75 2019.50 2019.25 0.00010 -2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0 year

06055 Summer Mobility Over 34 Degrees

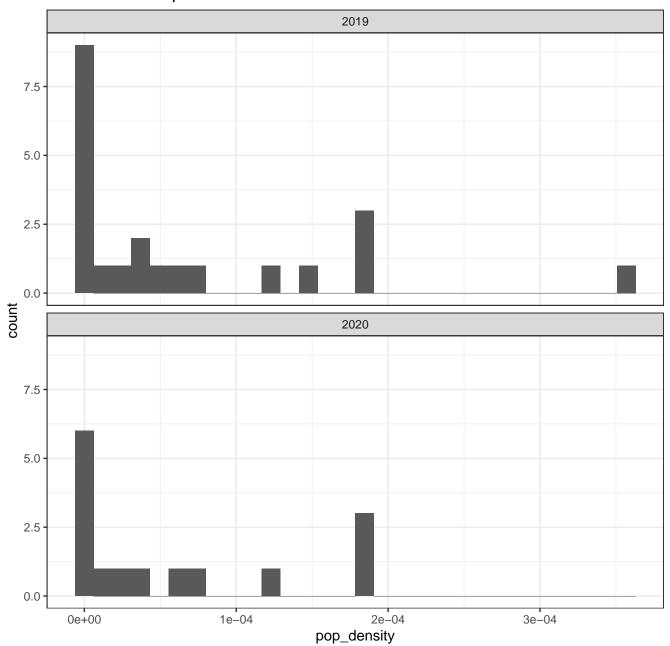


06055 Summer Mobility Over 34 Degrees & MI > 3

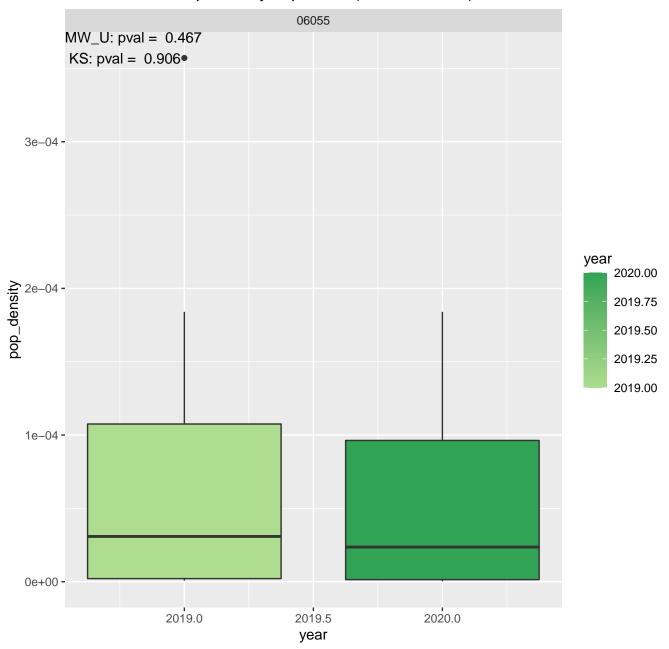




Distribution of top 25 CBGs

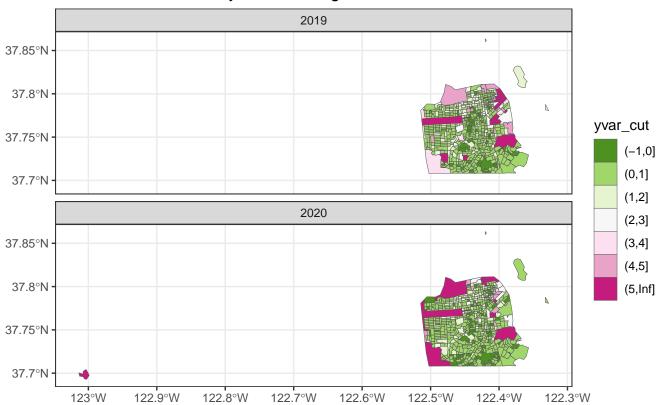


Distribution of Pop Density Top 25 MI (all incl outliers)



Distribution of Pop Density Top 25 MI (no outliers) 06055 $0.00020 - MW_U: pval = 0.467$ KS: pval = 0.9060.00015 year 2020.00 pop_density 0.00010 -2019.75 2019.50 2019.25 2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0 year

06075 Summer Mobility Over 34 Degrees



06075 Summer Mobility Over 34 Degrees & MI > 3



Distribution of top 25 CBGs 2019 MW_U: pval = 0.614 KS: pval = 0.994 1500 1000 -500 0 density 2020 MW_U : pval = 0.614 KS:/pval = 0.9941500 1000 -500 0 0.002 0.000 0.001 0.003 0.004 pop_density

Distribution of top 25 CBGs 2019 10.0 -7.5 -5.0 -2.5 -0.0 count 2020 10.0 -7.5 -5.0 -2.5 -

0.002

pop_density

0.003

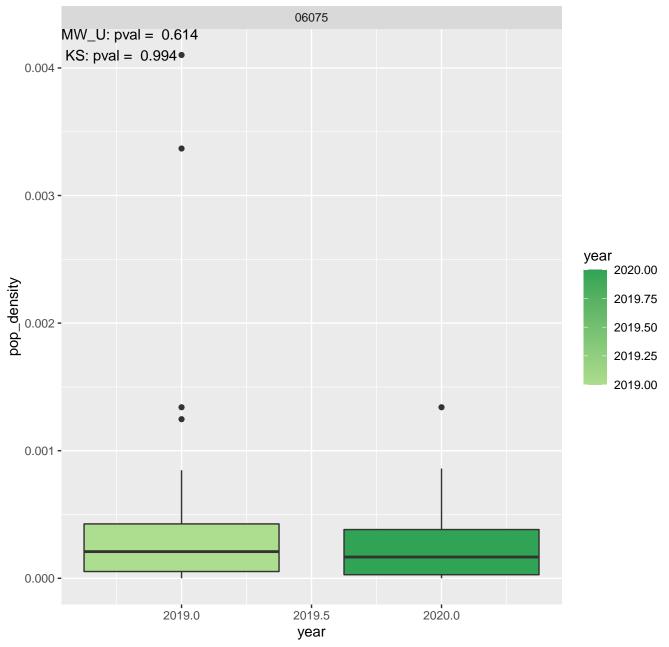
0.004

0.001

0.0

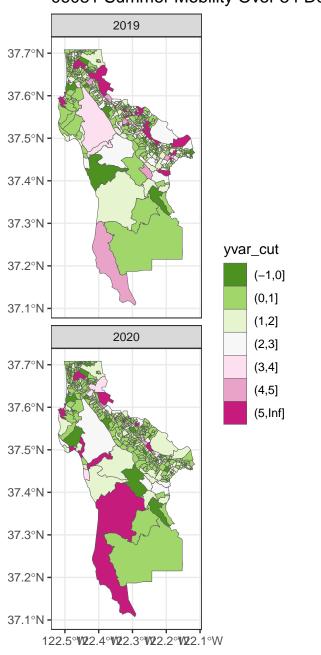
0.000

Distribution of Pop Density Top 25 MI (all incl outliers)

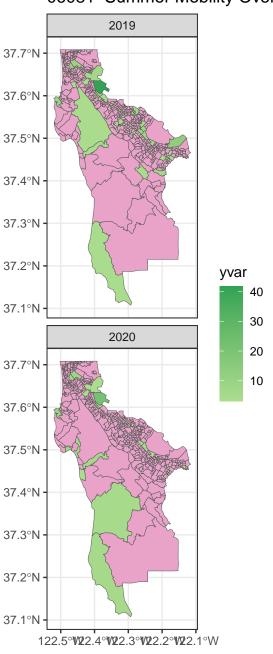


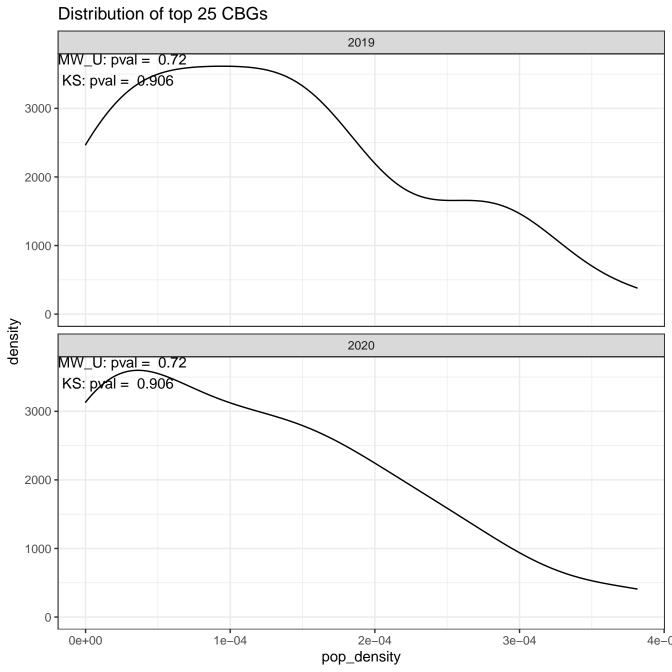
Distribution of Pop Density Top 25 MI (no outliers) 06075 $MW_U: pval = 0.614$ KS: pval = 0.9940.00075 year 2020.00 pop_density 2019.75 2019.50 2019.25 2019.00 0.00025 -0.00000 -2019.0 2019.5 2020.0 year

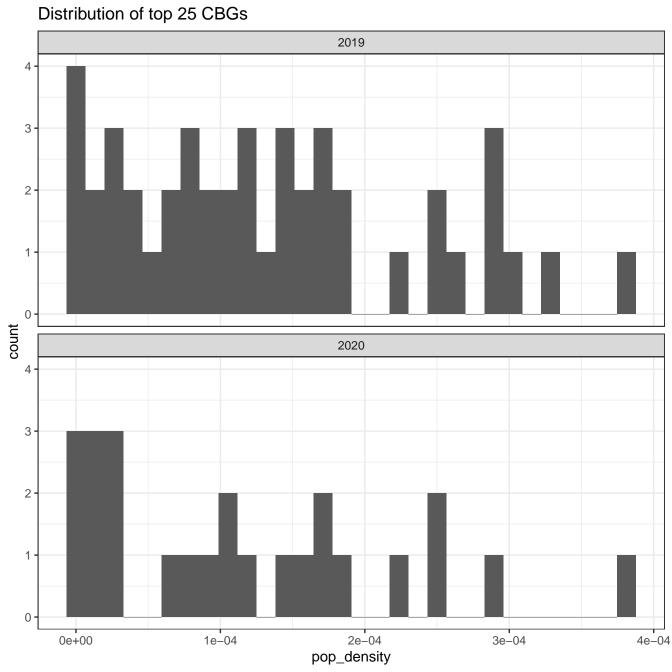
06081 Summer Mobility Over 34 Degrees



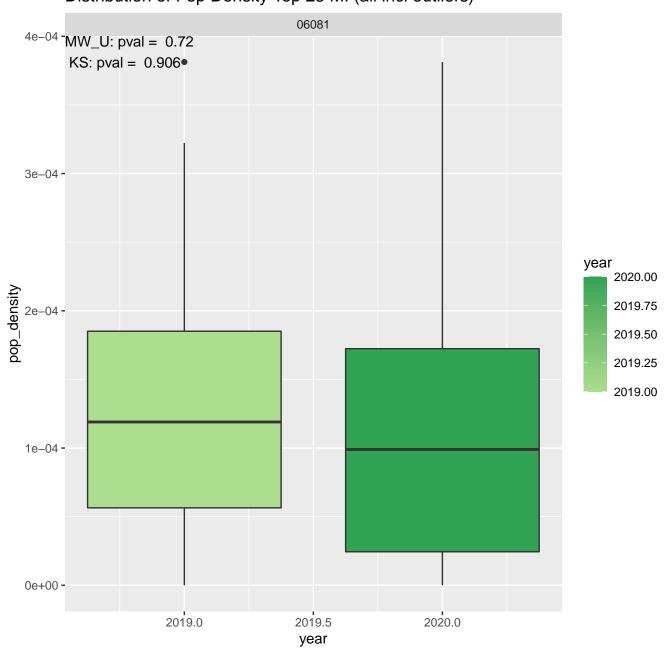
06081 Summer Mobility Over 34 Degrees & MI > 3



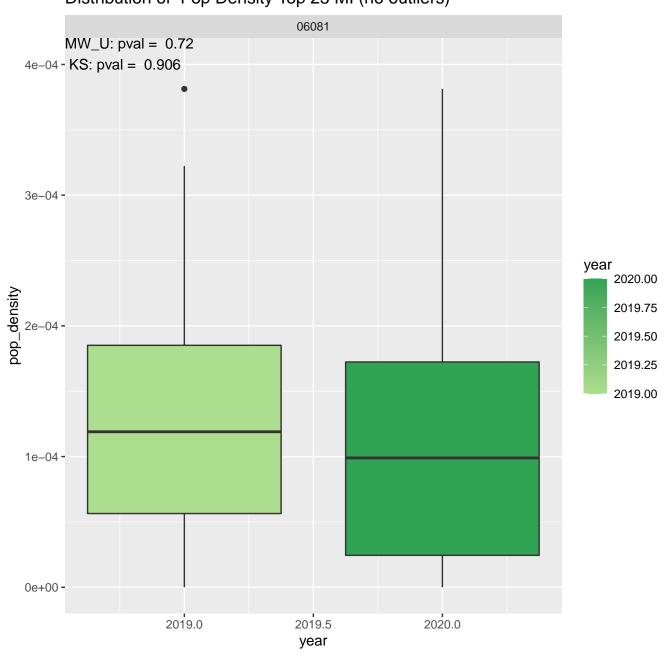




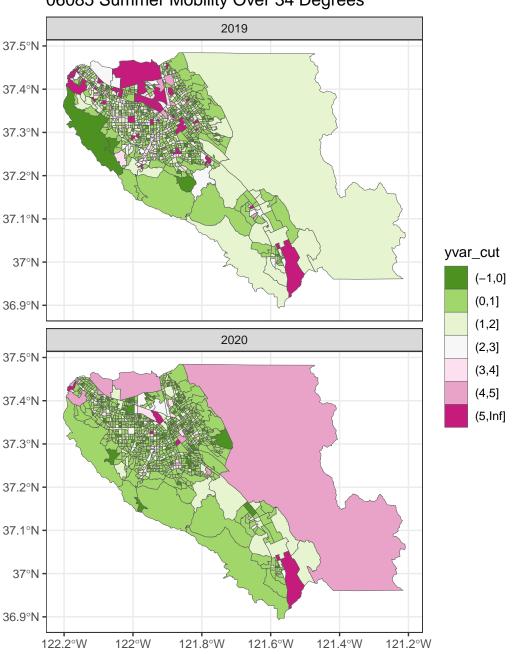
Distribution of Pop Density Top 25 MI (all incl outliers)



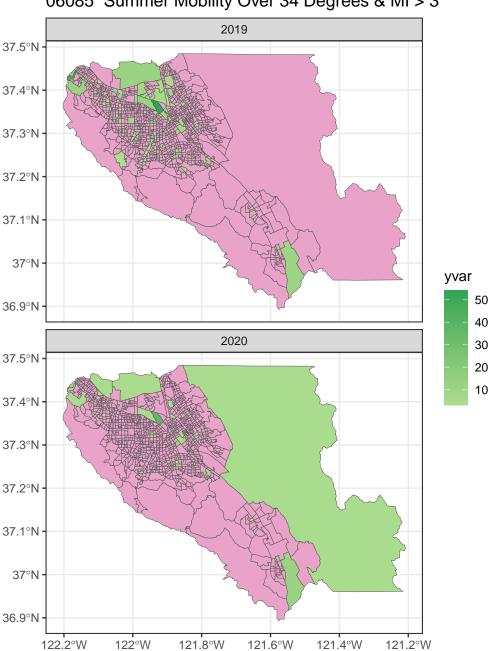
Distribution of Pop Density Top 25 MI (no outliers)



06085 Summer Mobility Over 34 Degrees



06085 Summer Mobility Over 34 Degrees & MI > 3

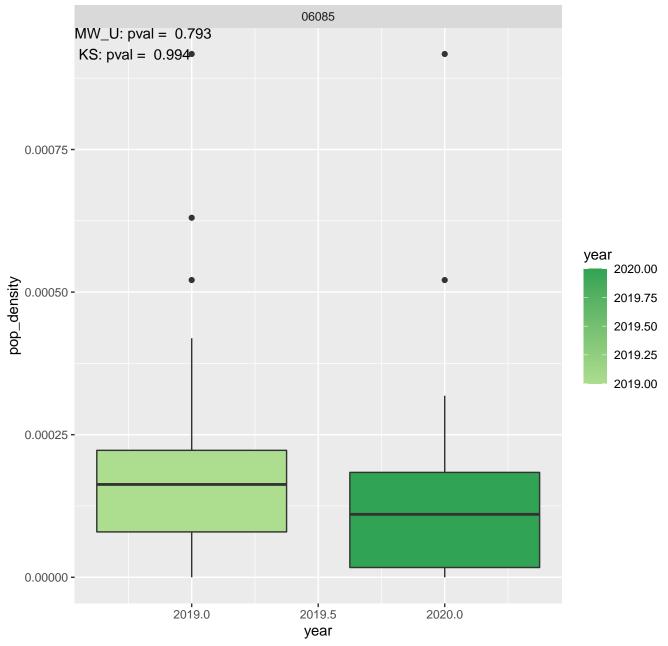


Distribution of top 25 CBGs 2019 MW_U : pval = 0.793 KS: pval = 0.9943000 -2000 1000 -0 density 2020 $MW_U: pval = 0.793$ KS: pval = 0.9943000 -2000 -1000 -0 0.00050 0.00000 0.00025 0.00075 pop_density

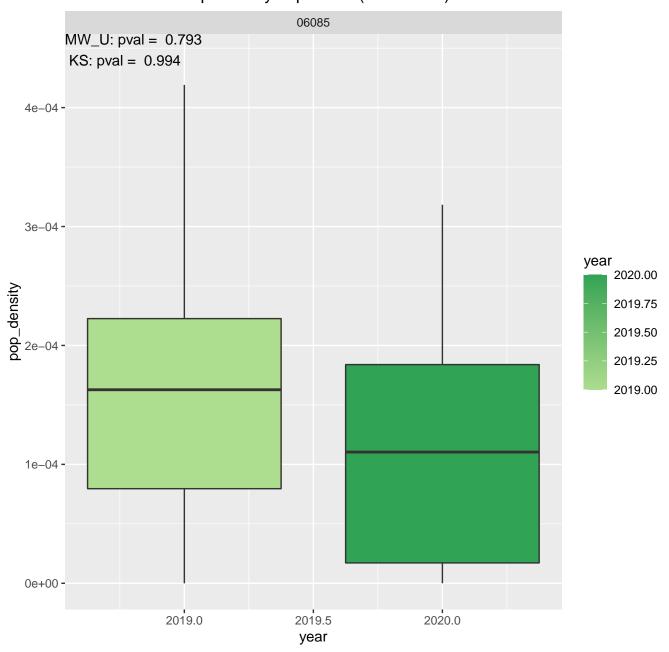
Distribution of top 25 CBGs 2019 10 -5 count 2020 10 -5 -0 0.00000 0.00025 0.00050 0.00075

pop_density

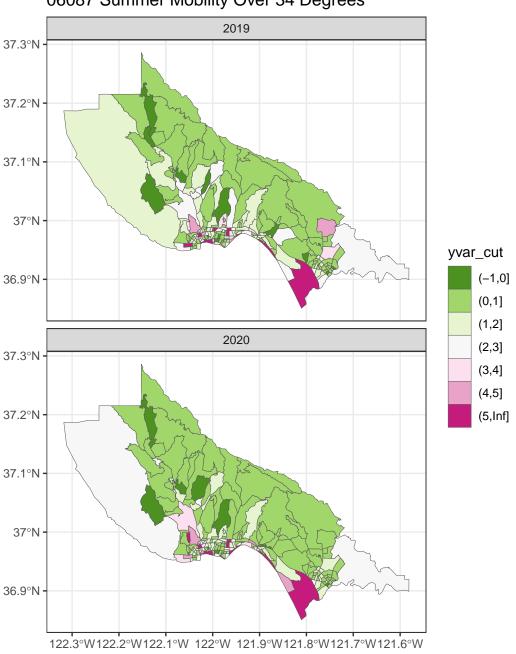
Distribution of Pop Density Top 25 MI (all incl outliers)



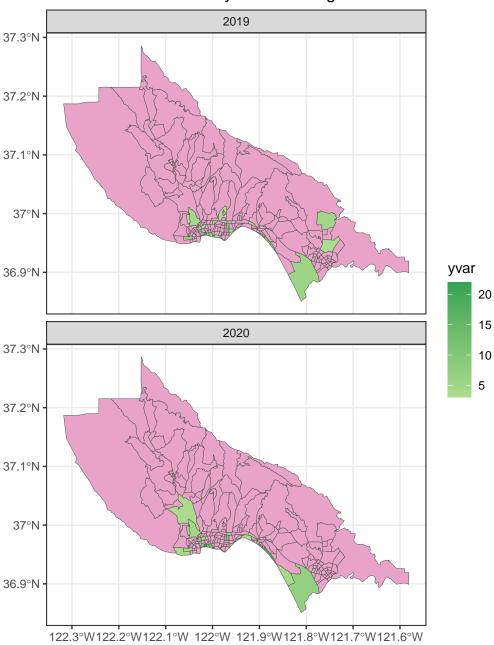
Distribution of Pop Density Top 25 MI (no outliers)

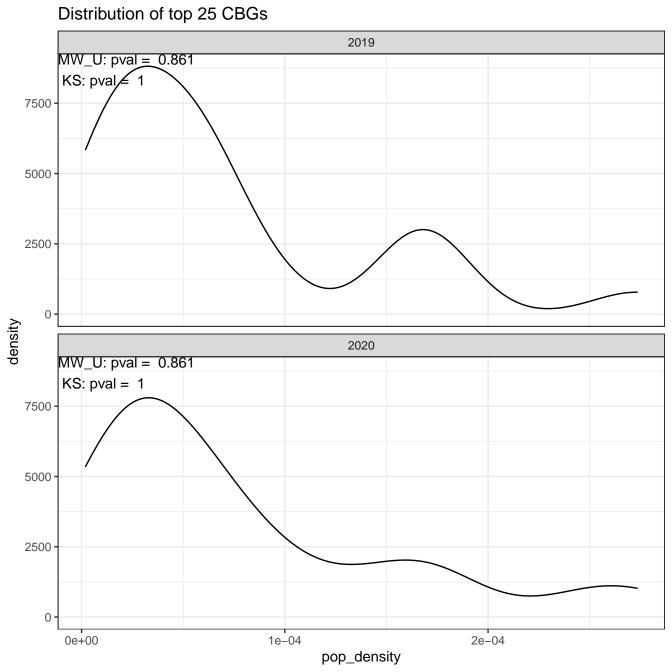


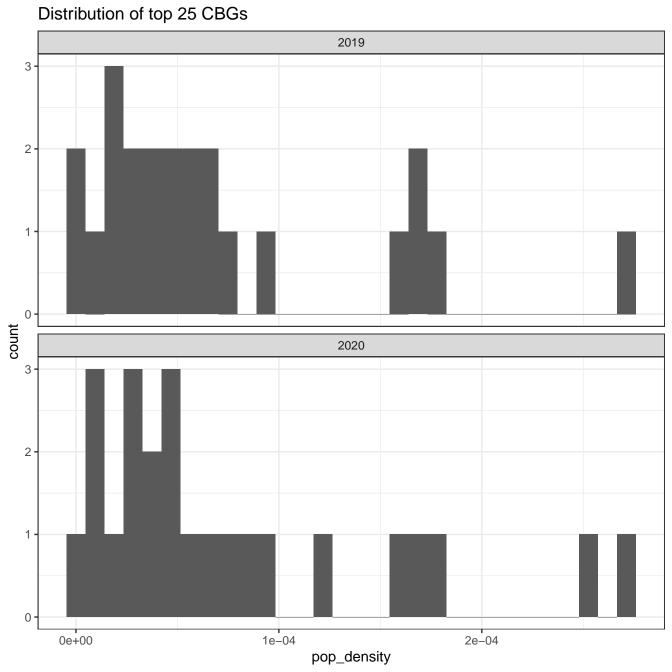
06087 Summer Mobility Over 34 Degrees



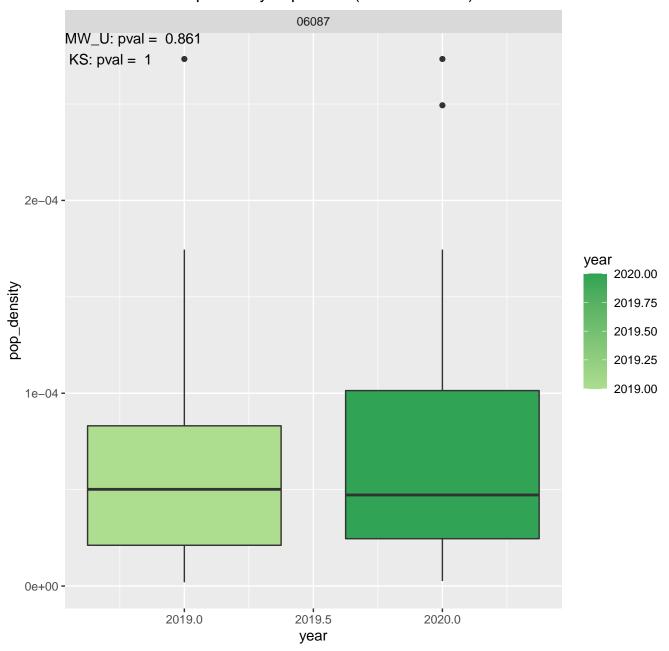
06087 Summer Mobility Over 34 Degrees & MI > 3





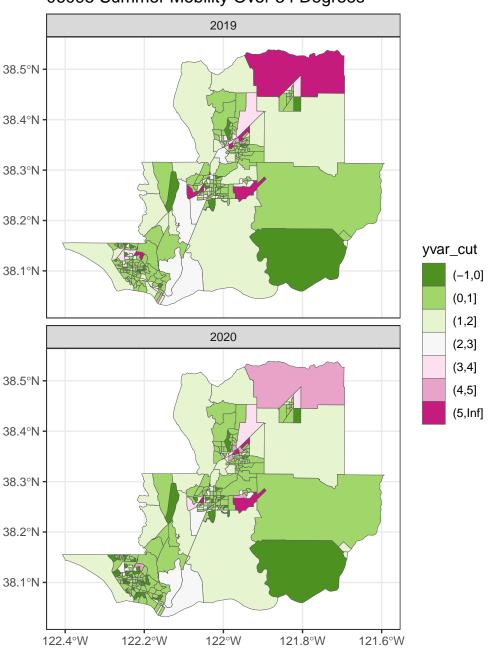


Distribution of Pop Density Top 25 MI (all incl outliers)

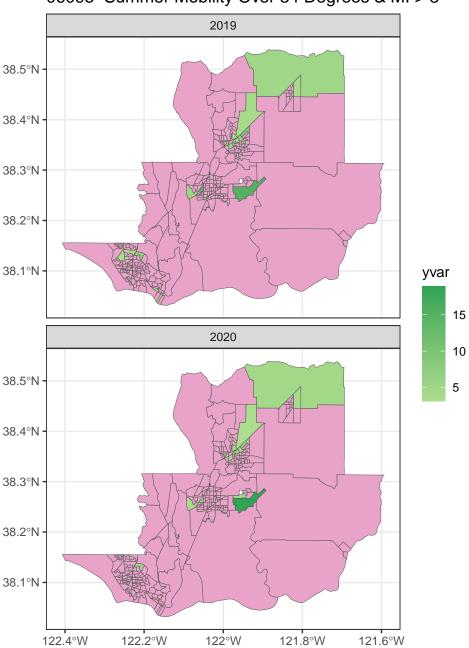


Distribution of Pop Density Top 25 MI (no outliers) 06087 $MW_U: pval = 0.861$ KS: pval = 10.00015 year 2020.00 pop_density 2019.75 2019.50 2019.25 2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0 year

06095 Summer Mobility Over 34 Degrees



06095 Summer Mobility Over 34 Degrees & MI > 3



Distribution of top 25 CBGs 2019 $10000 \text{ MW_U: pval} = 0.388$ KS: pval = 0.9947500 -5000 -2500 -0 density 2020 $10000 - MW_U: pval = 0.388$ KS: pval = 0.9947500 -5000 -2500 0 0.00010 0.00000 0.00005 0.00015 pop_density

Distribution of top 25 CBGs 2019 2.0 1.5 1.0 0.5 0.0 count 2020 2.0 -1.5 1.0 0.5 0.0

0.00010

pop_density

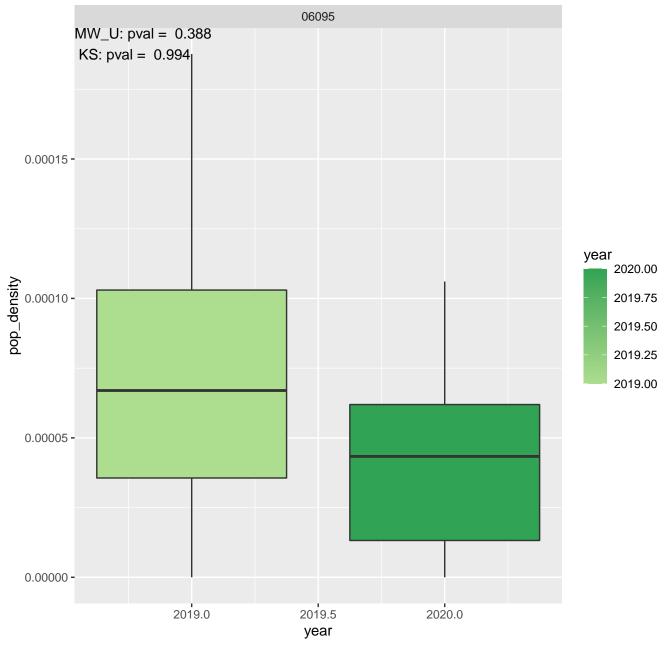
0.00015

0.000

0.00005

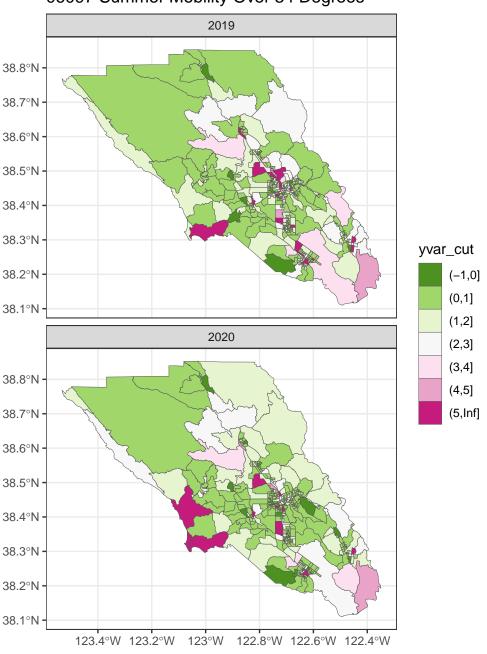
0.00000

Distribution of Pop Density Top 25 MI (all incl outliers)

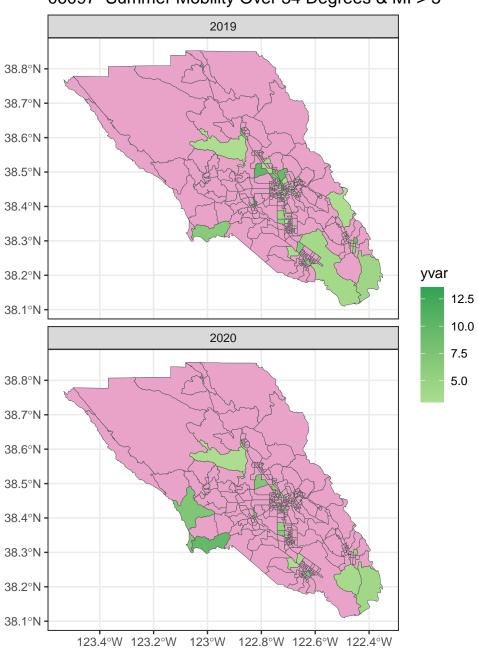


Distribution of Pop Density Top 25 MI (no outliers) 06095 $MW_U: pval = 0.388$ 0.00020 KS: pval = 0.994 0.00015 year 2020.00 pop_density -2019.75 2019.50 2019.25 2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0 year

06097 Summer Mobility Over 34 Degrees



06097 Summer Mobility Over 34 Degrees & MI > 3



Distribution of top 25 CBGs 2019 MW_U : pval = 0.421 KS: pval = 0.9067500 -5000 2500 0 density 2020 $MW_U: pval = 0.421$ KS: pval = 0.906 7500 5000 2500

0.00010

pop_density

0.00015

0.00020

0.00000

0.00005

Distribution of top 25 CBGs count 0.00000 0.00005 0.00010 0.00015 0.00020 pop_density

Distribution of Pop Density Top 25 MI (all incl outliers) 06097 $MW_U: pval = 0.421$ KS: pval = 0.9060.00020 -0.00015 year 2020.00 bob_density 0.00010 -2019.75 2019.50 2019.25 2019.00 0.00005 -0.00000 -

2019.5

year

2020.0

2019.0

Distribution of Pop Density Top 25 MI (no outliers) 06097 0.00025 -MW_U: pval = 0.421KS: pval = 0.9060.00020 -0.00015 year 2020.00 pop_density 2019.75 2019.50 2019.25 0.00010 -2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0 year