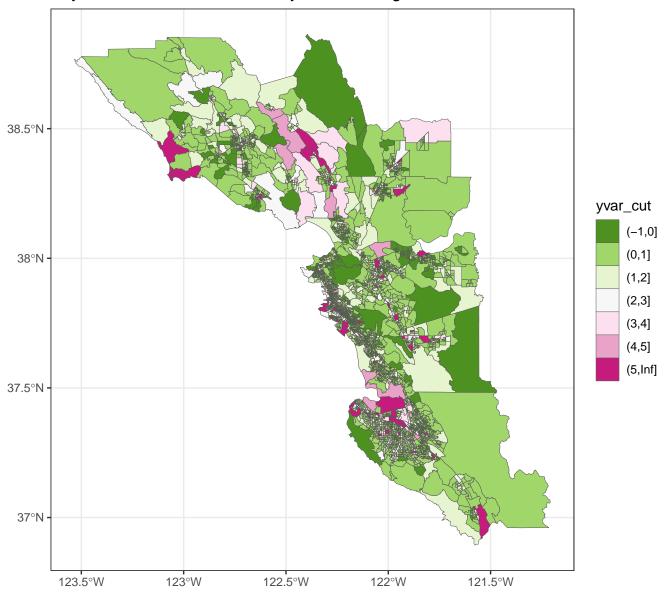
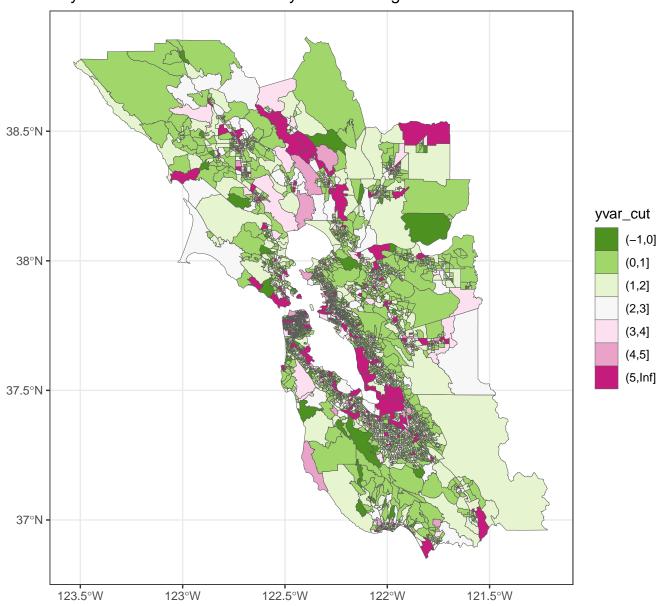
##---- Tue Aug 17 14:46:32 2021 ----##

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 KS: pval = 0.6997500 -5000 2500 0 density 2020 MW_U: pval = 0.414 KS:/pval = 0.699 7500 -5000 2500 -0 0.00050 0.00000 0.00025 0.00075 pop_density

Distribution of Top 100 MI 2019 40 -30 -20 -10 -0 count 2020 40 -30 -20 -10 -0 0.00000 0.00025 0.00050 0.00075 pop_density

Distribution of Pop Density of Top 100 MI (split by County) 06041 06001 06013 06055 0.00015 -0.00020 0.00015 4e-04 - $0.00015 \cdot$ 0.00010 -0.00010 -0.00010 2e-04 -0.00005 -0.00005 -0.00005 0e+00 0.00000 0.00000 0.00000 06001 06013 06041 06055 06075 06081 06085 06087 4e-04 5e-04 year 4e-04 2020.00 0.00075 -3e-04 · dod 3e-04-2e-04 -2019.75 0.00050 2e-04 2019.50 1e-04 -0.00025 -1e-04 2019.25 1e-04 · 2019.00 0e+00 0e+00 0.00000 0e+00 06075 06081 06087 06085 06095 06097 6e-05 -0.00020 4e-05 · 0.00015 0.00010 -2e-05 -0.00005 -0e+00 0.00000 -

fips

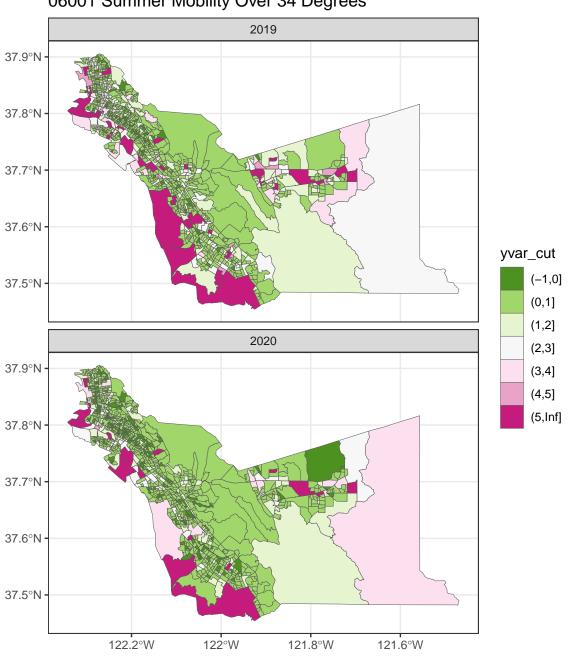
06097

06095

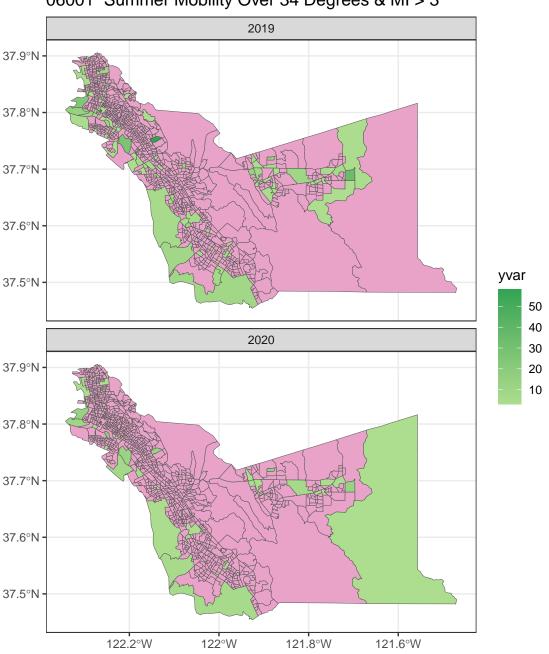
Distribution of Pop Density of Top 100 MI (all incl outliers) MW_U : pval = 0.414 KS: pval = 0.6990.00075 year 2020.00 pop_density 2019.75 2019.50 2019.25 2019.00 0.00025 0.00000 06001 06013 06041 06055 06075 06081 06085 06087 06095 06097 fips

Distribution of Pop Density of Top 100 MI (no outliers) MW_U : pval = 0.414 KS: pval = 0.6992e-04 · year 2020.00 pop_density 2019.75 2019.50 2019.25 1e-04 2019.00 0e+00 06081 06001 06013 06041 06055 06075 06085 06087 06095 06097 fips

06001 Summer Mobility Over 34 Degrees



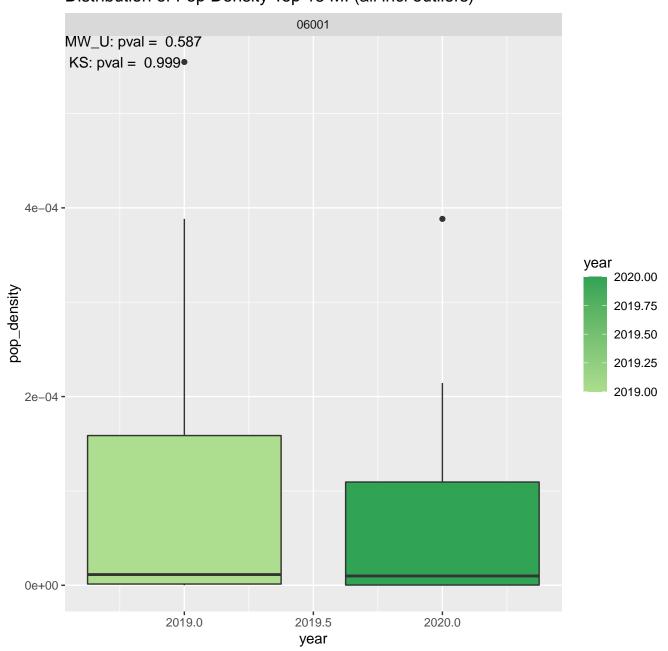
06001 Summer Mobility Over 34 Degrees & MI > 3



Distribution of top 15 CBGs 2019 6000 -MW_U: pval = 0.587 KS: pval = 0.9994000 -2000 0 ego 6000 -MW_U: pval = 0.587 1 − 0.999 2020 KS: pval = 0.9994000 2000 0e+00 2e-04 4e-04 pop_density

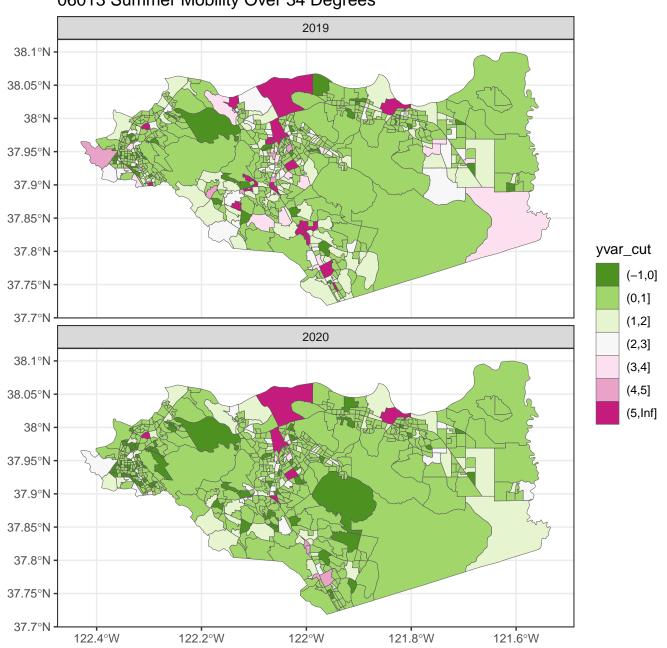
Distribution of top 15 CBGs 2019 6 4 2 -0 count 2020 6 -4 -2 -0 2e-04 0e+00 4e-04 pop_density

Distribution of Pop Density Top 15 MI (all incl outliers)

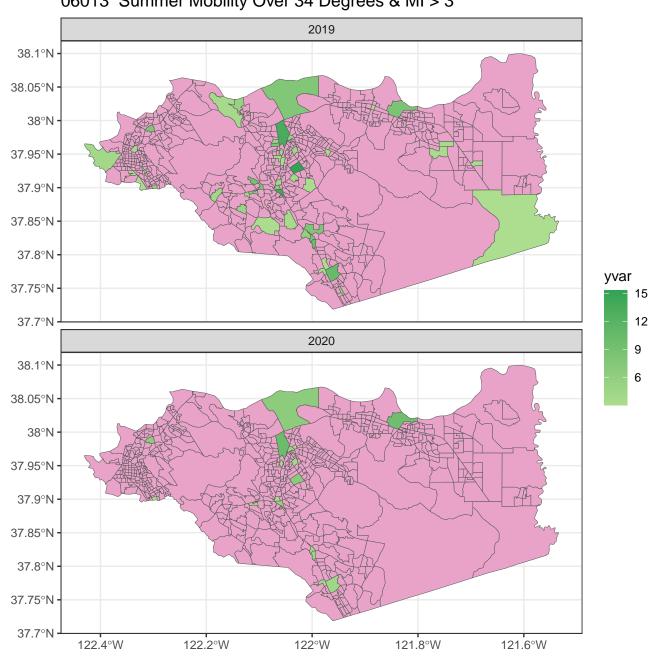


Distribution of Pop Density Top 15 MI (no outliers) 06001 $MW_U: pval = 0.$87$ KS: pval = 0.9990.00020 -0.00015 year 2020.00 pop_density 2019.75 2019.50 0.00010 -2019.25 2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0 year

06013 Summer Mobility Over 34 Degrees

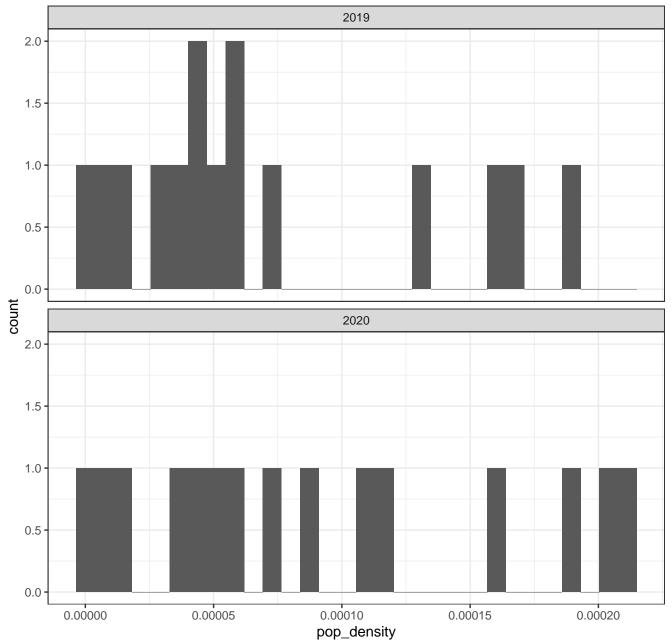


06013 Summer Mobility Over 34 Degrees & MI > 3

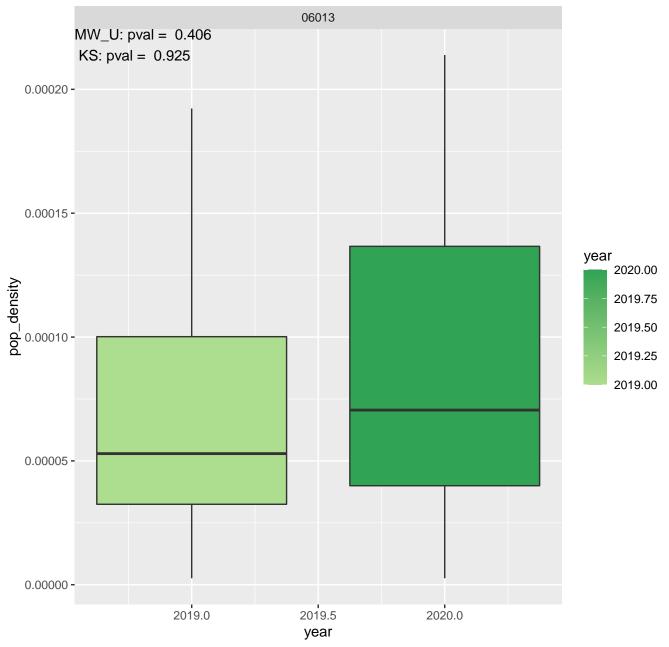


Distribution of top 15 CBGs 2019 $MW_U: pval = 0.406$ 8000 -KS: pval = 0.9256000 4000 2000 0 density 2020 $MW_U: pval = 0.406$ 8000 -KS: pval = 0.9256000 4000 2000 0 0.00010 0.00000 0.00005 0.00015 0.00020 pop_density

Distribution of top 15 CBGs

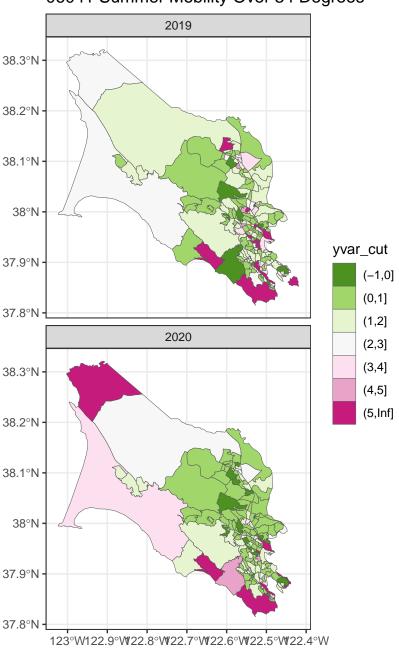


Distribution of Pop Density Top 15 MI (all incl outliers)

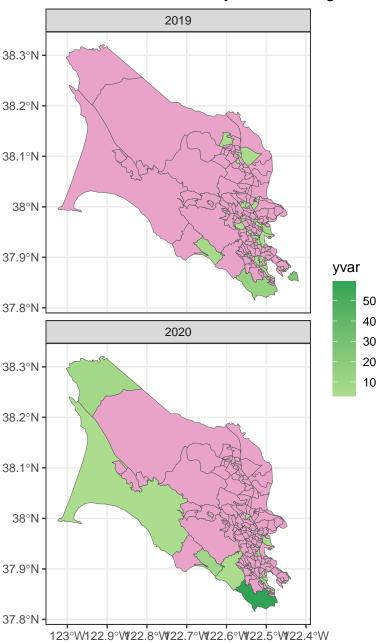


Distribution of Pop Density Top 15 MI (no outliers) 06013 $MW_U: pval = 0.406$ KS: pval = 0.9250.00020 -0.00015 year 2020.00 dod_density 0.00010 -2019.75 2019.50 2019.25 2019.00 0.00005 -0.00000 -2019.0 2020.0 2019.5 year

06041 Summer Mobility Over 34 Degrees



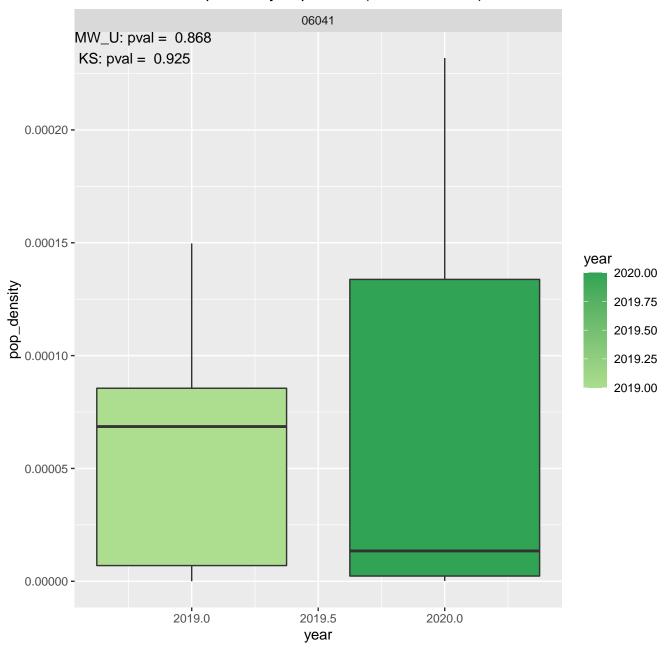
06041 Summer Mobility Over 34 Degrees & MI > 3



Distribution of top 15 CBGs 2019 MW_U : pval = 0.868 KS: pval = 0.9256000 -4000 -2000 -0 density 2020 MW_U : pval = 0.868KS: pval = 0.9256000 -4000 2000 -0 0.00000 0.00005 0.00010 0.00015 0.00020 pop_density

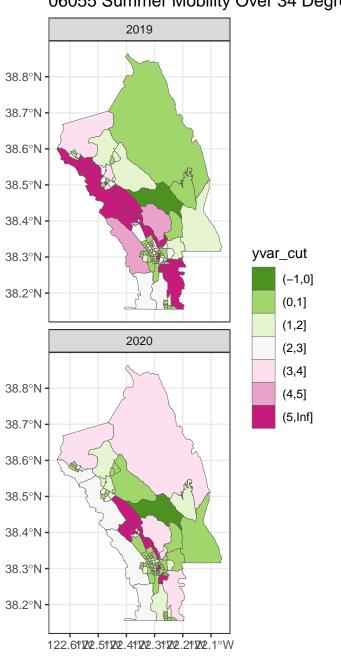
Distribution of top 15 CBGs count 0.00010 0.00000 0.00005 0.00015 0.00020 pop_density

Distribution of Pop Density Top 15 MI (all incl outliers)

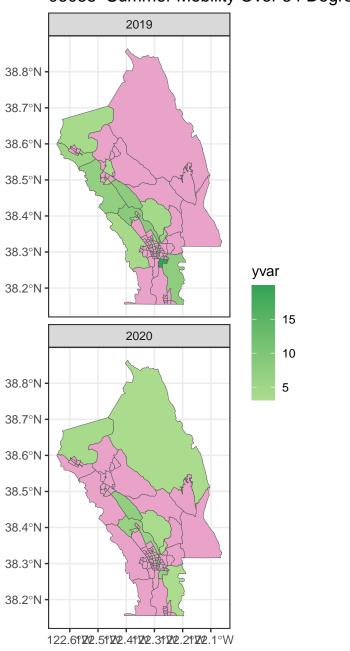


Distribution of Pop Density Top 15 MI (no outliers) 06041 $_{0.00025}$ MW_U: pval = 0.868 KS: pval = 0.9250.00020 -0.00015 year 2020.00 pop_density 2019.75 2019.50 2019.25 0.00010 -2019.00 0.00005 -0.00000 -2019.5 2019.0 2020.0 year

06055 Summer Mobility Over 34 Degrees



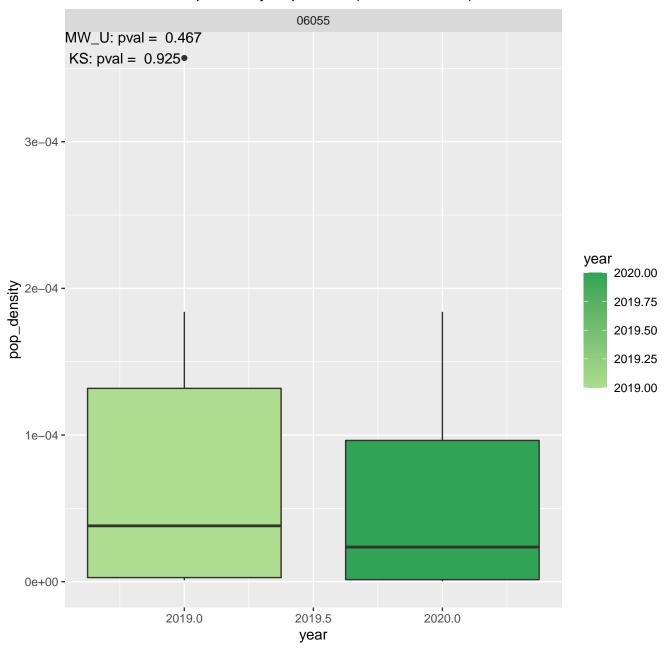
06055 Summer Mobility Over 34 Degrees & MI > 3



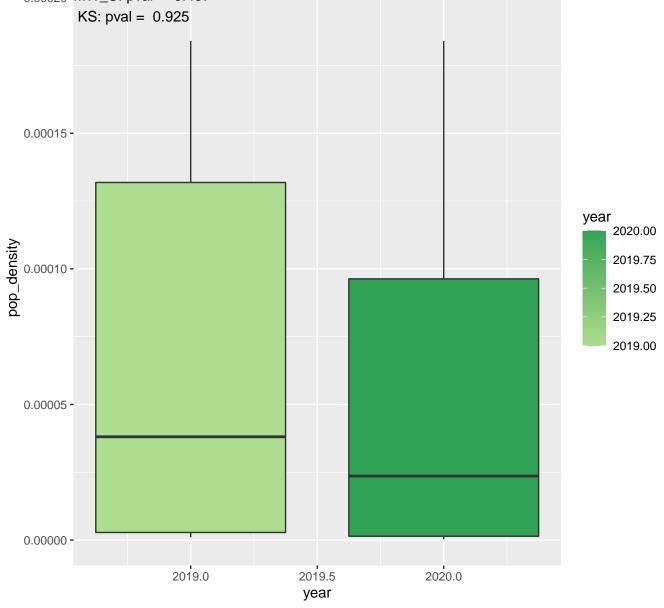
Distribution of top 15 CBGs 2019 MW_U : pval = 0.467 KS: pval = 0.9256000 4000 -2000 0 density 2020 $MW_U: pval = 0.467$ KS: pval = 0.9256000 4000 -2000 -0 2e-04 0e+00 1e-04 3e-04 pop_density

Distribution of top 15 CBGs 2019 6 4 2 0 count 2020 6 -4 2 -0 1e-04 0e+00 2e-04 3e-04 pop_density

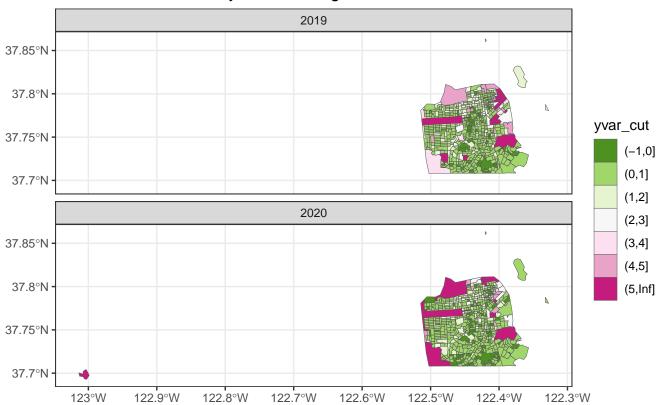
Distribution of Pop Density Top 15 MI (all incl outliers)



Distribution of Pop Density Top 15 MI (no outliers) 06055 $0.00020 - MW_U: pval = 0.467$ KS: pval = 0.9250.00015 year 2020.00 pop_density 0.00010 -2019.75 2019.50 2019.25 2019.00 0.00005 -



06075 Summer Mobility Over 34 Degrees

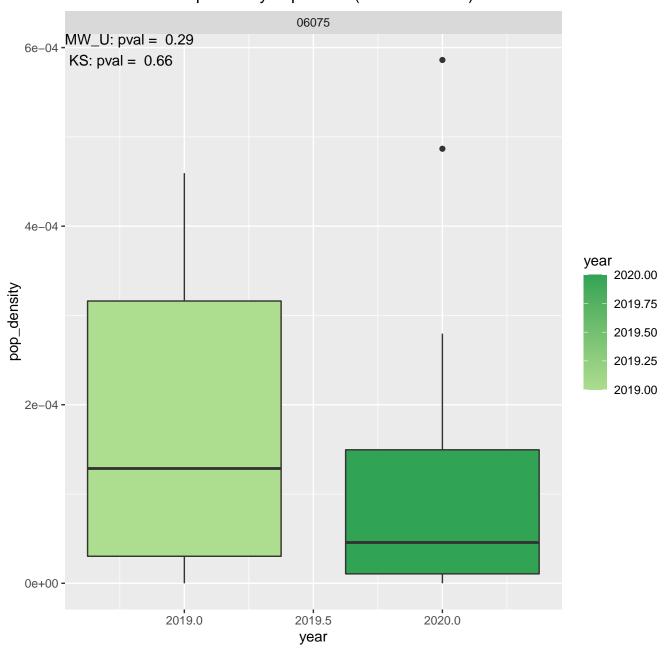


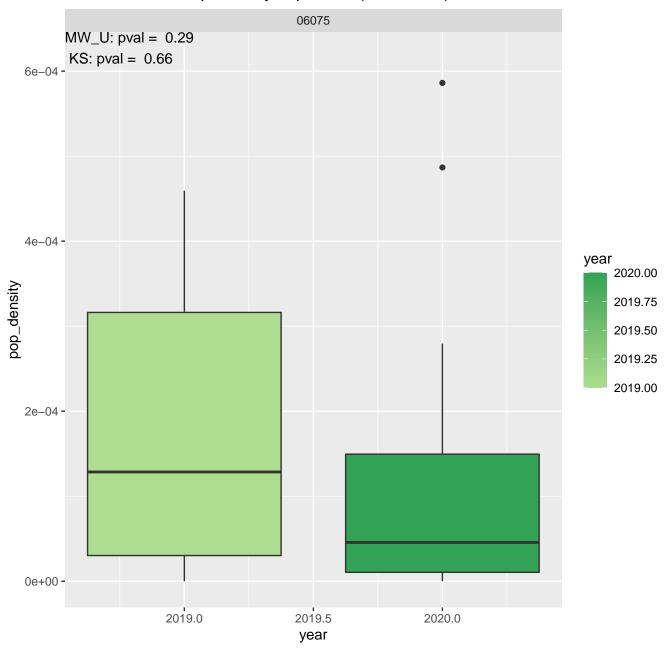
06075 Summer Mobility Over 34 Degrees & MI > 3



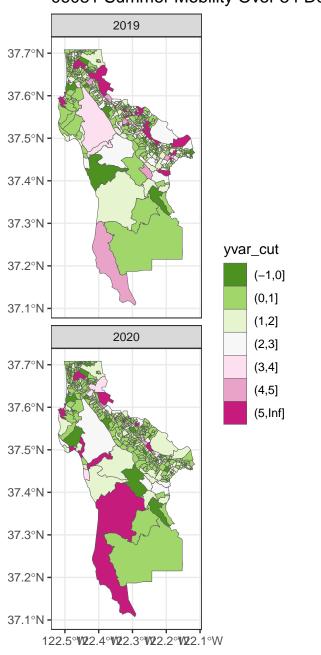
Distribution of top 15 CBGs 2019 MW_U : pval = 0.29 KS: pval = 0.664000 3000 2000 1000 0 density 2020 $MW_U:pval = 0.29$ KS: pval = 0.664000 3000 -2000 -1000 0 0e+00 2e-04 4e-04 6e-04 pop_density

Distribution of top 15 CBGs 2019 4 3 2 · 1 0 count 2020 4 -3. 2. 0 0e+00 2e-04 4e-04 6e-04 pop_density

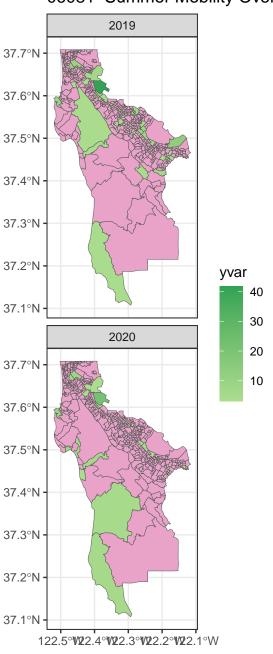




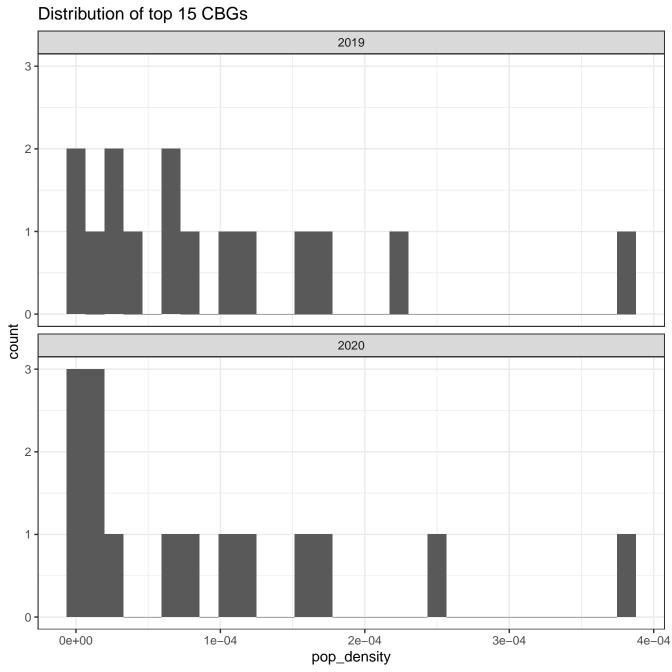
06081 Summer Mobility Over 34 Degrees

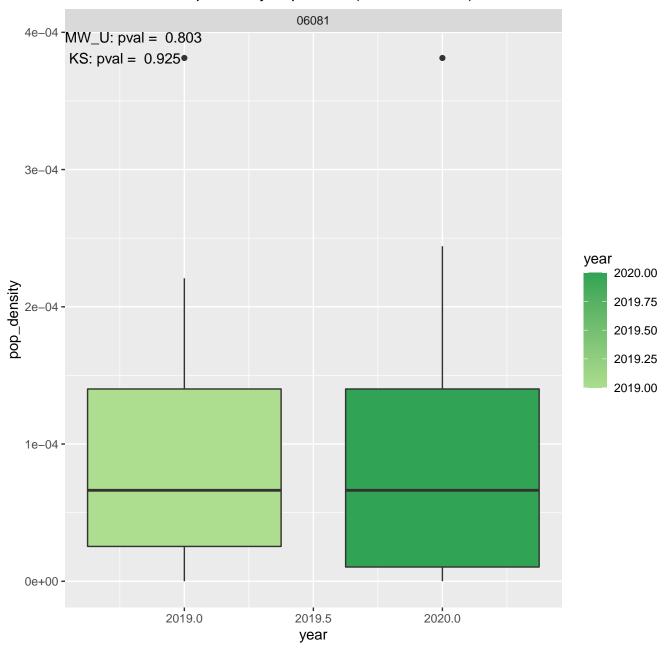


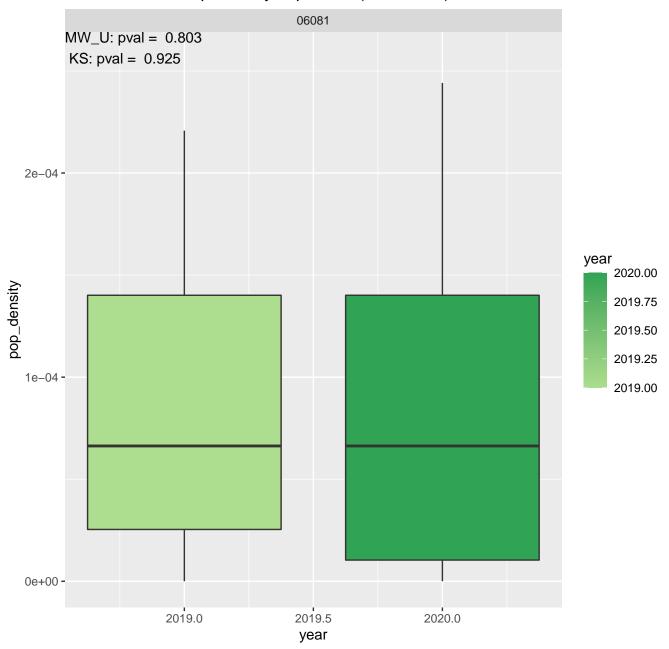
06081 Summer Mobility Over 34 Degrees & MI > 3



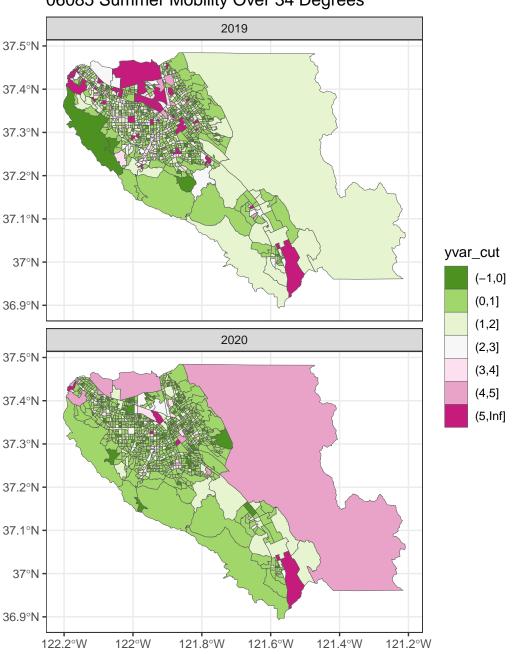
Distribution of top 15 CBGs 2019 $5000 - MW_U: pval = 0.803$ KS: pval = 0.9254000 -3000 -2000 1000 0 density 2020 5000 -MW_U: pval = 0.803 KS: pval = 0.9254000 -3000 2000 1000 0 0e+00 1e-04 2e-04 3e-04 4e-0 pop_density



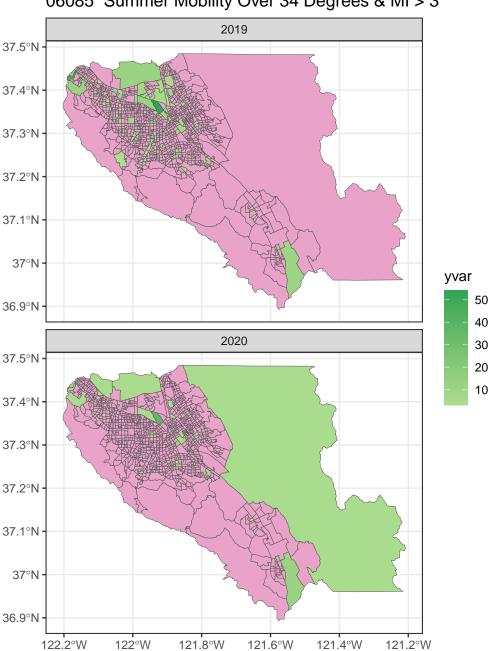




06085 Summer Mobility Over 34 Degrees

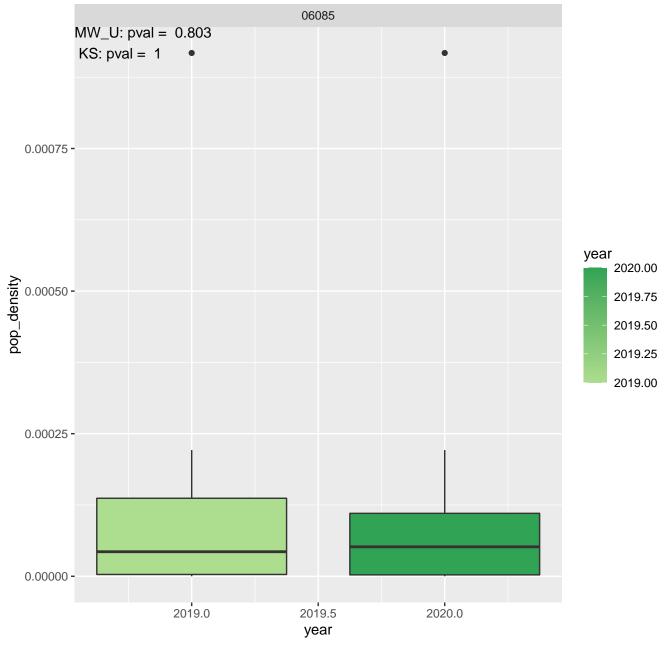


06085 Summer Mobility Over 34 Degrees & MI > 3



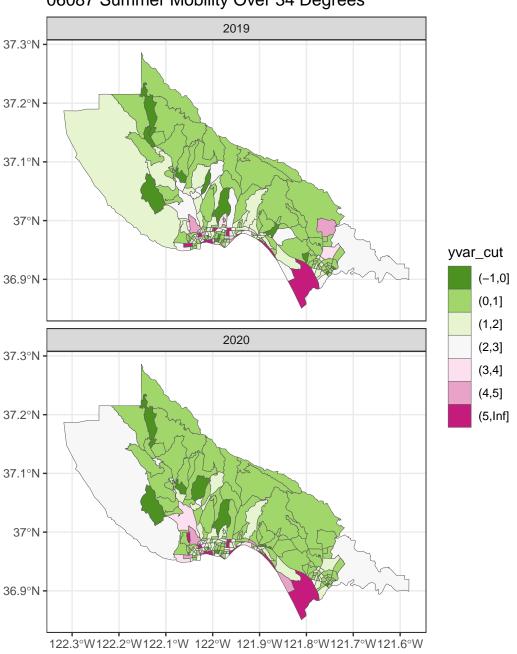
Distribution of top 15 CBGs 2019 ₅₀₀₀ -MW_U: pval = 0.803 KS: pval = 14000 3000 -2000 1000 0 density 2020 5000 -MW_ <u>U</u>: pval = 0.803KS: pval = 14000 -3000 -2000 1000 0 0.00025 0.00050 0.00000 0.00075 pop_density

Distribution of top 15 CBGs 2019 6 4 2 0 count 2020 6 -4 2 -0 0.00000 0.00025 0.00050 0.00075 pop_density

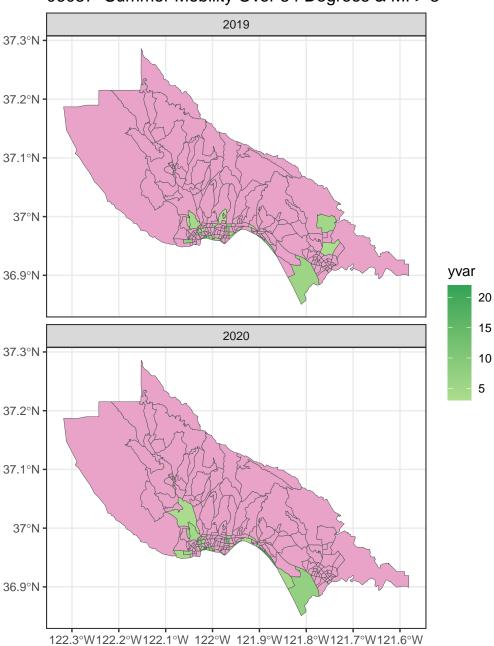


Distribution of Pop Density Top 15 MI (no outliers) 06085 $MW_U: pval = 0.803$ KS: pval = 10.00020 -0.00015 year 2020.00 pop_density 2019.75 2019.50 2019.25 2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0 year

06087 Summer Mobility Over 34 Degrees

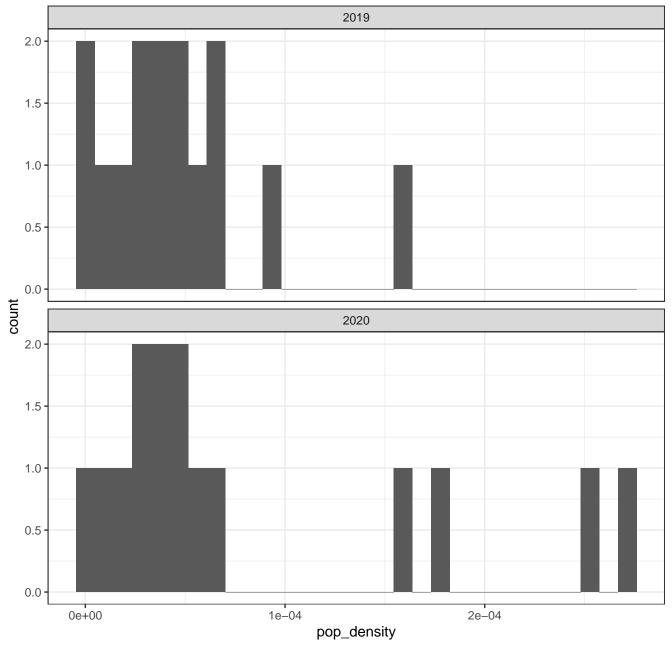


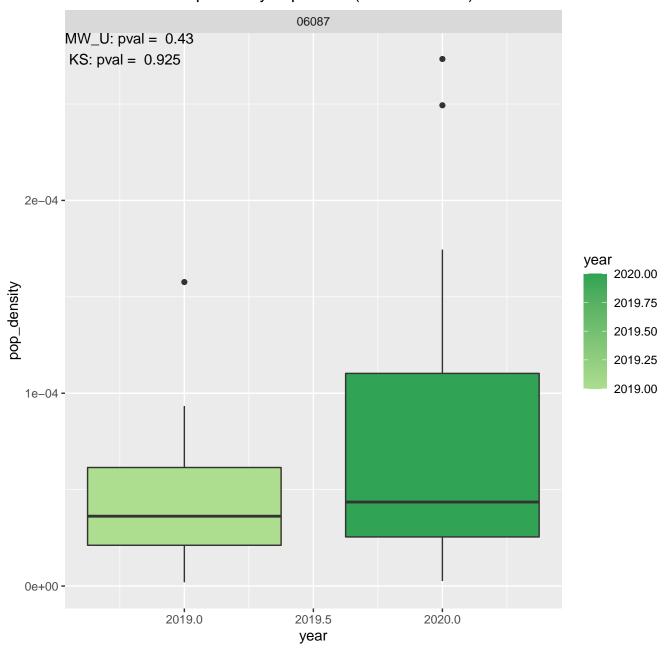
06087 Summer Mobility Over 34 Degrees & MI > 3



Distribution of top 15 CBGs 2019 $MW_U: pval = 0.43$ KS: pval € 0.925 10000 -7500 5000 -2500 -0 density 2020 MW_U : pval = 0.43 KS: pval = 0.92510000 -7500 -5000 -2500 -0 -0e+00 1e-04 2e-04 pop_density

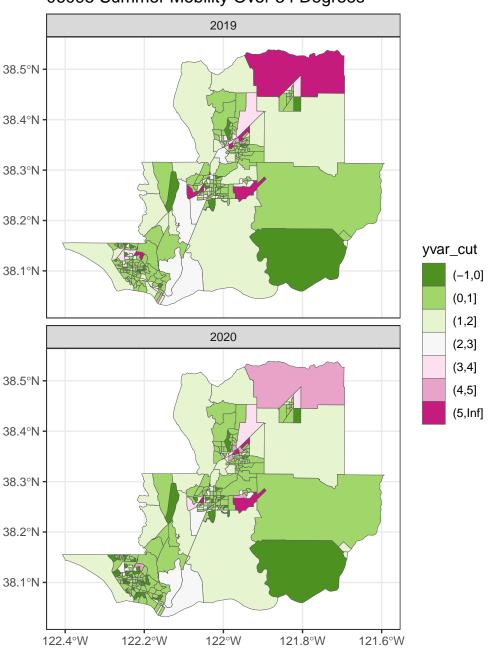
Distribution of top 15 CBGs



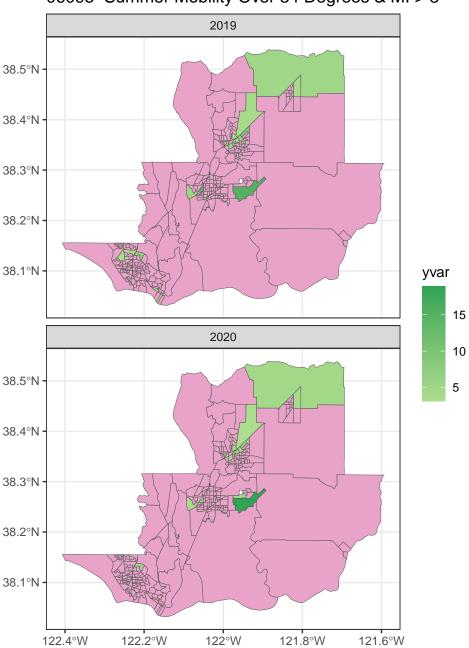


Distribution of Pop Density Top 15 MI (no outliers) 06087 1.0e-04 - MW_U: pval = 0.43 KS: pval = 0.9257.5e-05 year 2020.00 pop_density_ 2019.75 2019.50 2019.25 2019.00 2.5e-05 -0.0e+00 -2019.0 2019.5 2020.0 year

06095 Summer Mobility Over 34 Degrees



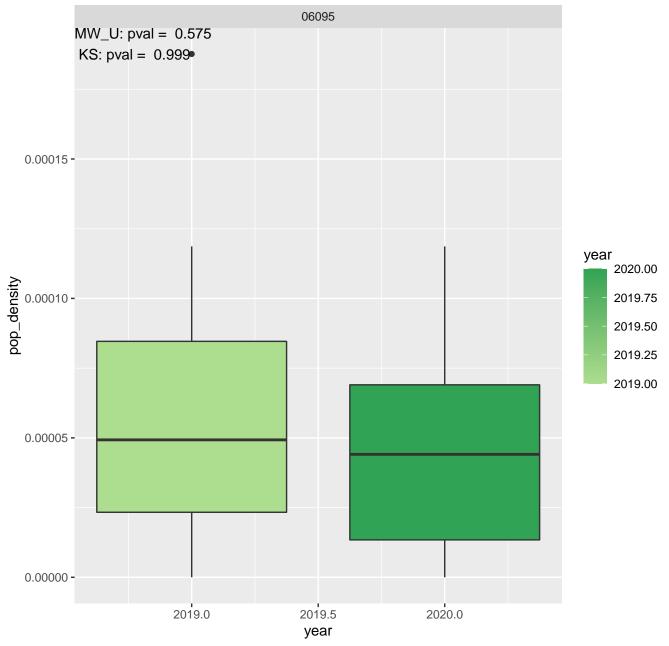
06095 Summer Mobility Over 34 Degrees & MI > 3



Distribution of top 15 CBGs 2019 MW_U : pval = 0.575 KS: pval = 0.9997500 -5000 2500 0 density 2020 MW_U : pval = 0.575KS: pval = 0.999 7500 -5000 2500 0 0.00010 0.00015 0.00000 0.00005 pop_density

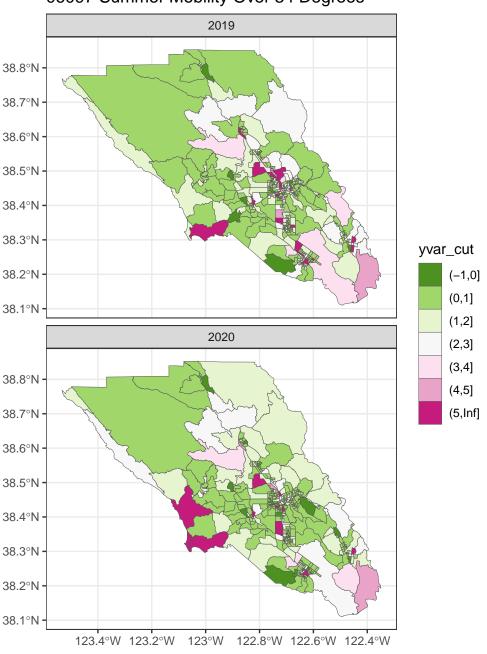
Distribution of top 15 CBGs 2019 2.0 1.5 1.0 0.5 0.0 count 2020 2.0 -1.5 1.0 0.5 0.0 0.00005 0.00010 0.00000 0.00015 0.000

pop_density

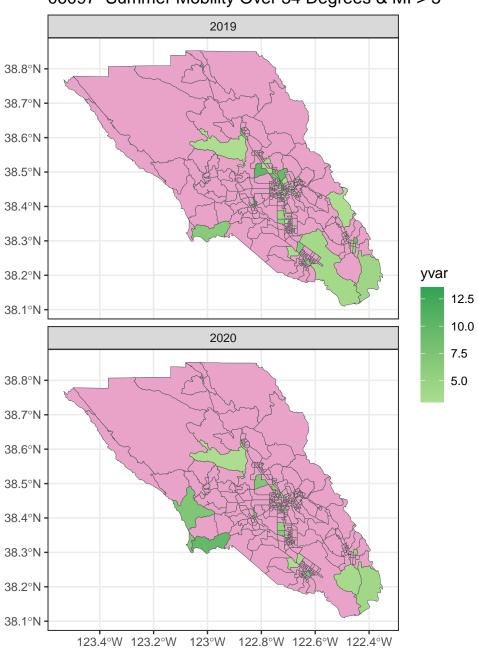


Distribution of Pop Density Top 15 MI (no outliers) 06095 $MW_U: pval = 0.575$ KS: pval = 0.9990.00012 -0.00008 year 2020.00 pop_density 2019.75 2019.50 2019.25 2019.00 0.00004 -0.00000 -2019.0 2019.5 2020.0 year

06097 Summer Mobility Over 34 Degrees

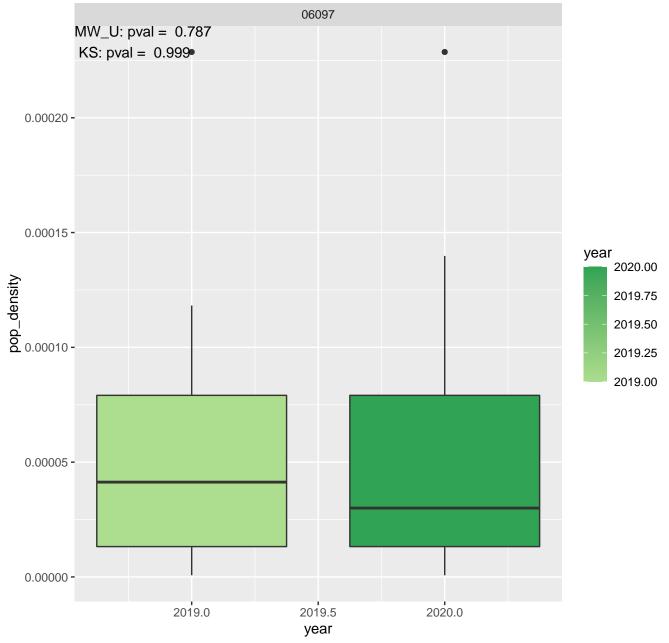


06097 Summer Mobility Over 34 Degrees & MI > 3



Distribution of top 15 CBGs 2019 MW_U : pval = 0.787 KS: pval = 0.9997500 -5000 -2500 0 density 2020 $MW_U: pval = 0.787$ KS: $p_{\text{val}} = 0.999$ 7500 -5000 2500 0 0.00000 0.00005 0.00010 0.00015 0.00020 pop_density

Distribution of top 15 CBGs 2019 3 -2 1 0 count 2020 3 -2 -0 0.00000 0.00005 0.00010 0.00020 0.00015 pop_density



Distribution of Pop Density Top 15 MI (no outliers) 06097 0.00015 - MW_U: pval = 0.787 KS: pval = 0.999 0.00010 year 2020.00 pop_density 2019.75 2019.50 2019.25 2019.00 0.00005 -0.00000 -2019.0 2019.5 2020.0 year