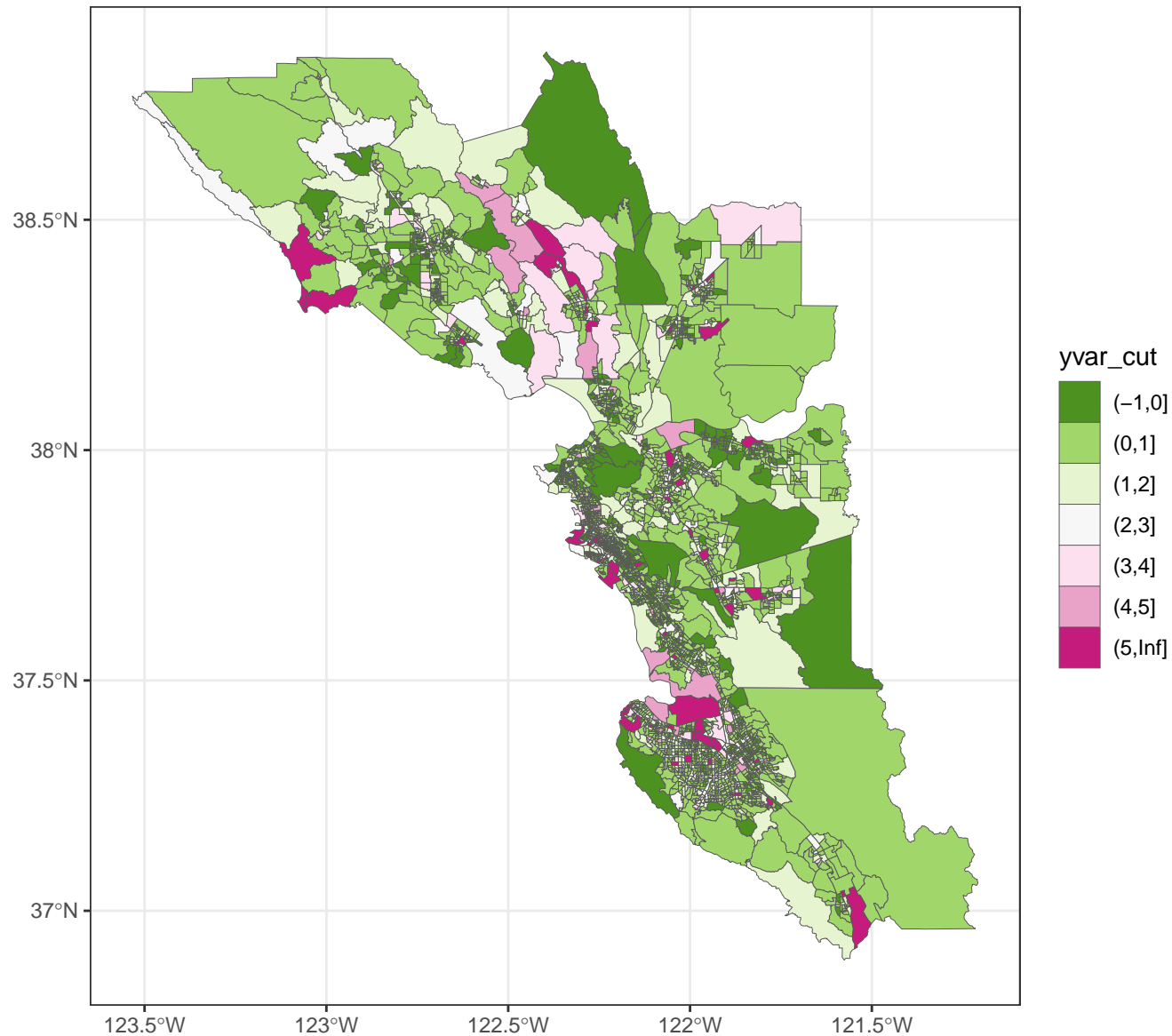##------ Mon Aug 23 16:17:57 2021 ------##
Bay Area Data Overview

Bay Area 2018 Summer Mobility Over 34 Degrees
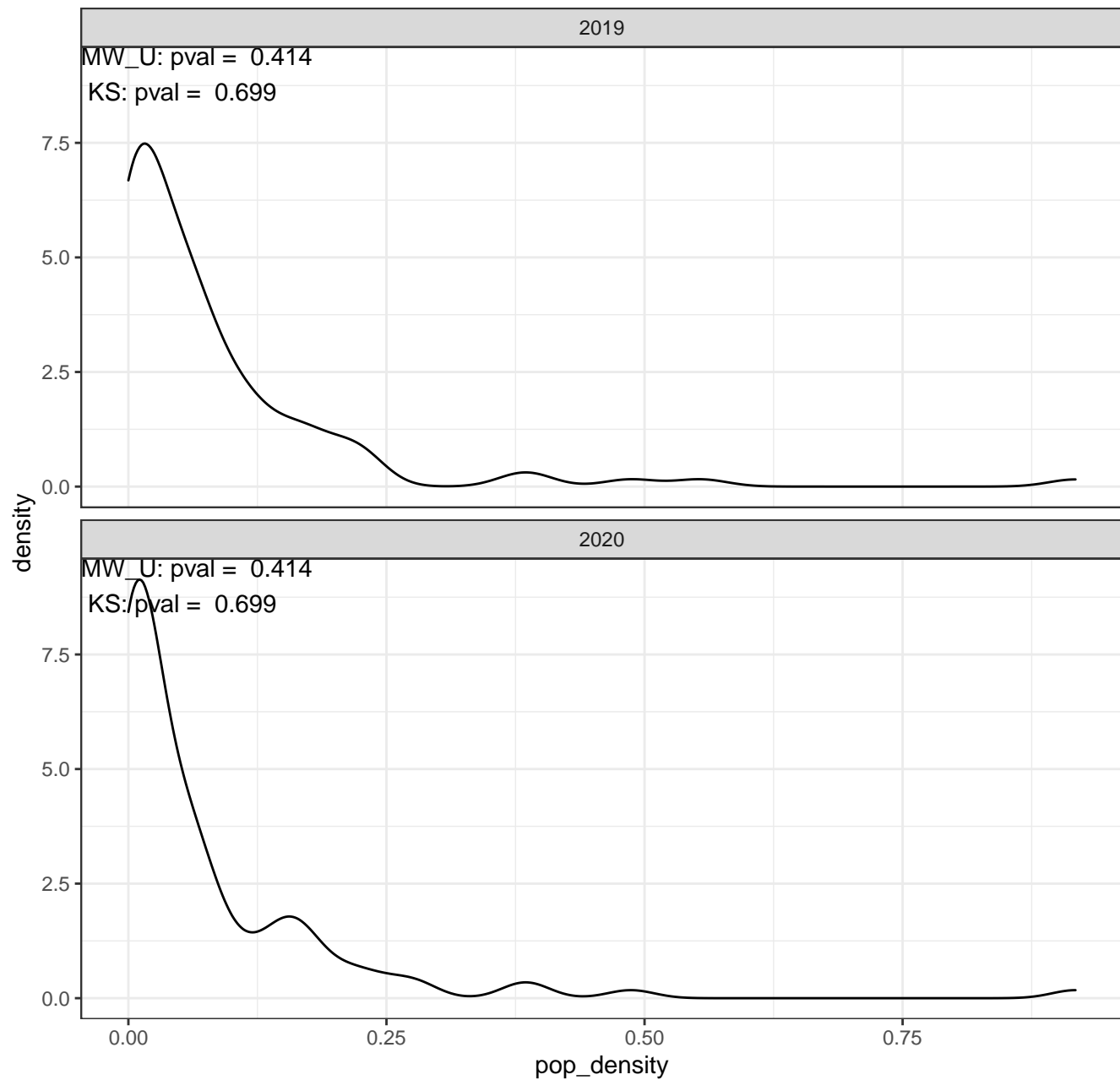
Bay Area 2019 Summer Mobility Over 34 Degrees

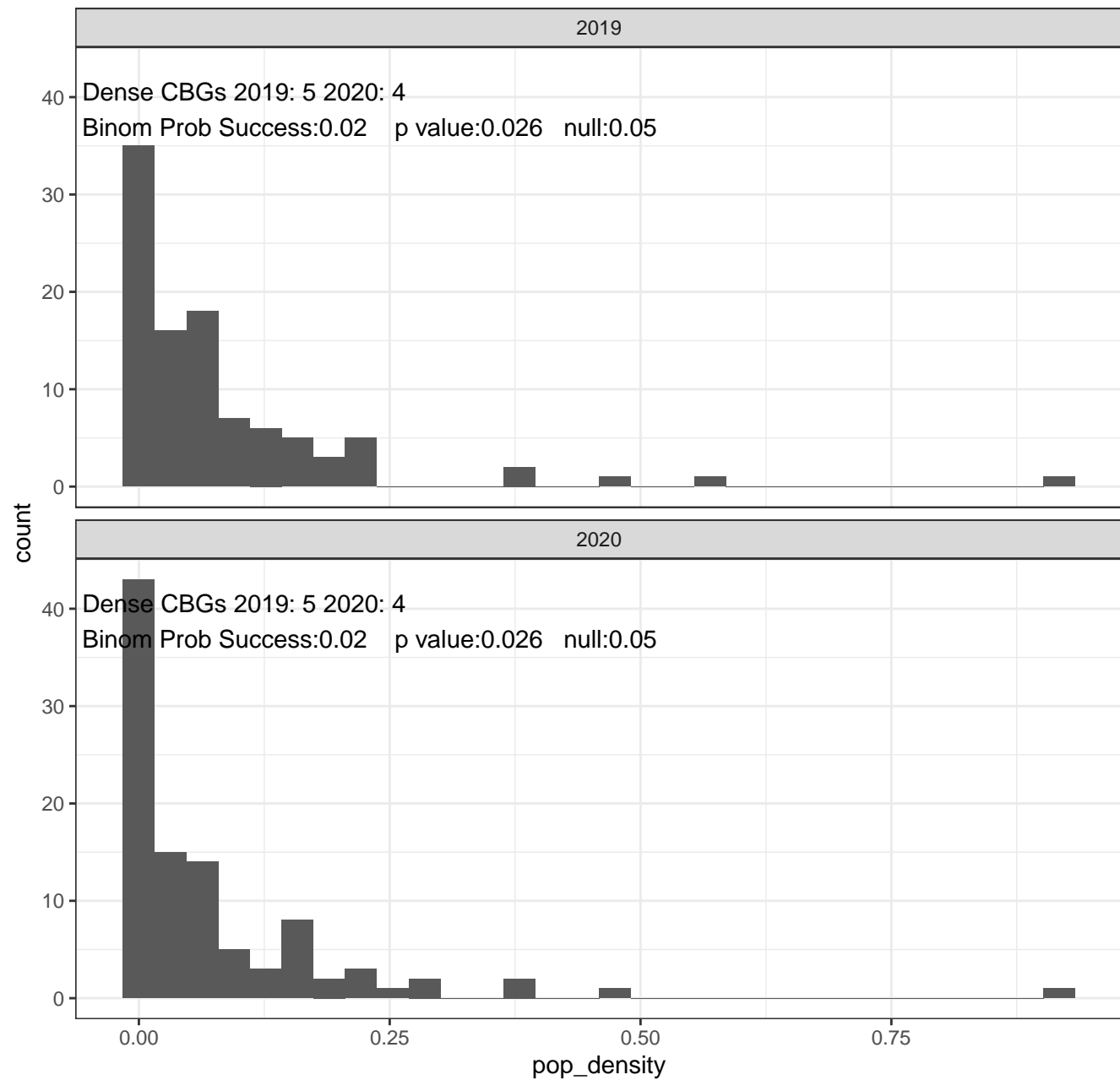Bay Area 2020 Summer Mobility Over 34 Degrees
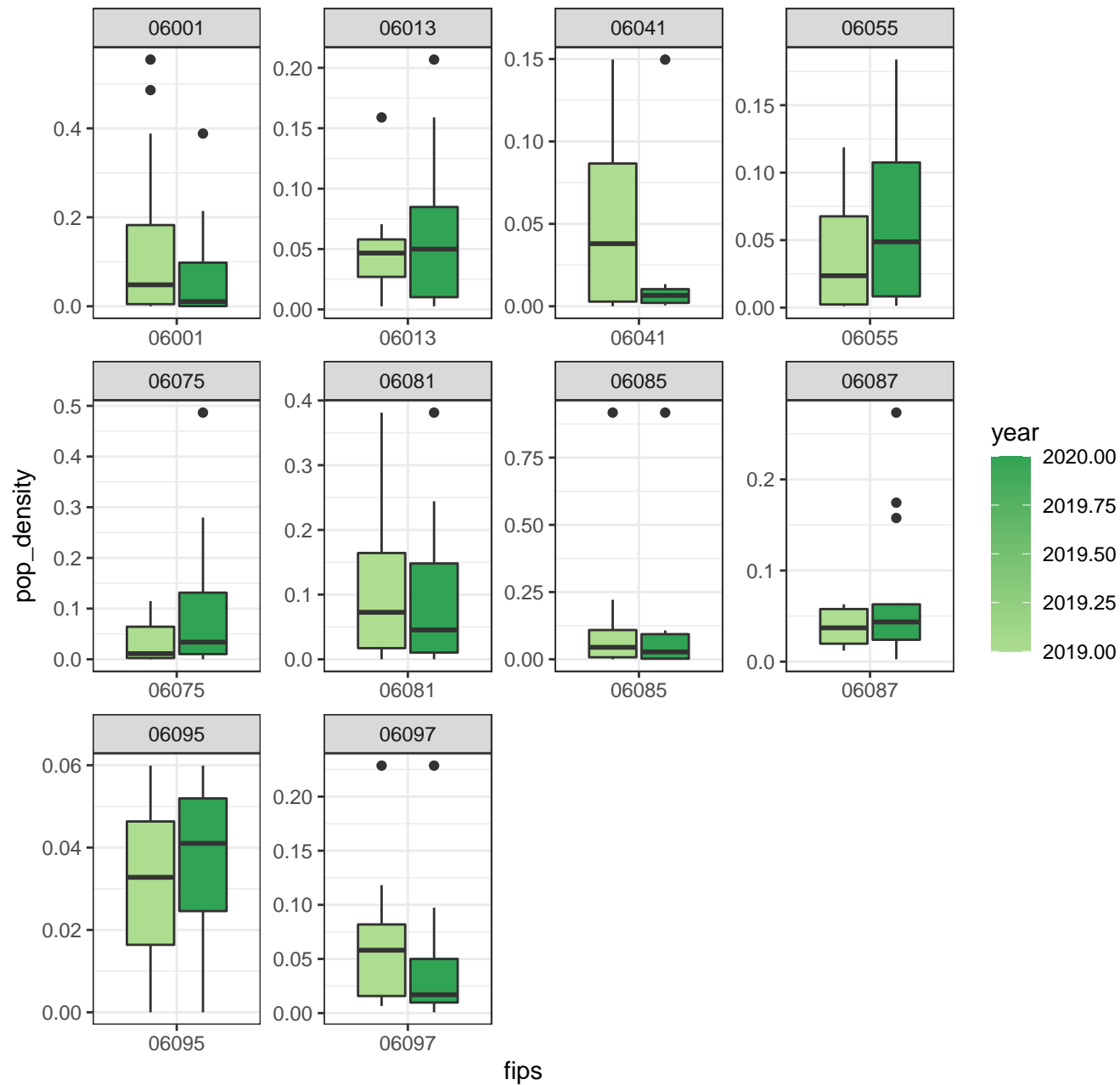
Distribution of Top 100 MI

Distribution of Top 100 MI

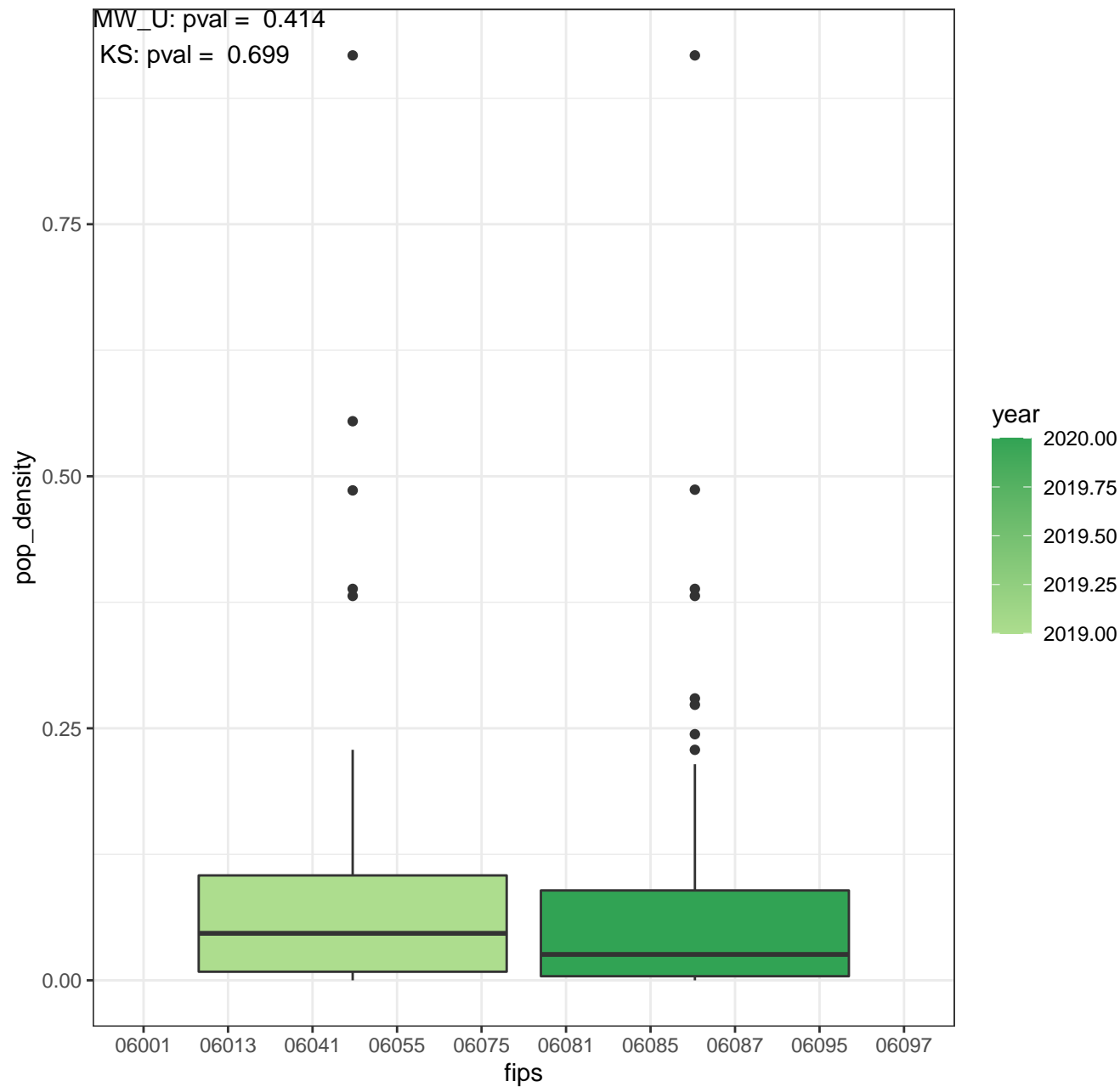Distribution of Pop Density of Top 100 MI (split by County)

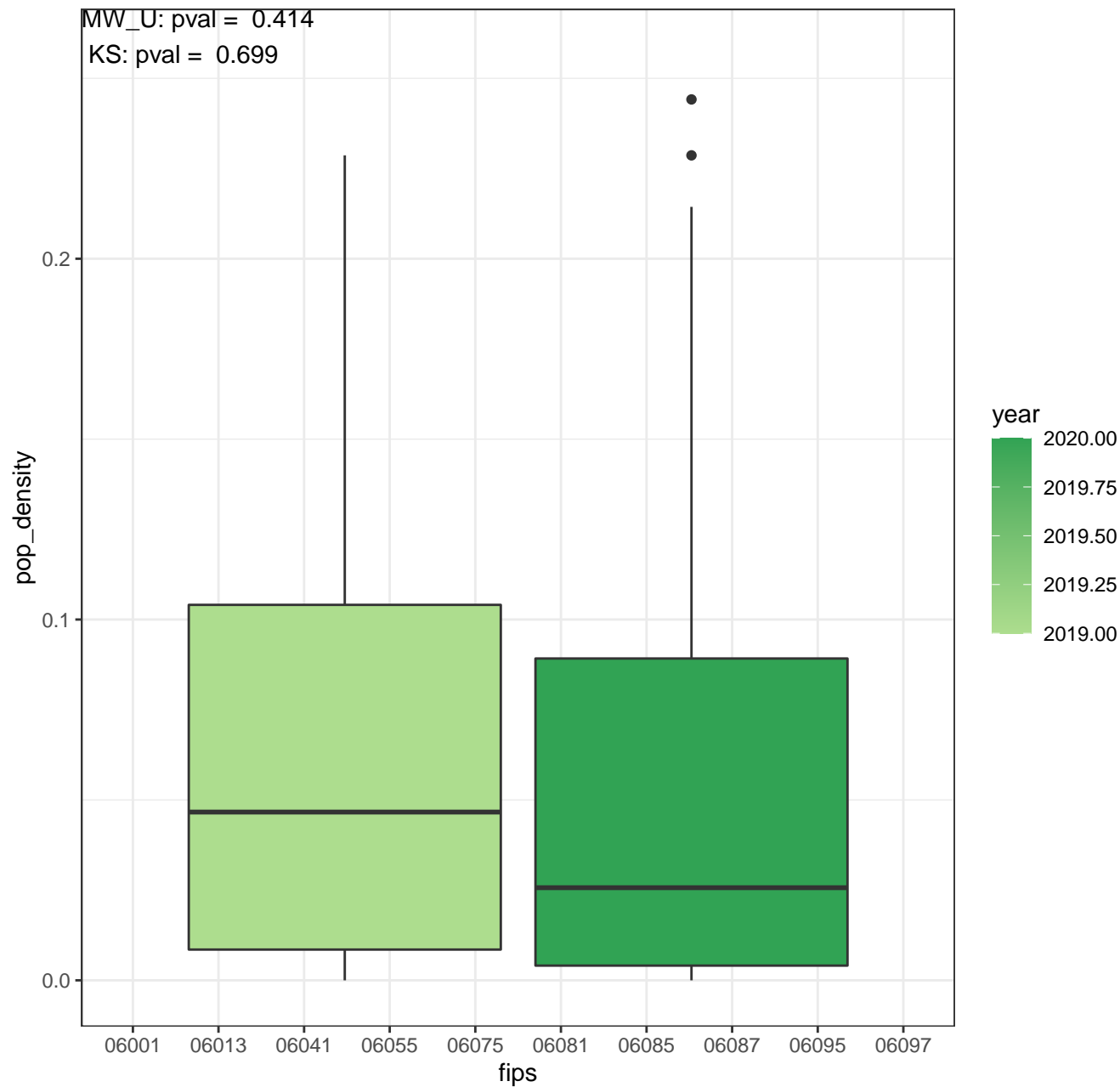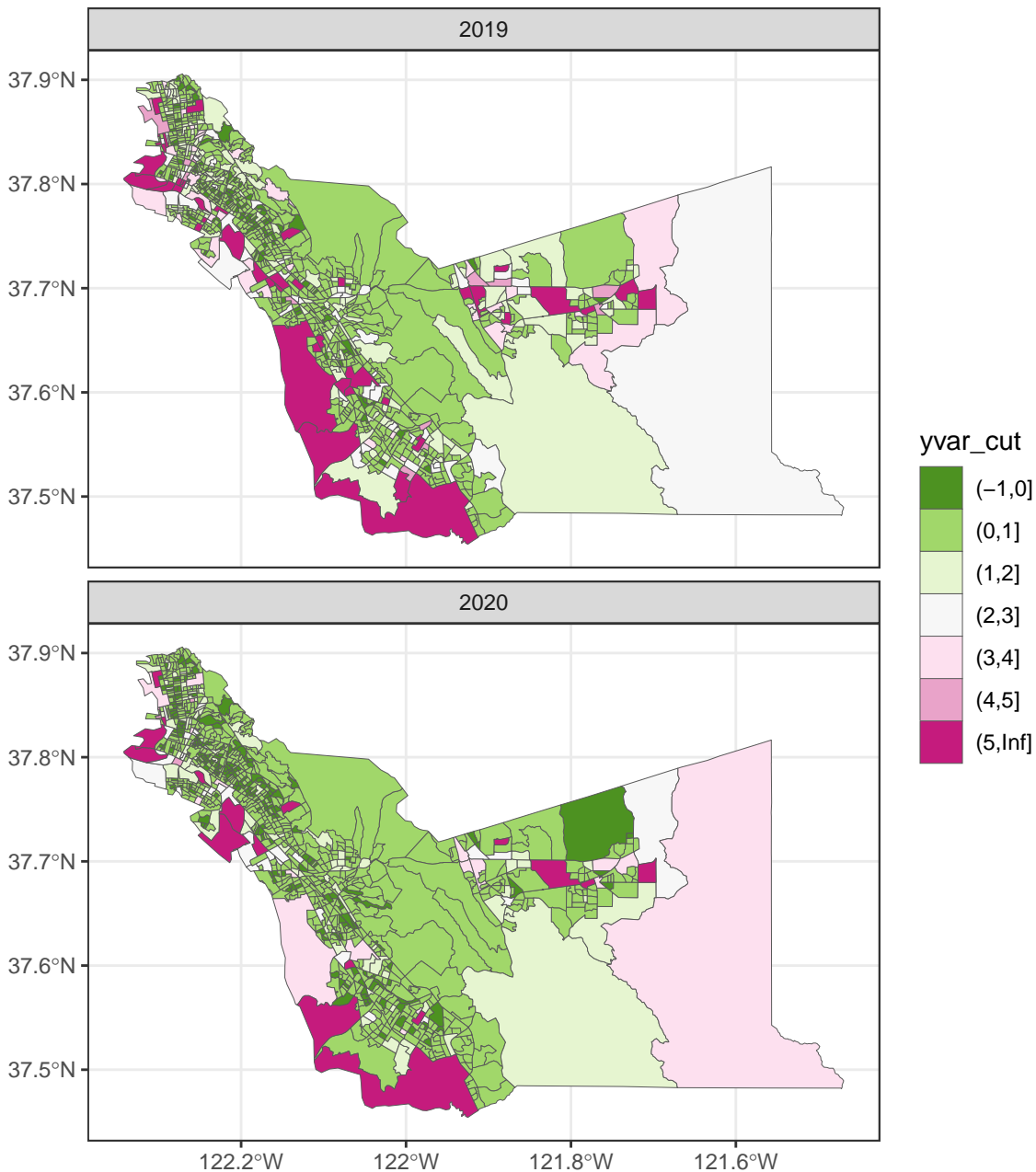Distribution of Pop Density of Top 100 MI (all incl outliers)

Distribution of Pop Density of Top 100 MI (no outliers)
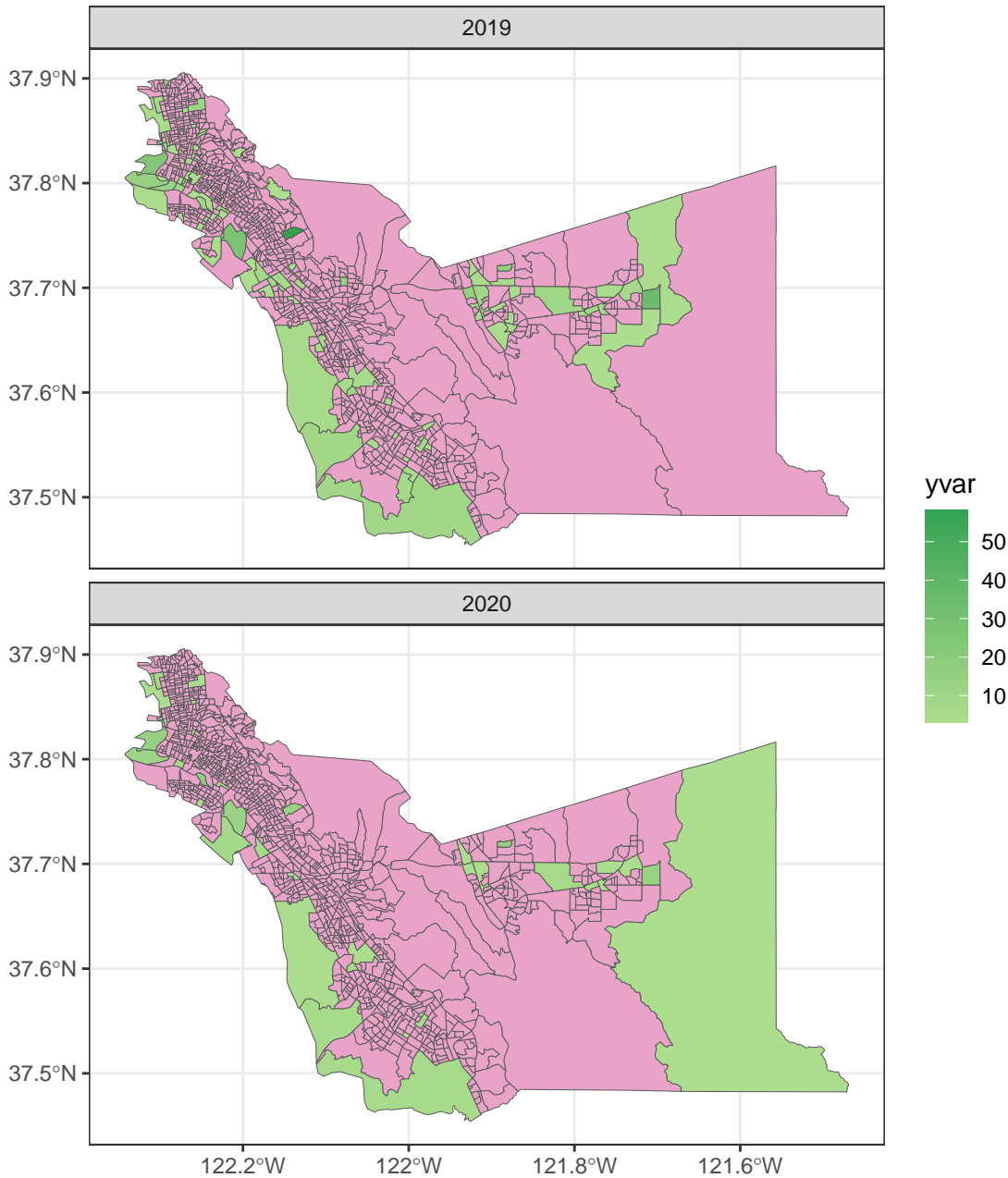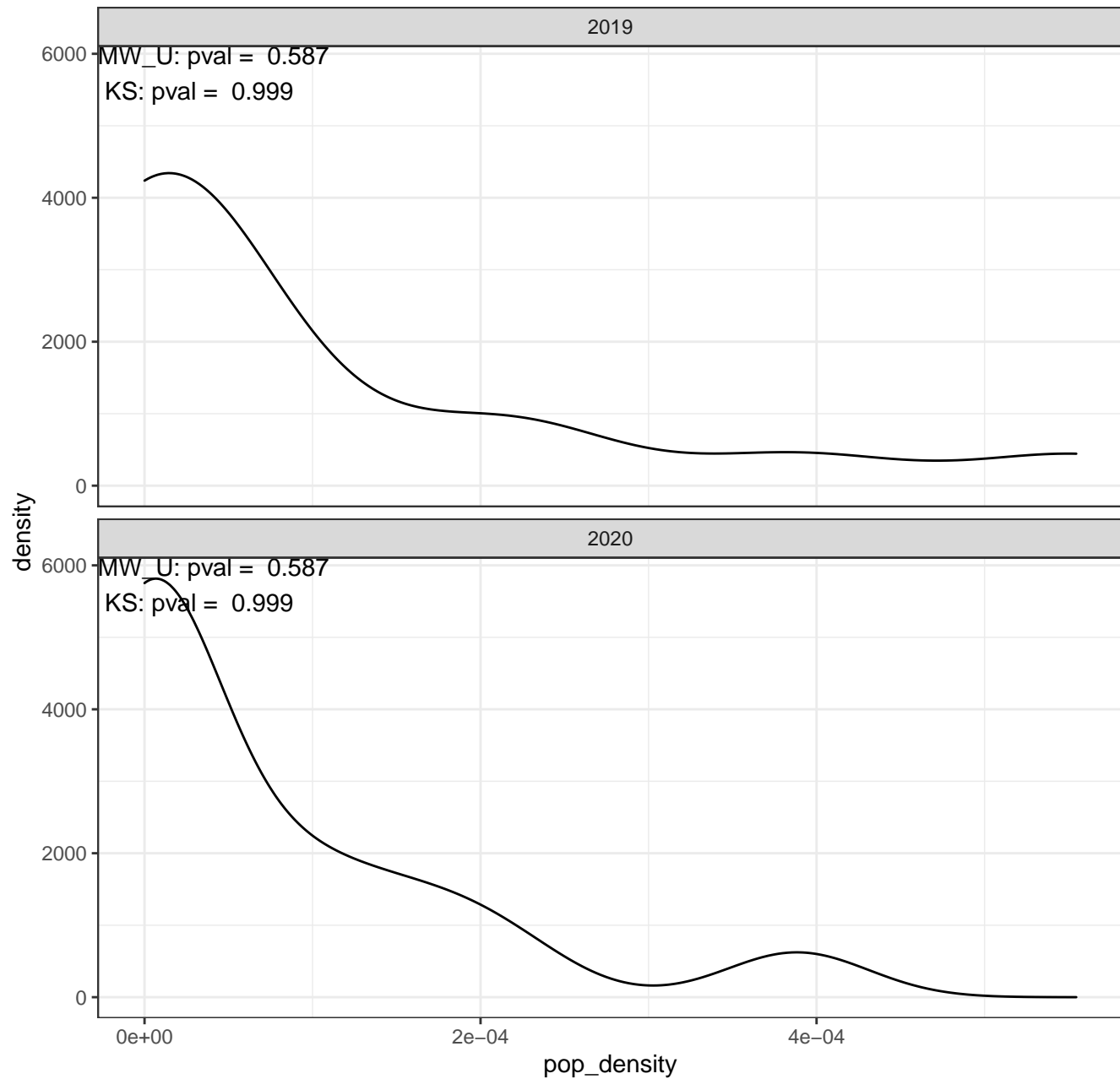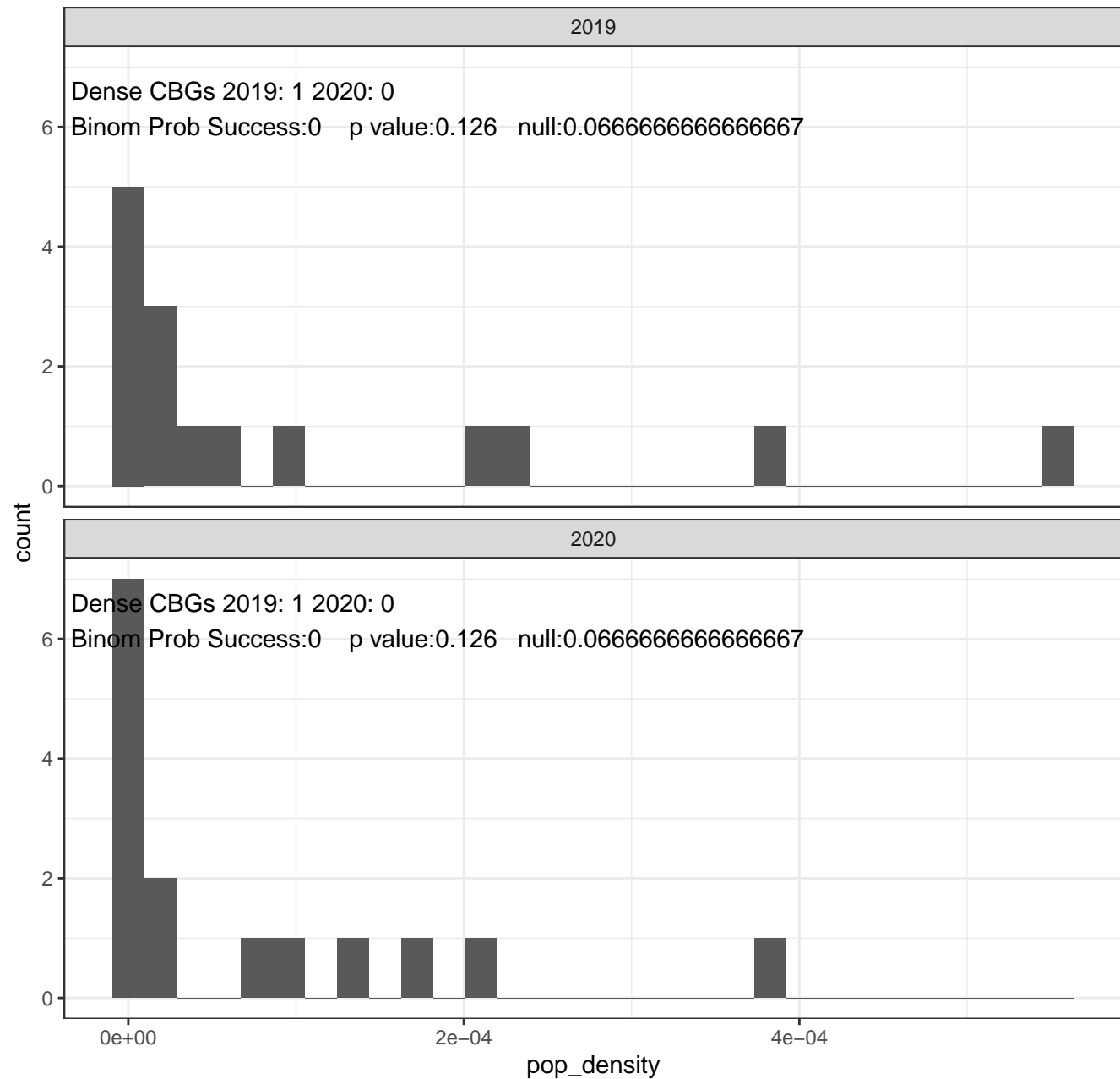
Alameda Summer Mobility Over 34 Degrees

Alameda Summer Mobility Over 34 Degrees & MI > 3

Alameda Distribution of top 15 CBGs

Alameda Distribution of top 15 CBGs
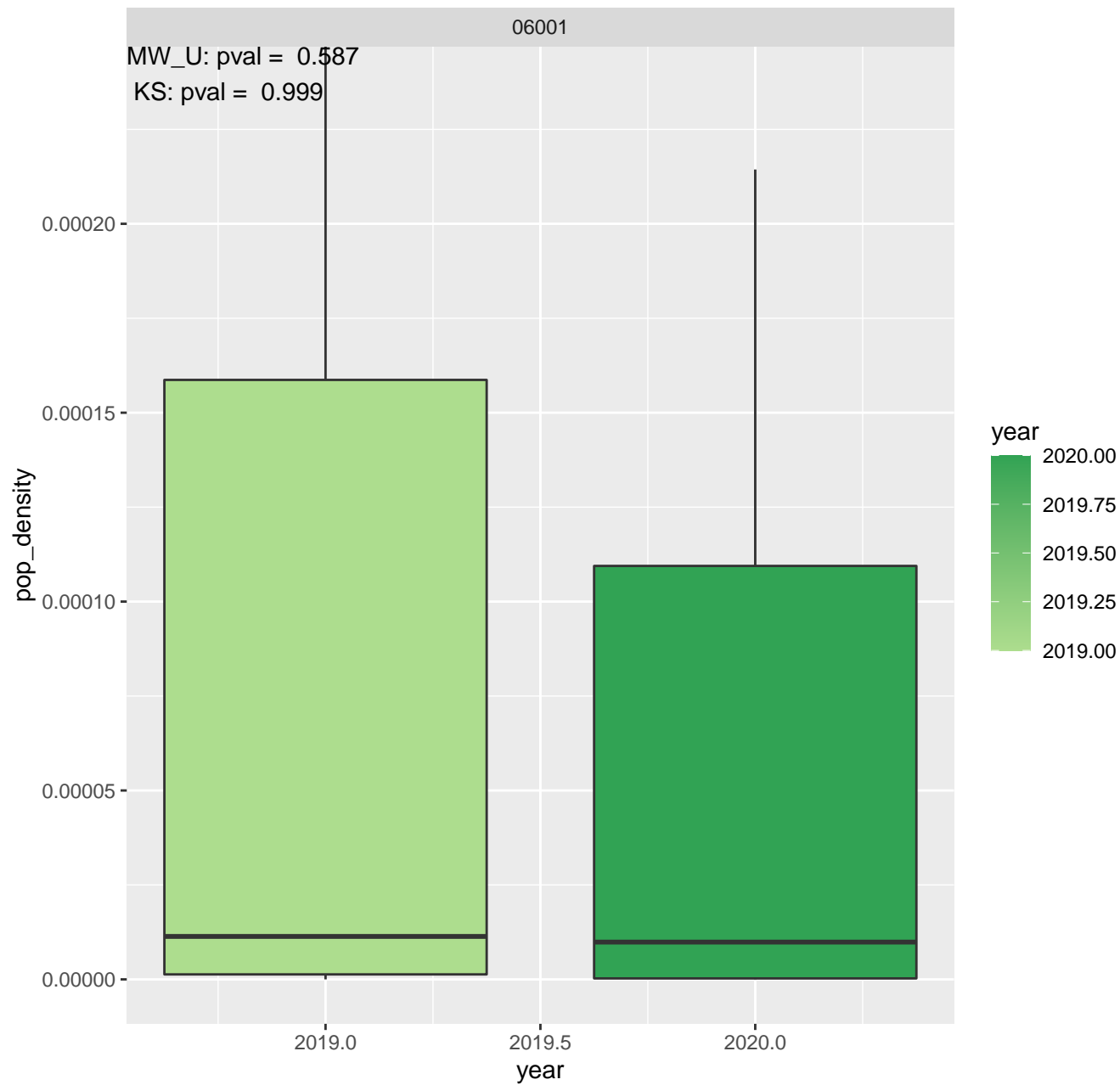

2019

Dense CBGs 2019: 1 2020: 0
Binom Prob Success:0   p value:0.126   null:0.0666666666666667

2020

Dense CBGs 2019: 1 2020: 0
Binom Prob Success:0   p value:0.126   null:0.0666666666666667

count

pop_density
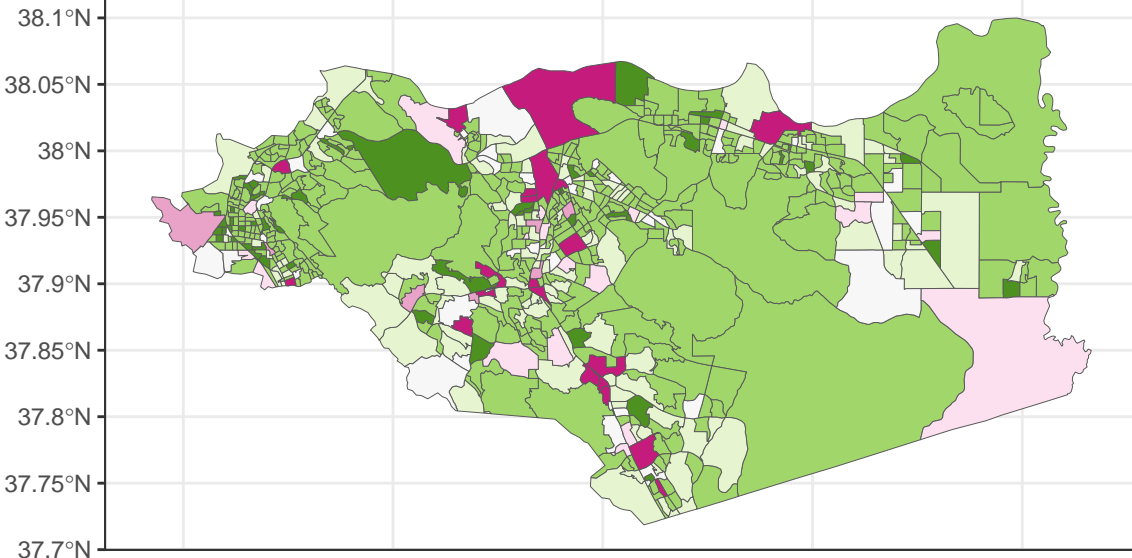
Alameda Distribution of Pop Density Top 15 MI (all incl outliers)
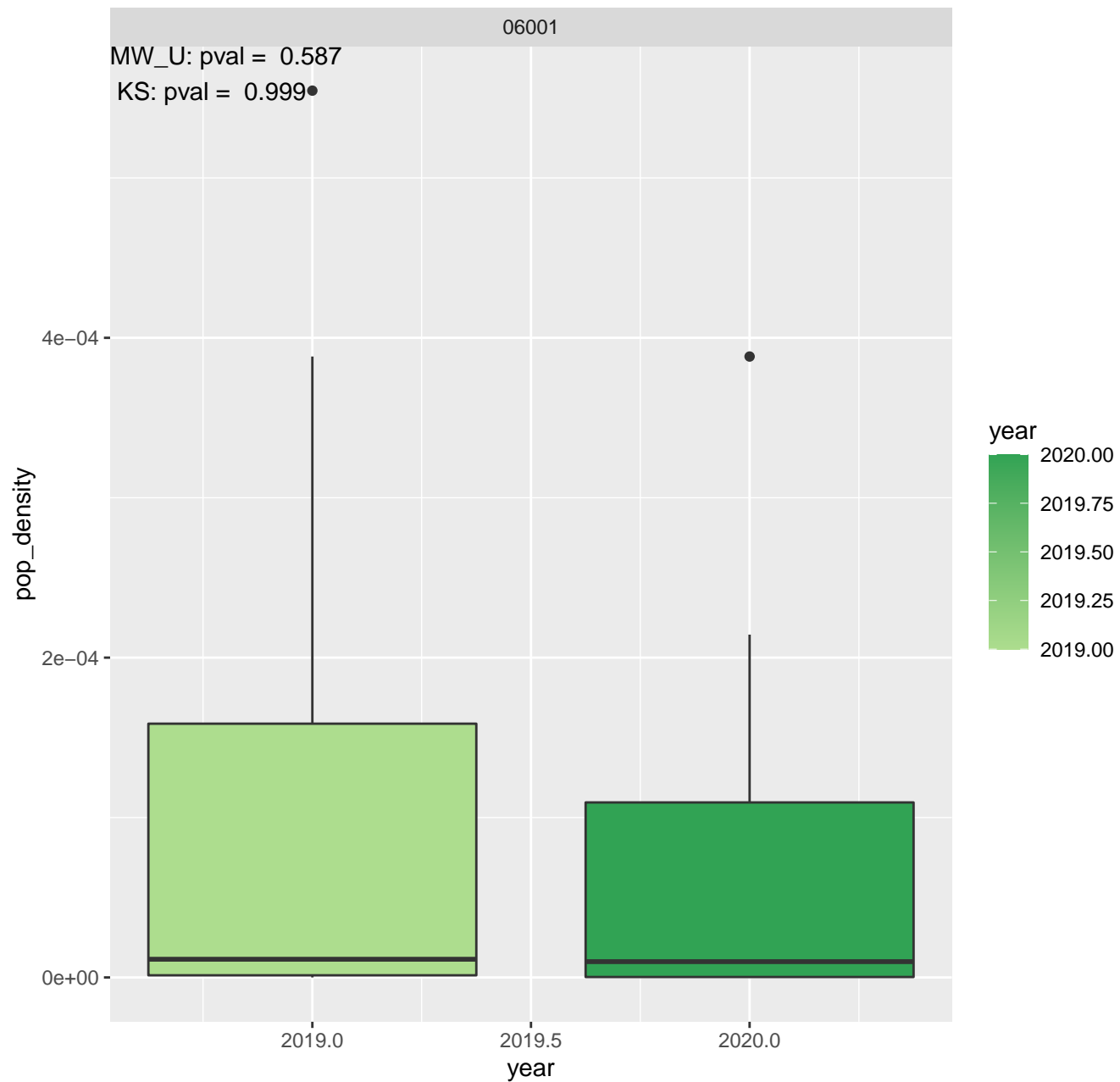
Alameda Distribution of Pop Density Top 15 MI (no outliers)

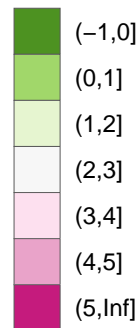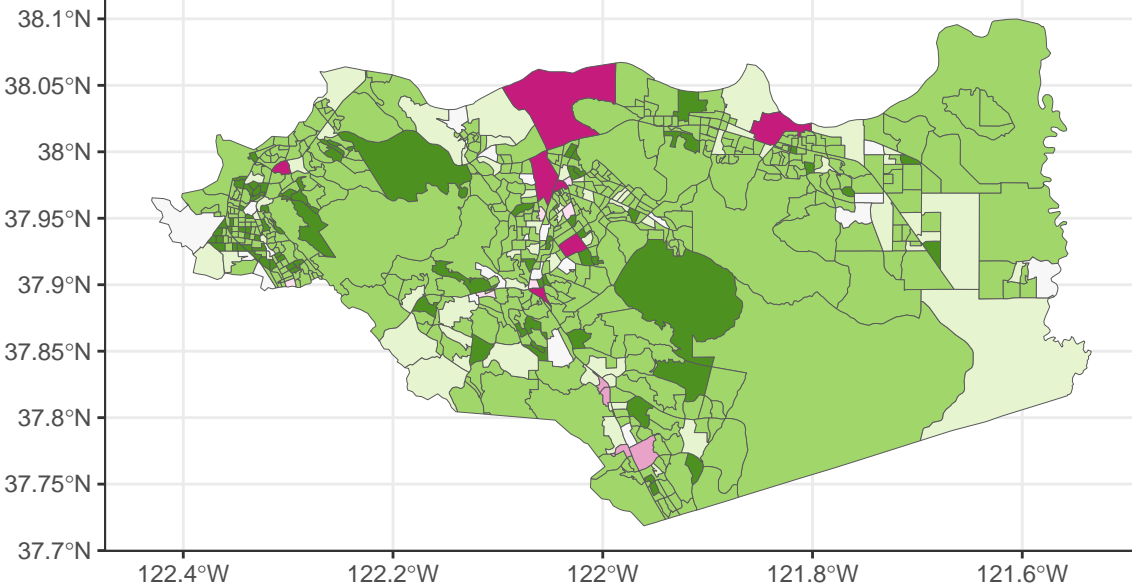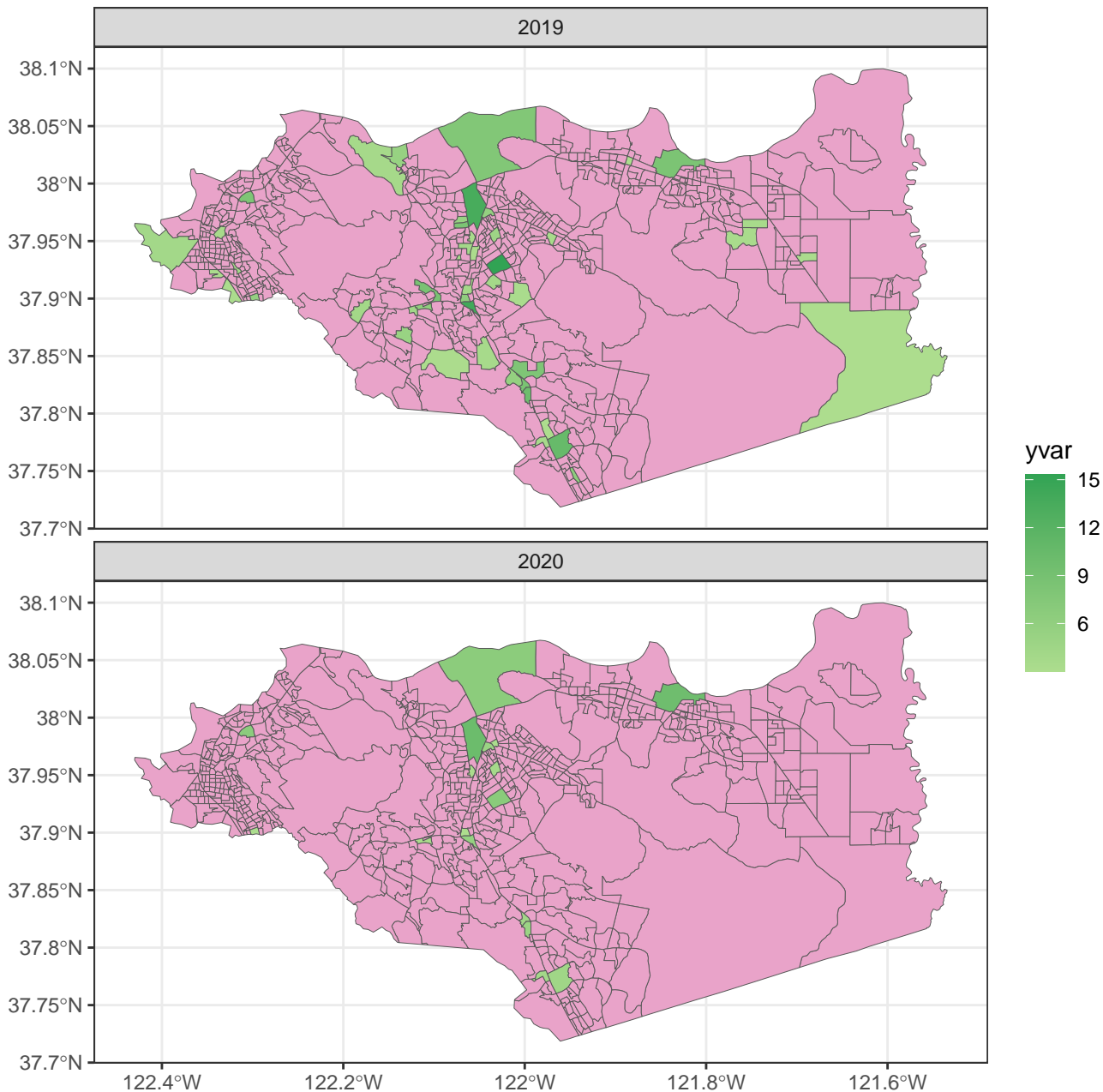Contra Costa Summer Mobility Over 34 Degrees

Contra Costa Summer Mobility Over 34 Degrees & MI > 3

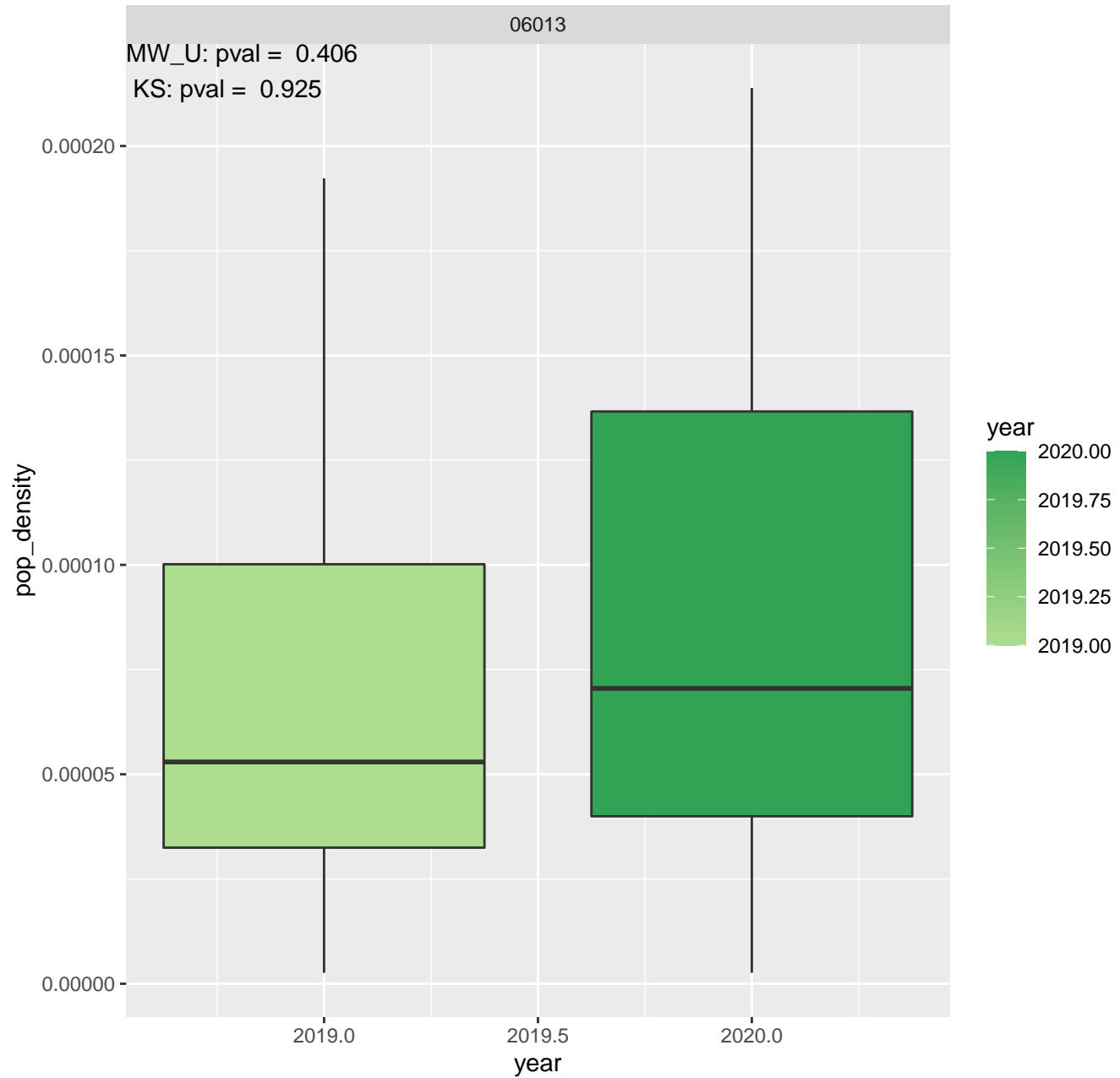Contra Costa Distribution of top 15 CBGs
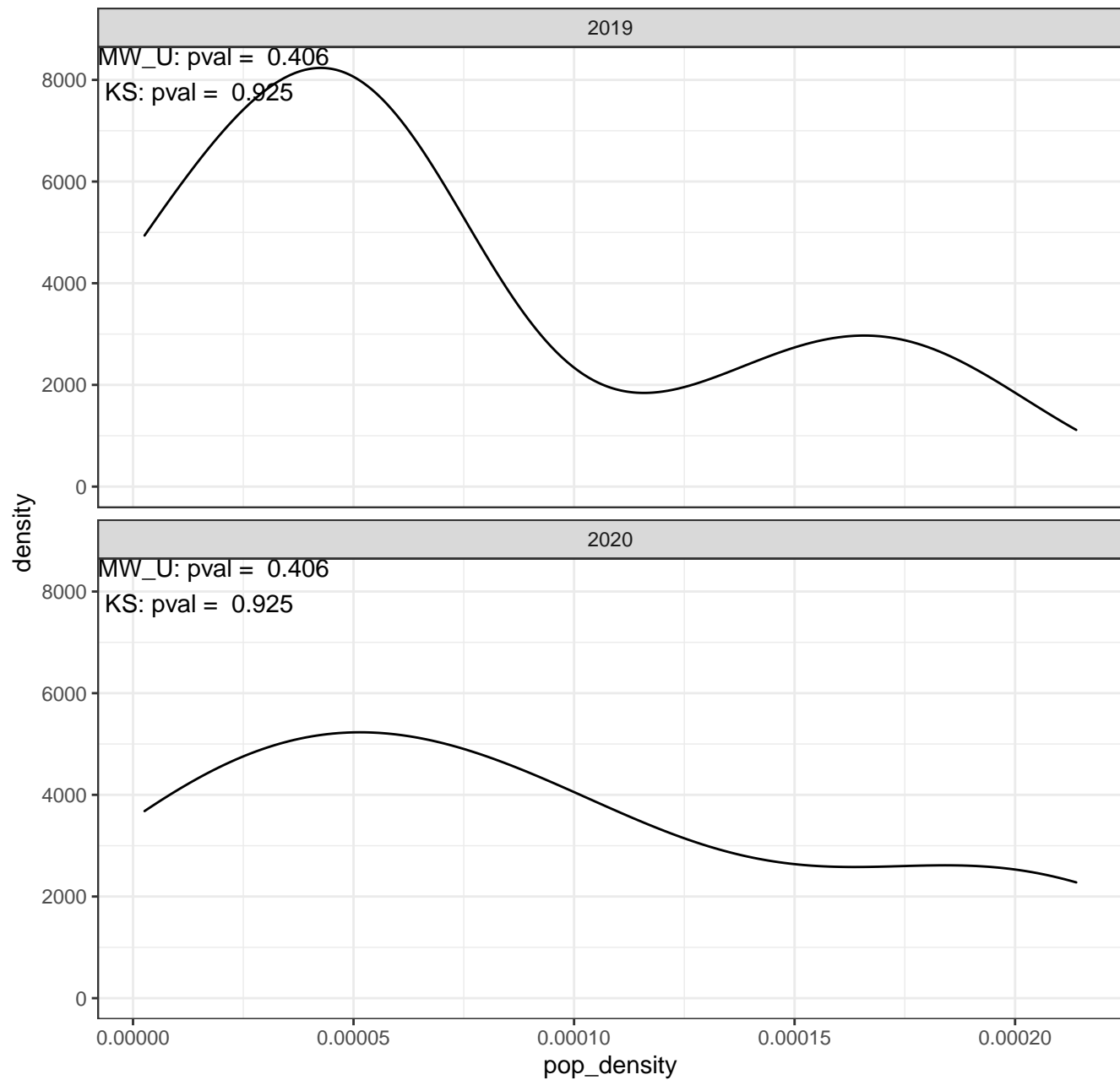
2019

MW_U: pval = 0.406
KS: pval = 0.925

2020

MW_U: pval = 0.406
KS: pval = 0.925

density

pop_density

Contra Costa Distribution of top 15 CBGs

2019

Dense CBGs 2019: 0 2020: 0
Binom Prob Success:0   p value:1   null:0

2020

Dense CBGs 2019: 0 2020: 0
Binom Prob Success:0   p value:1   null:0

count
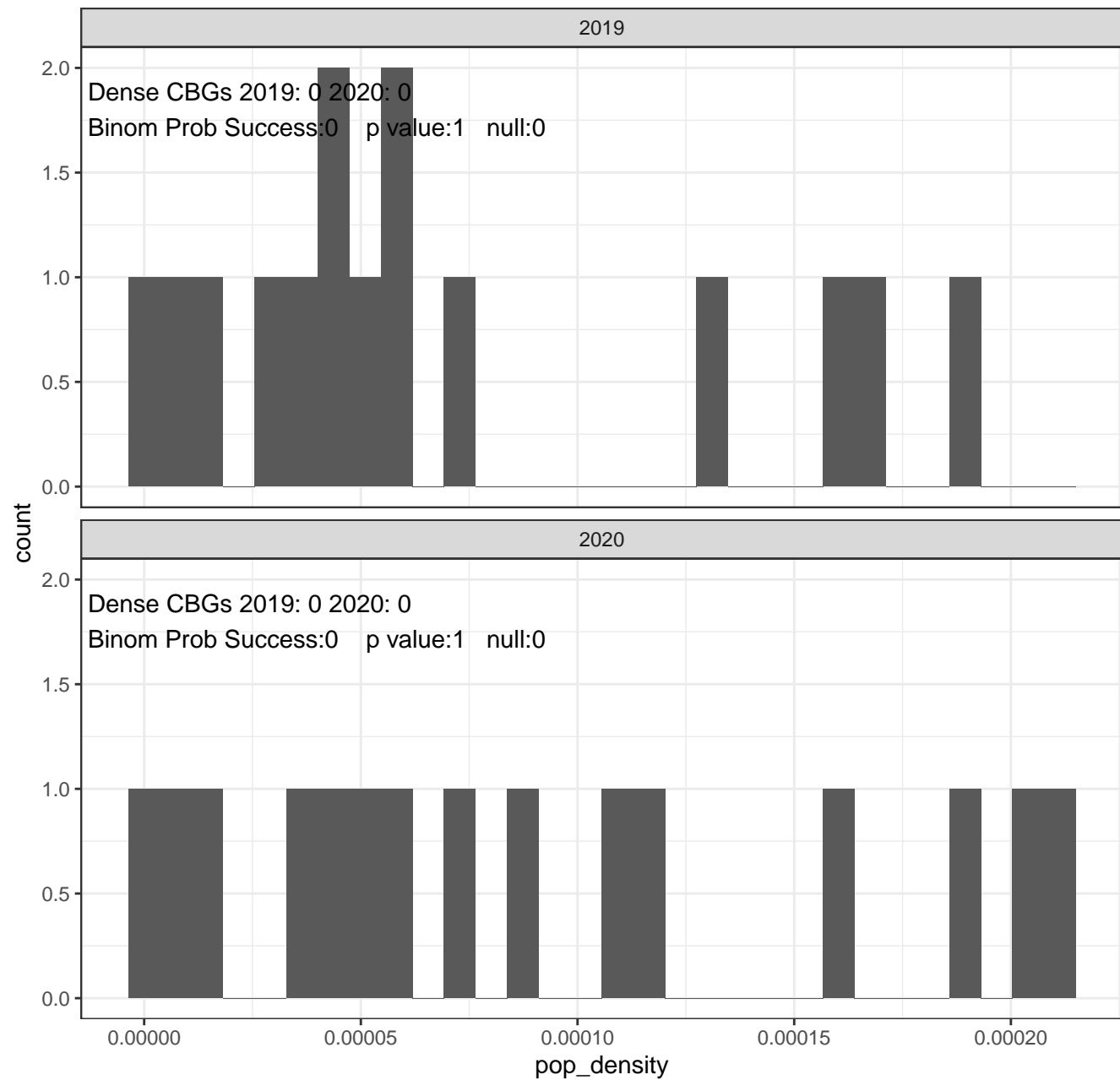
pop_density

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

Contra Costa Distribution of Pop Density Top 15 MI (no outliers)
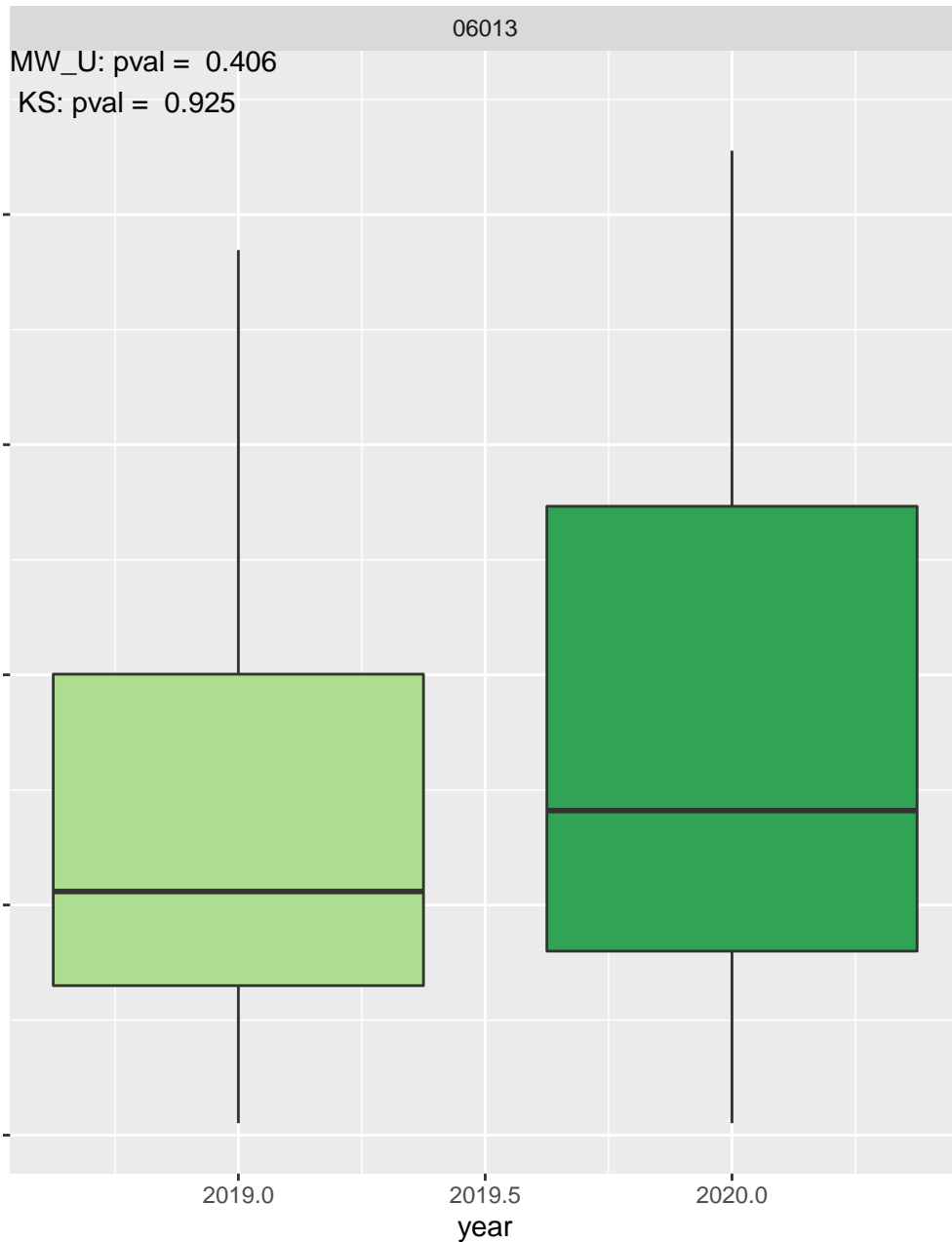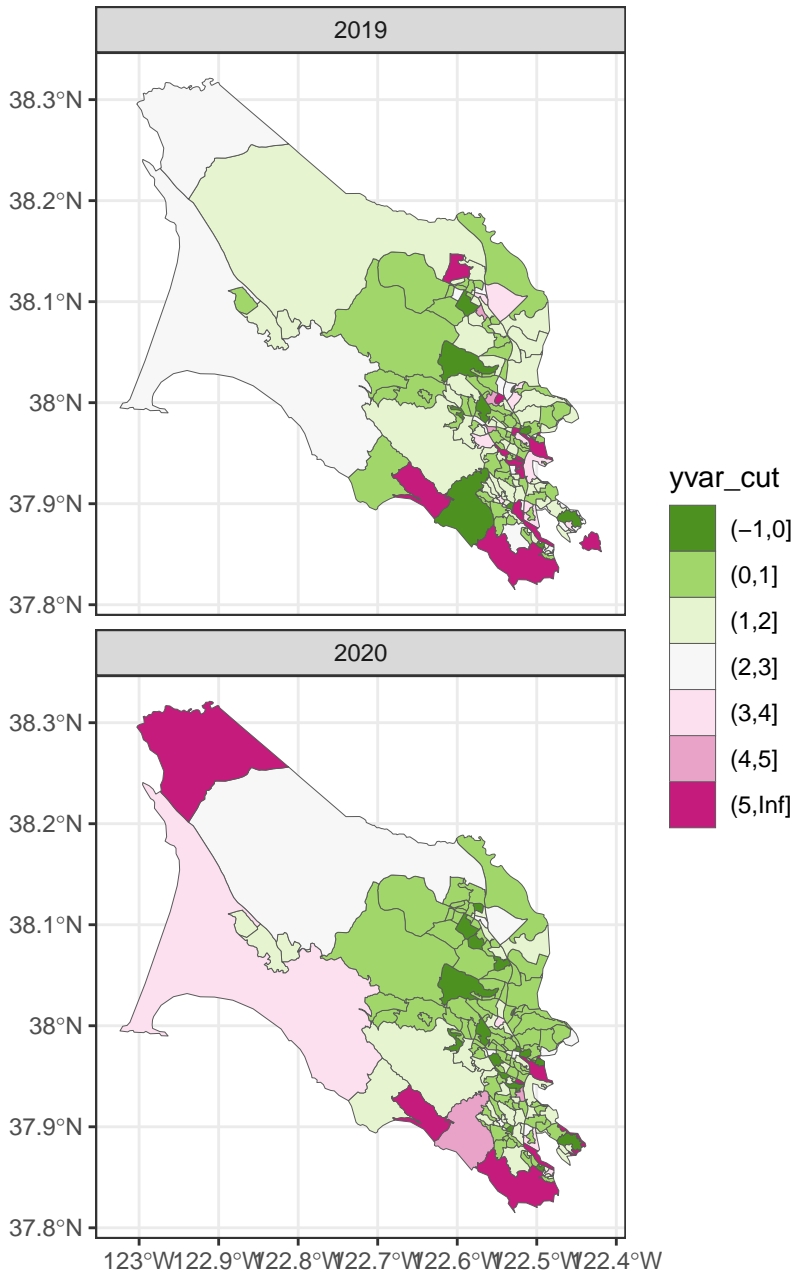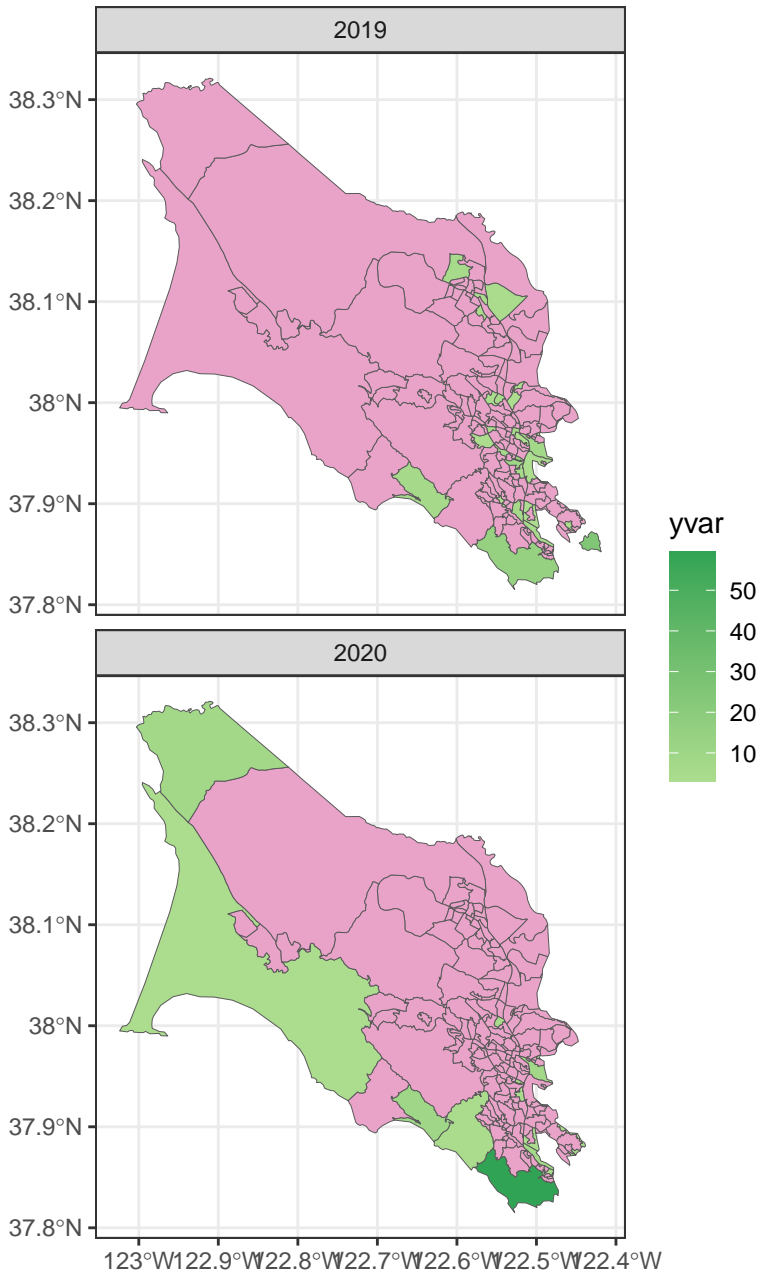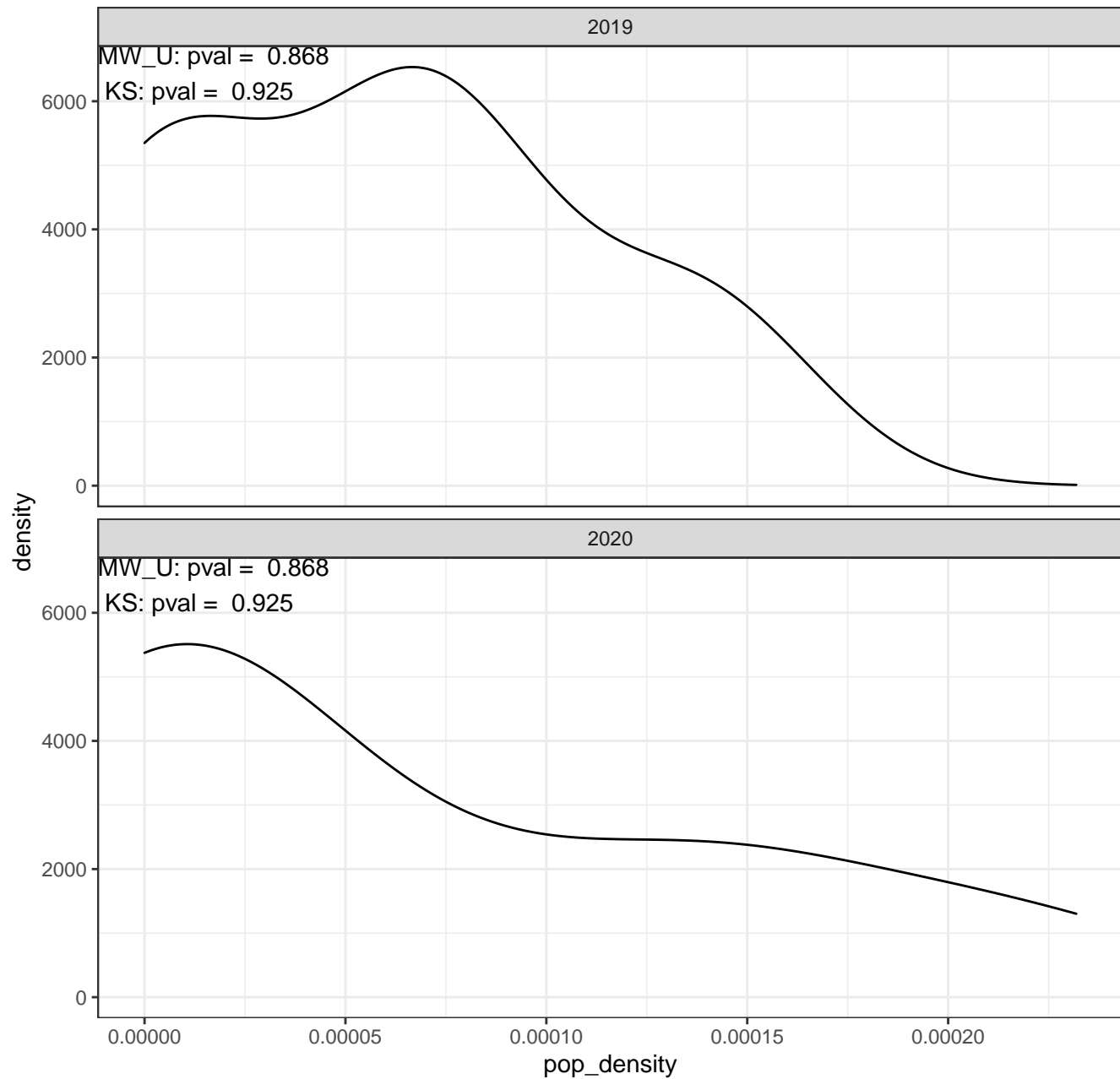
Marin Summer Mobility Over 34 Degrees
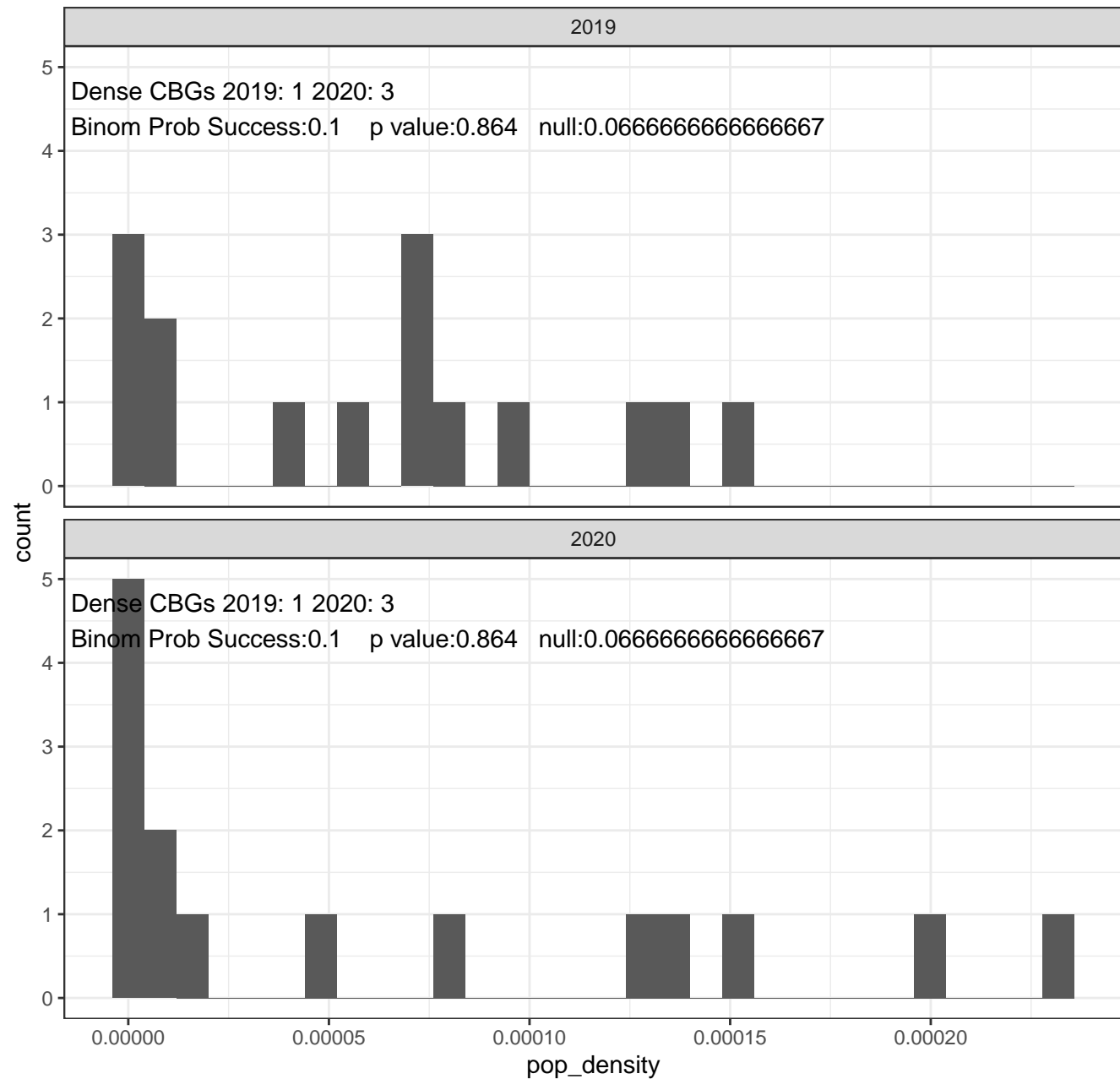
Marin Summer Mobility Over 34 Degrees & MI > 3
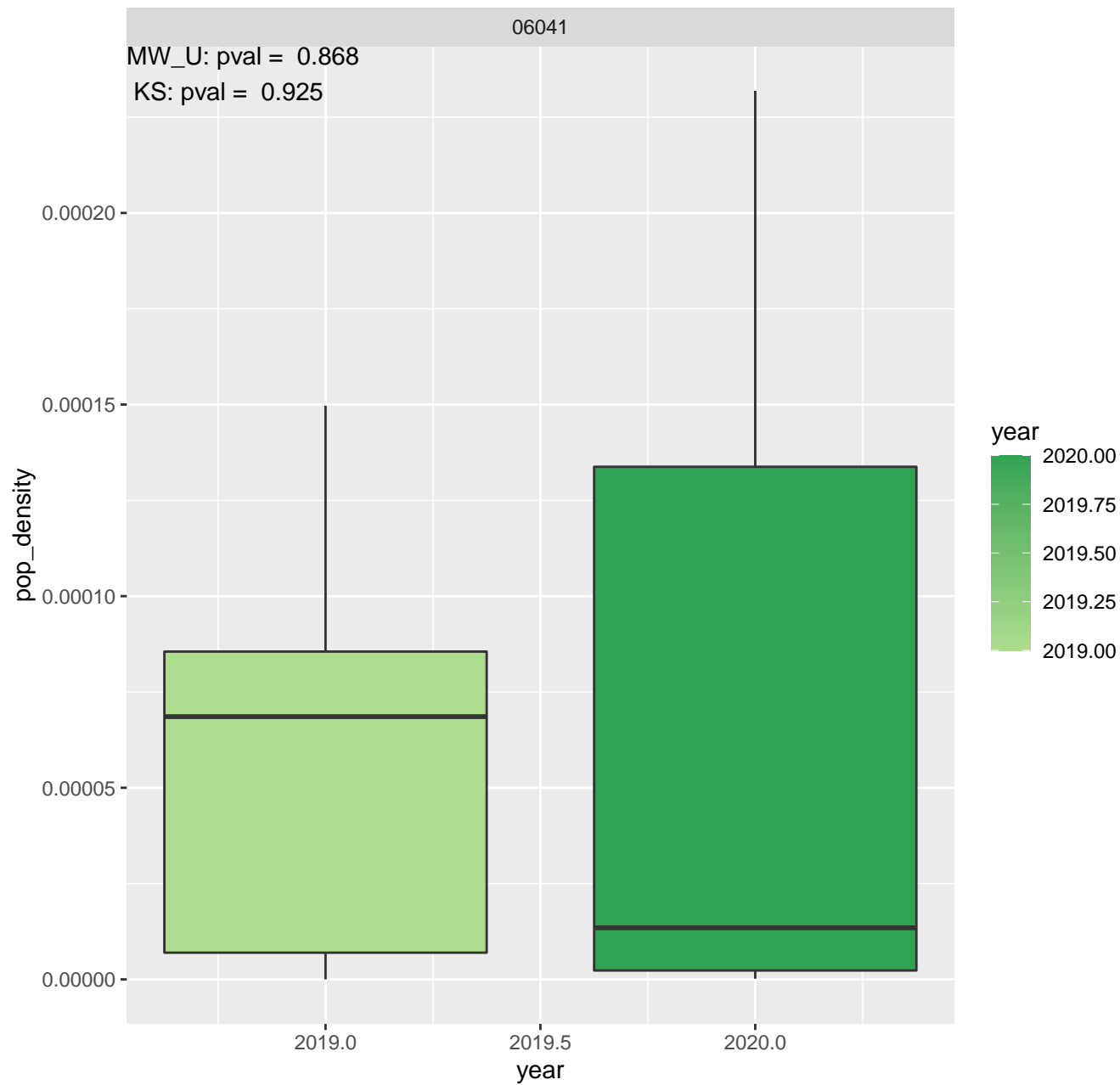
Marin Distribution of top 15 CBGs
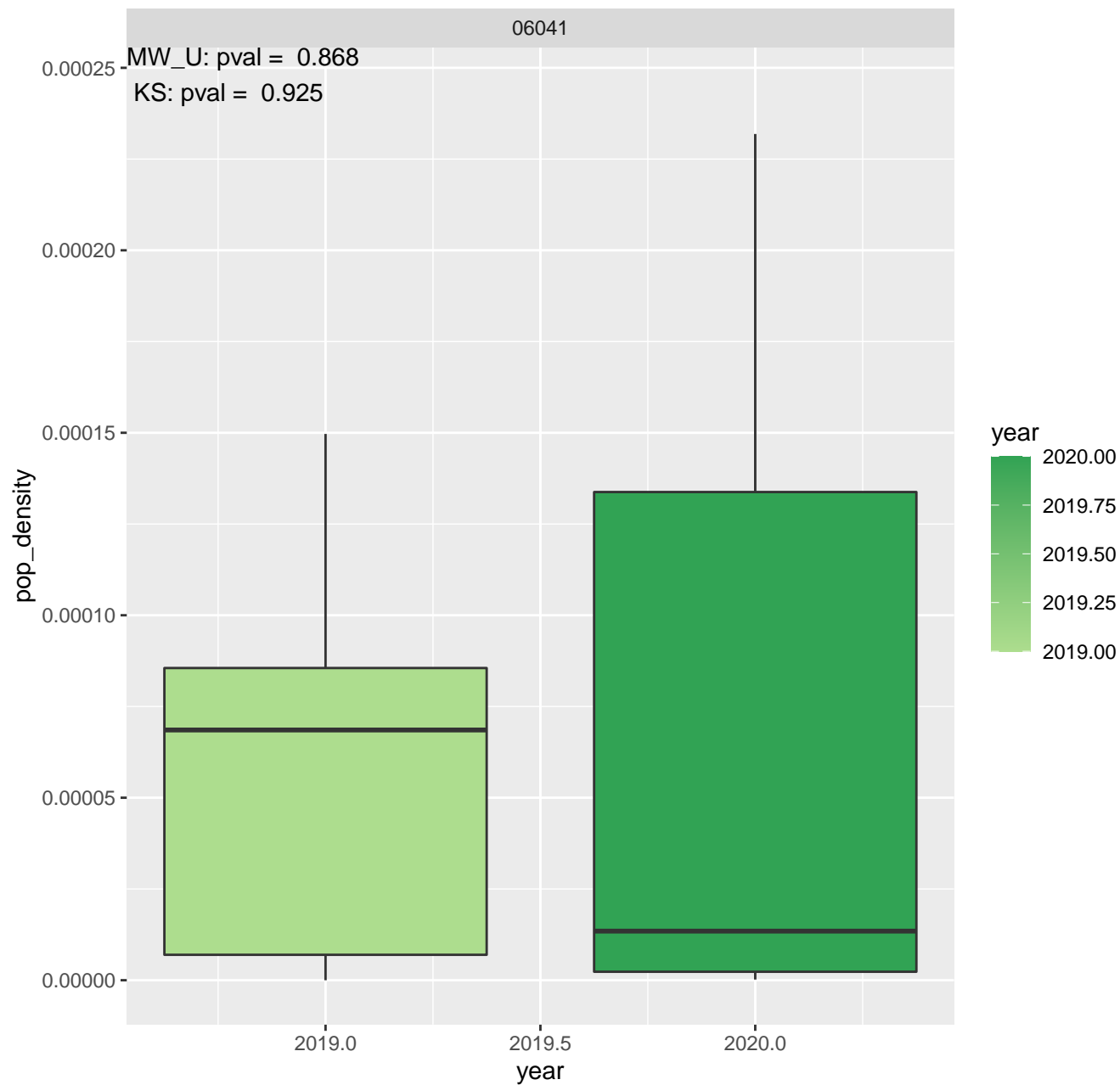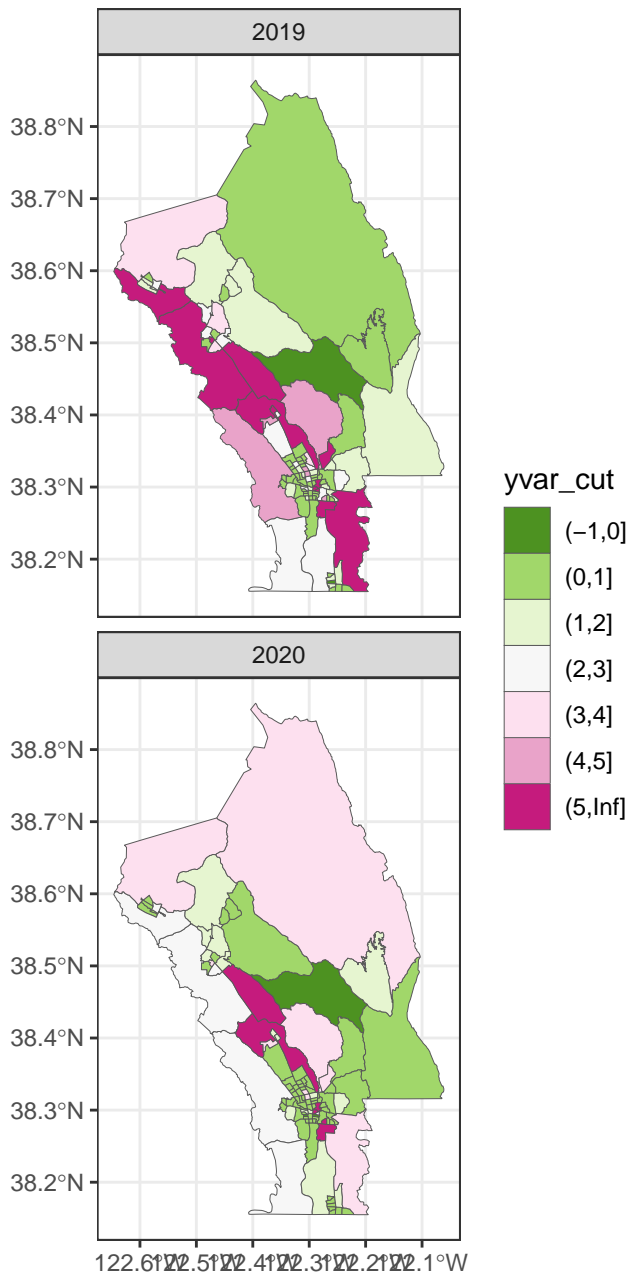
Marin Distribution of top 15 CBGs

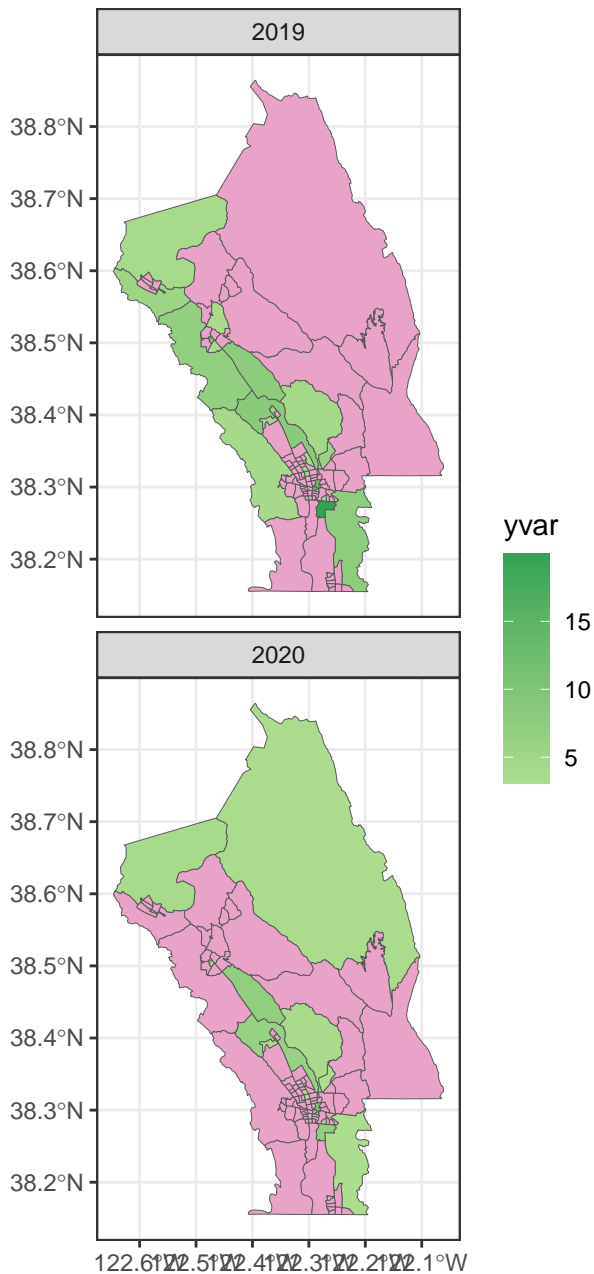Marin Distribution of Pop Density Top 15 MI (all incl outliers)
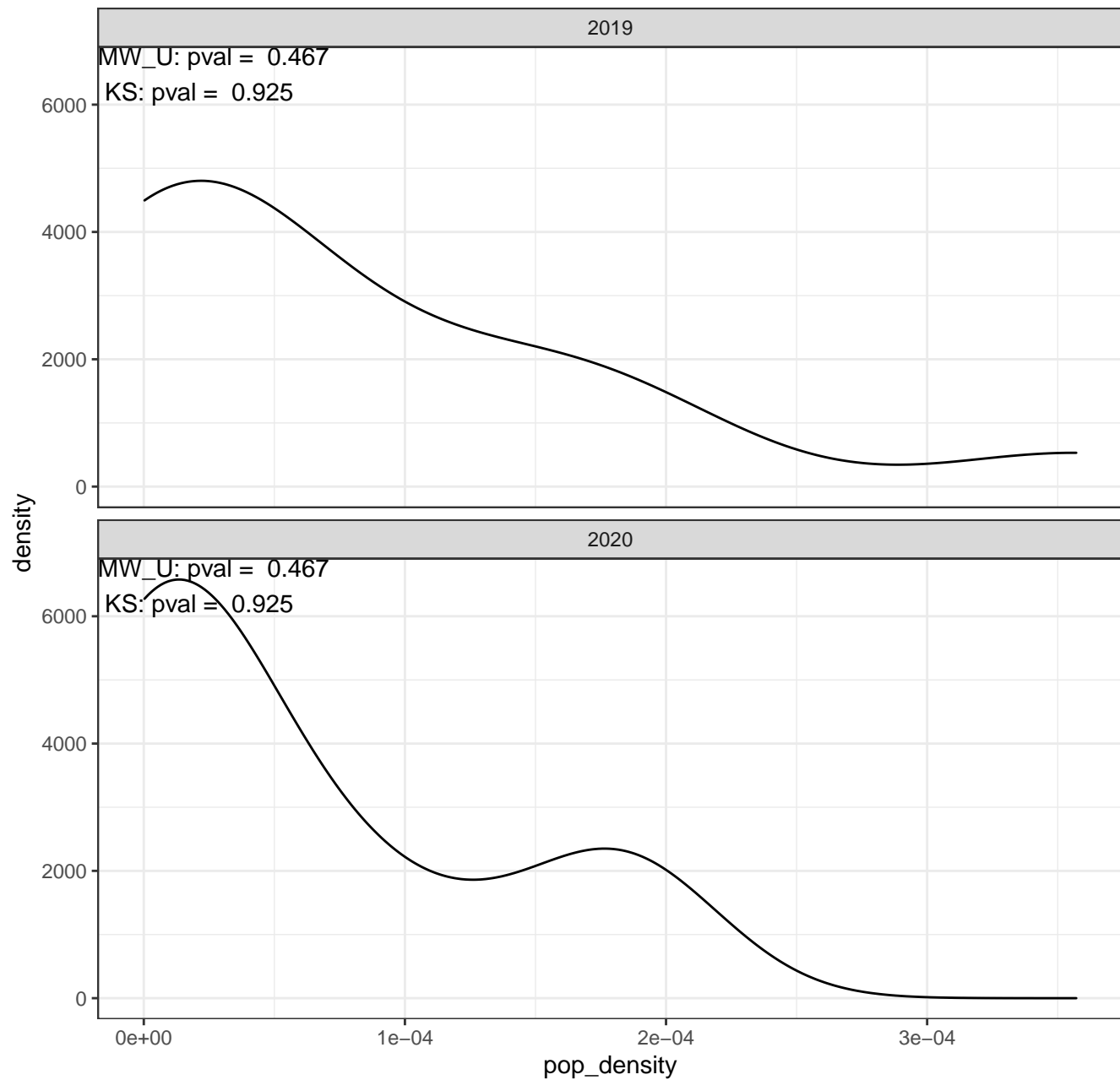
Marin Distribution of Pop Density Top 15 MI (no outliers)
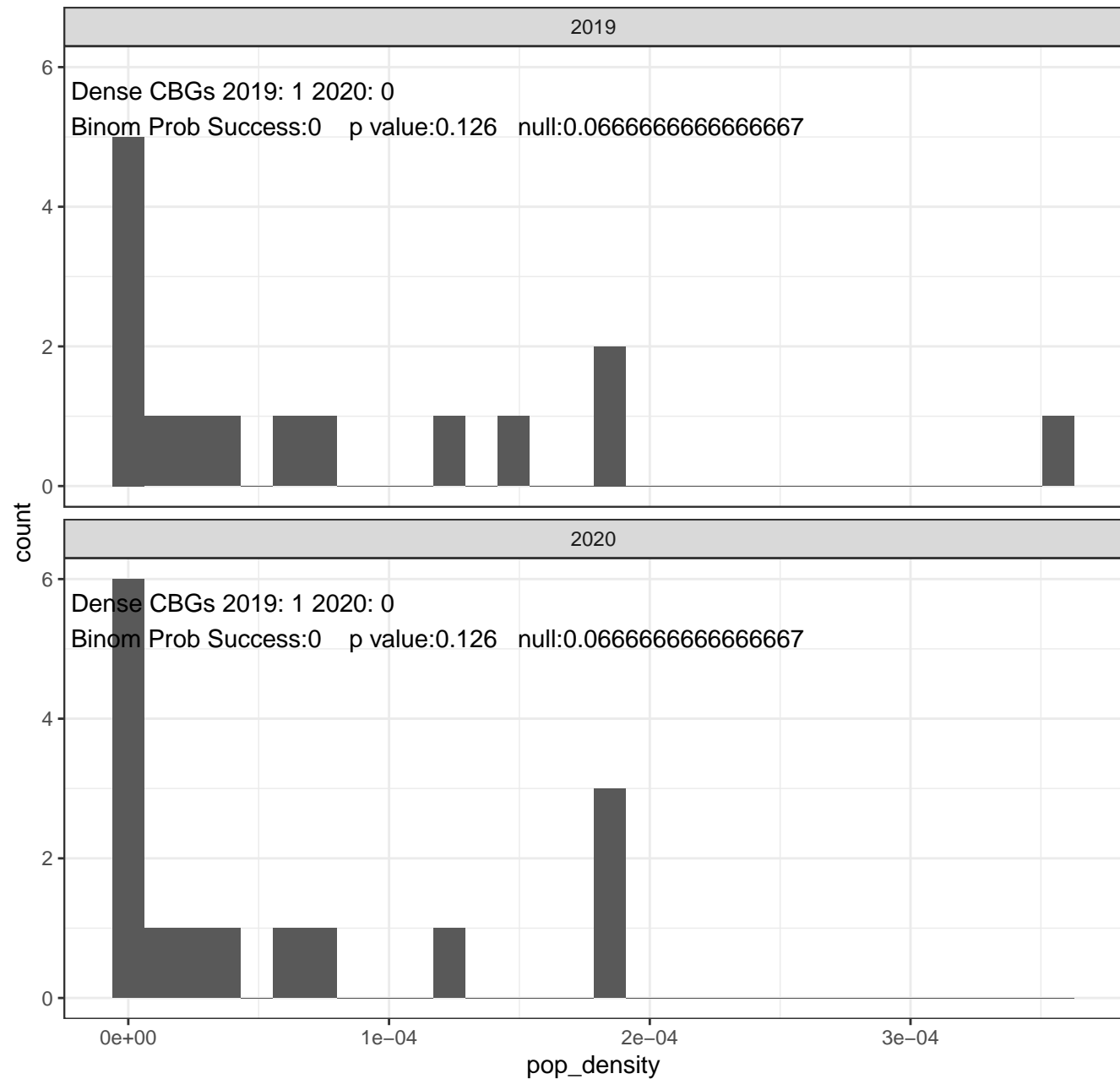
Napa Summer Mobility Over 34 Degrees

Napa Summer Mobility Over 34 Degrees & MI > 3
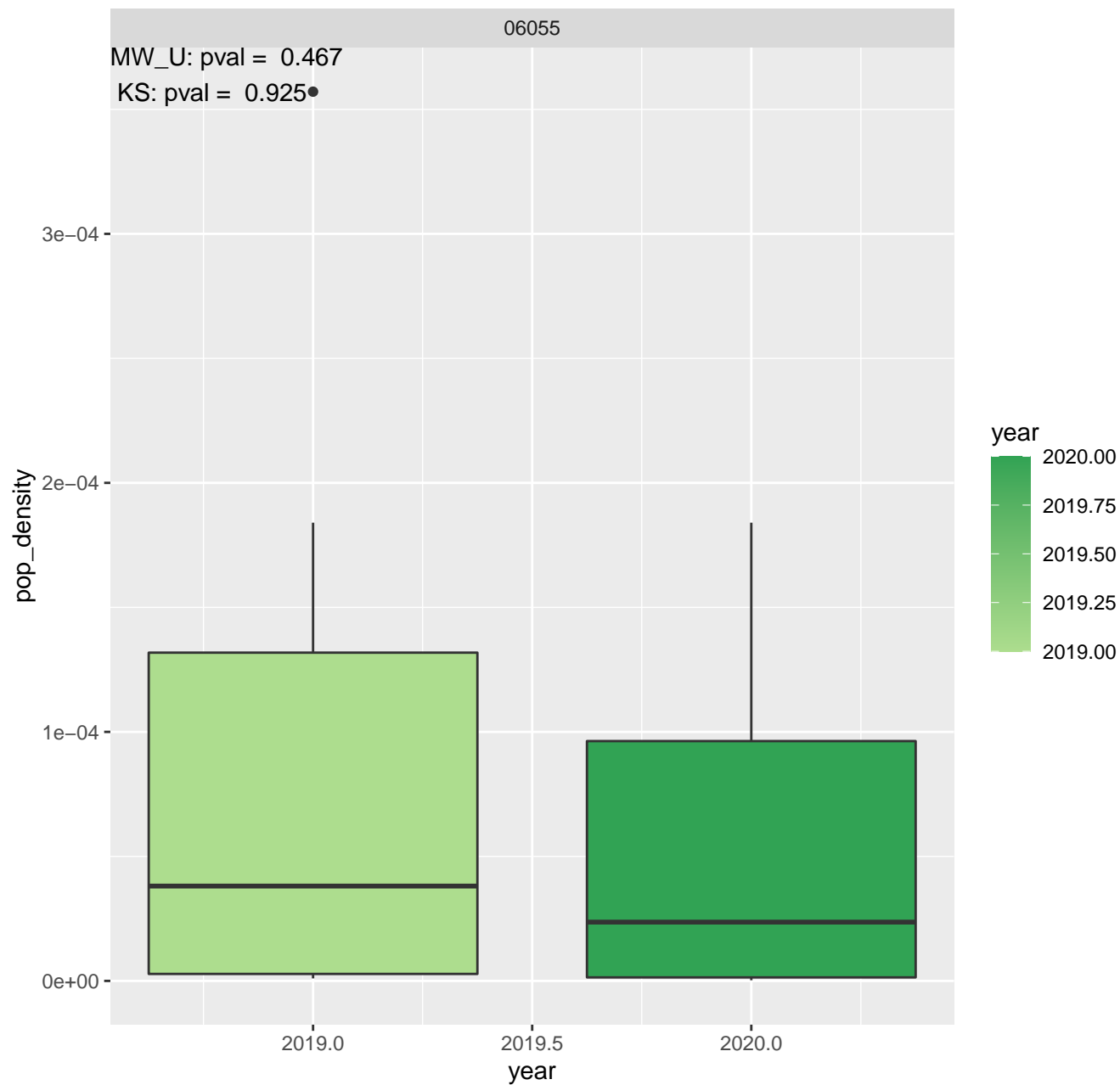
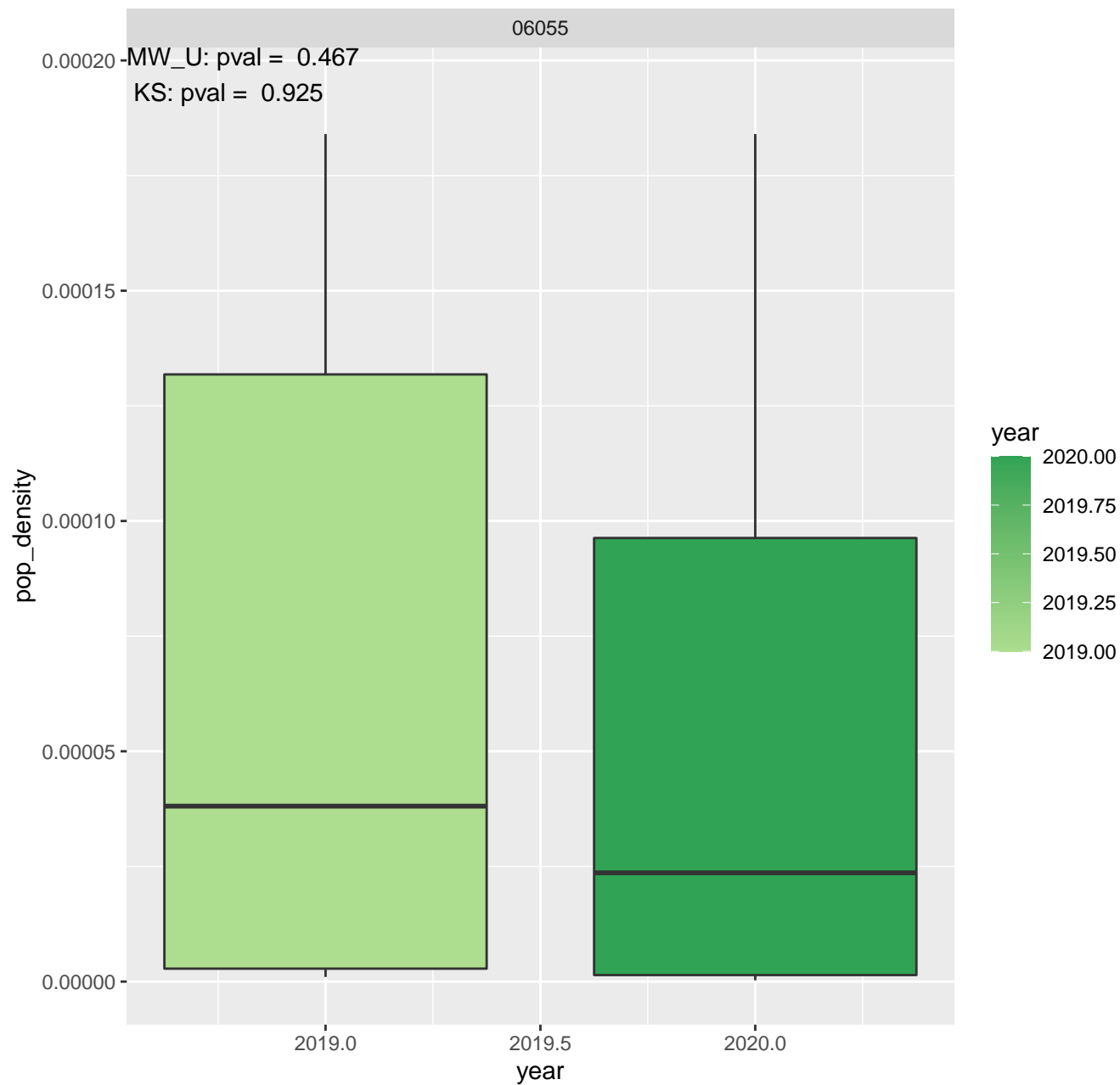Napa Distribution of top 15 CBGs

Napa Distribution of top 15 CBGs

Napa Distribution of Pop Density Top 15 MI (all incl outliers)
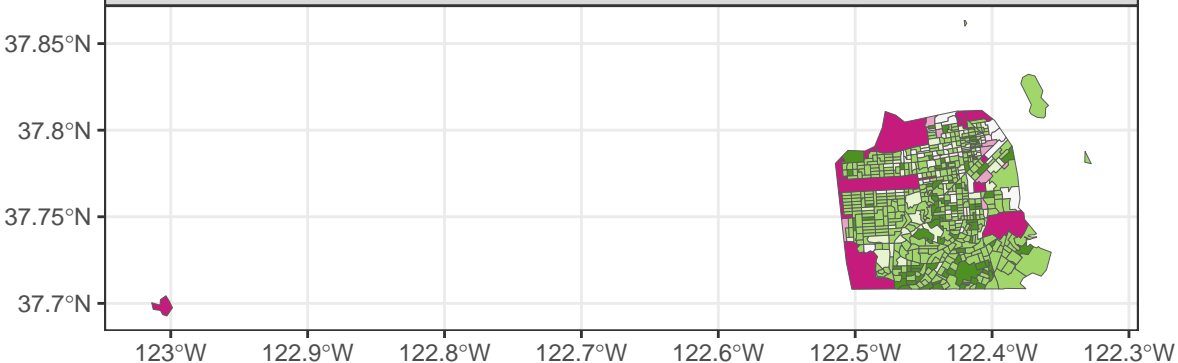
Napa Distribution of Pop Density Top 15 MI (no outliers)
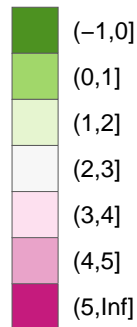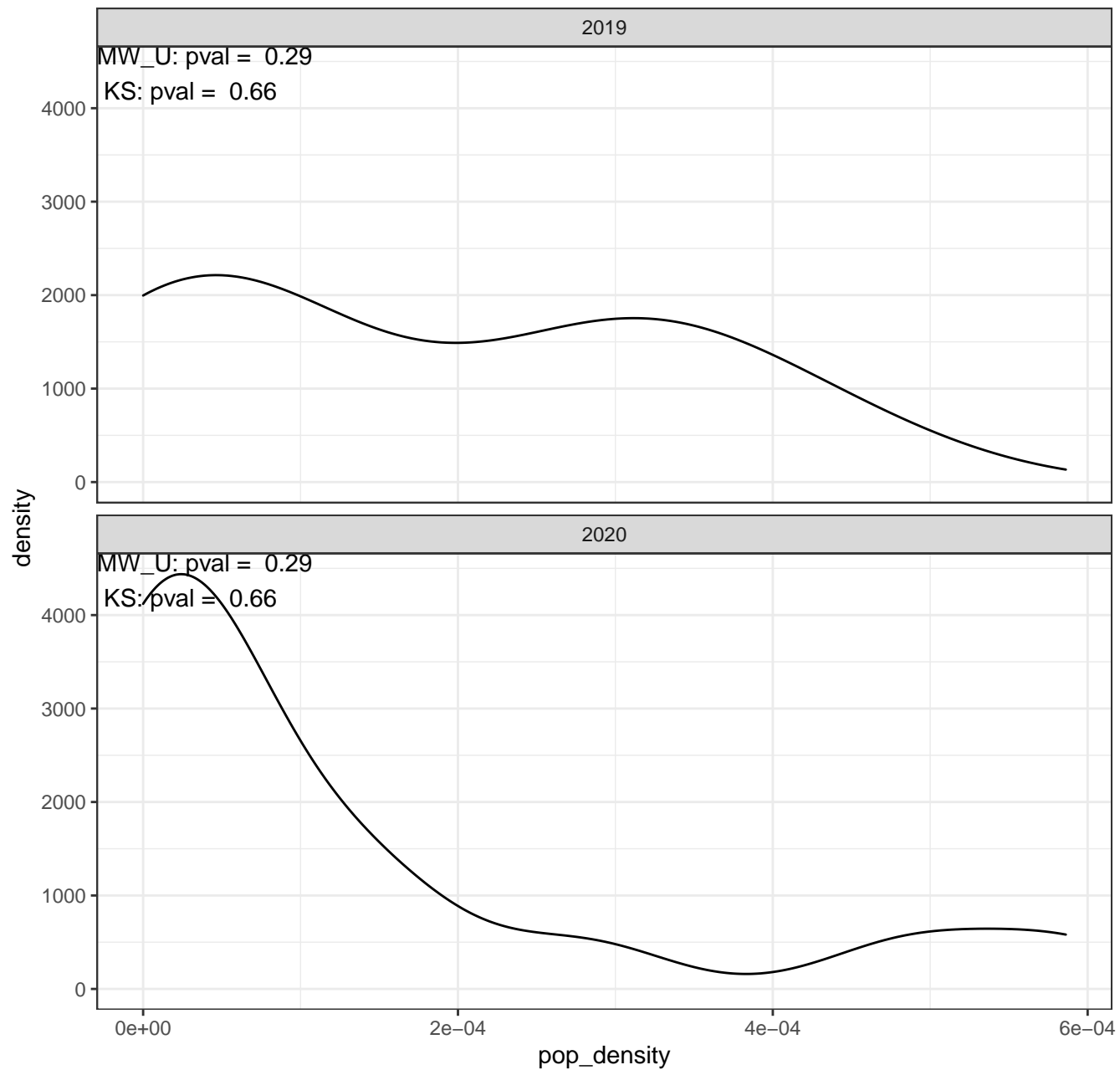
San Francisco Summer Mobility Over 34 Degrees
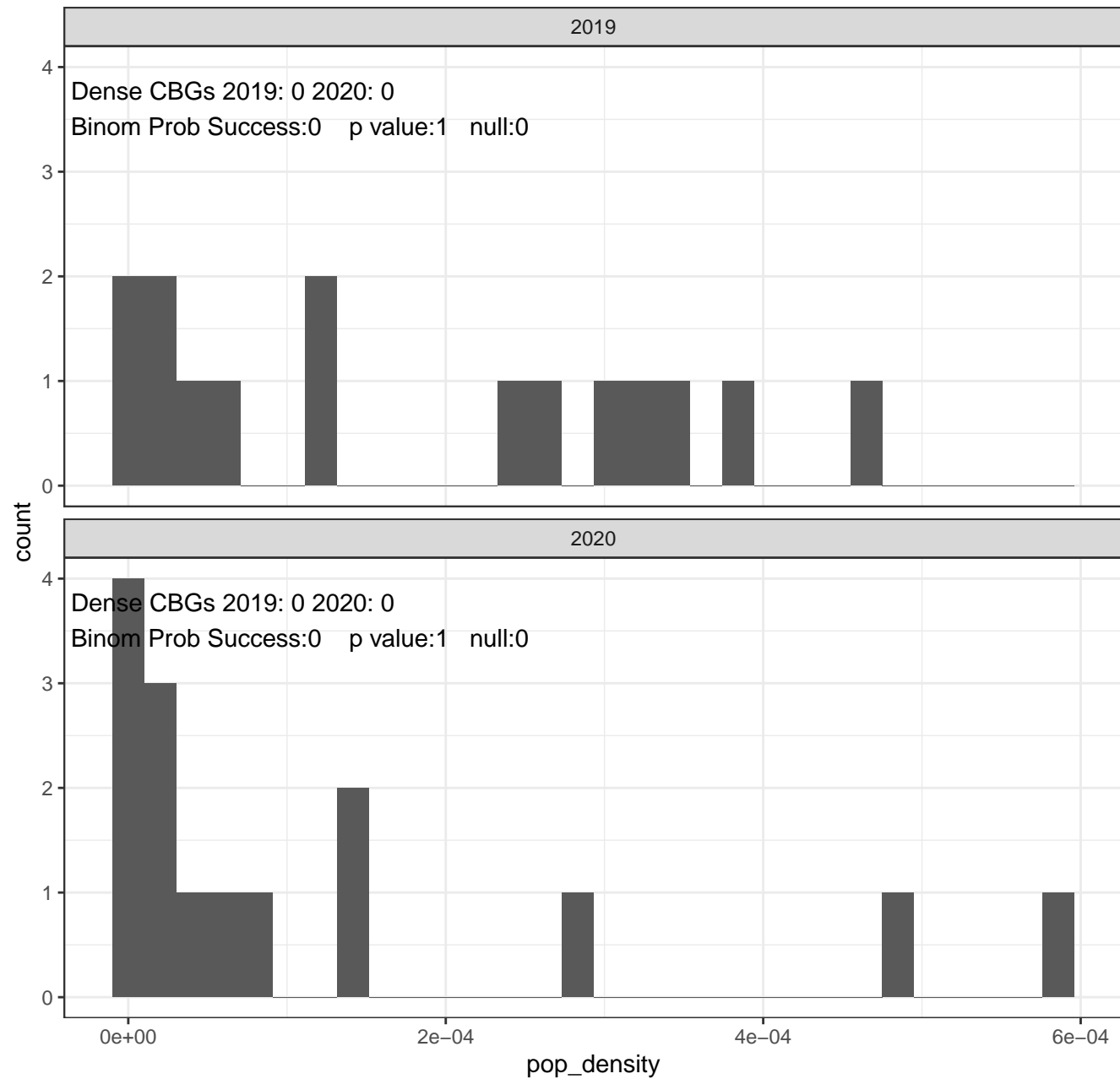
San Francisco Summer Mobility Over 34 Degrees & MI > 3

San Francisco Distribution of top 15 CBGs

San Francisco Distribution of top 15 CBGs

2019

Dense CBGs 2019: 0 2020: 0
Binom Prob Success:0   p value:1   null:0

2020

Dense CBGs 2019: 0 2020: 0
Binom Prob Success:0   p value:1   null:0

count

pop_density

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

San Francisco Distribution of Pop Density Top 15 MI (no outliers)

San Mateo Summer Mobility Over 34 Degrees

San Mateo Summer Mobility Over 34 Degrees & MI > 3
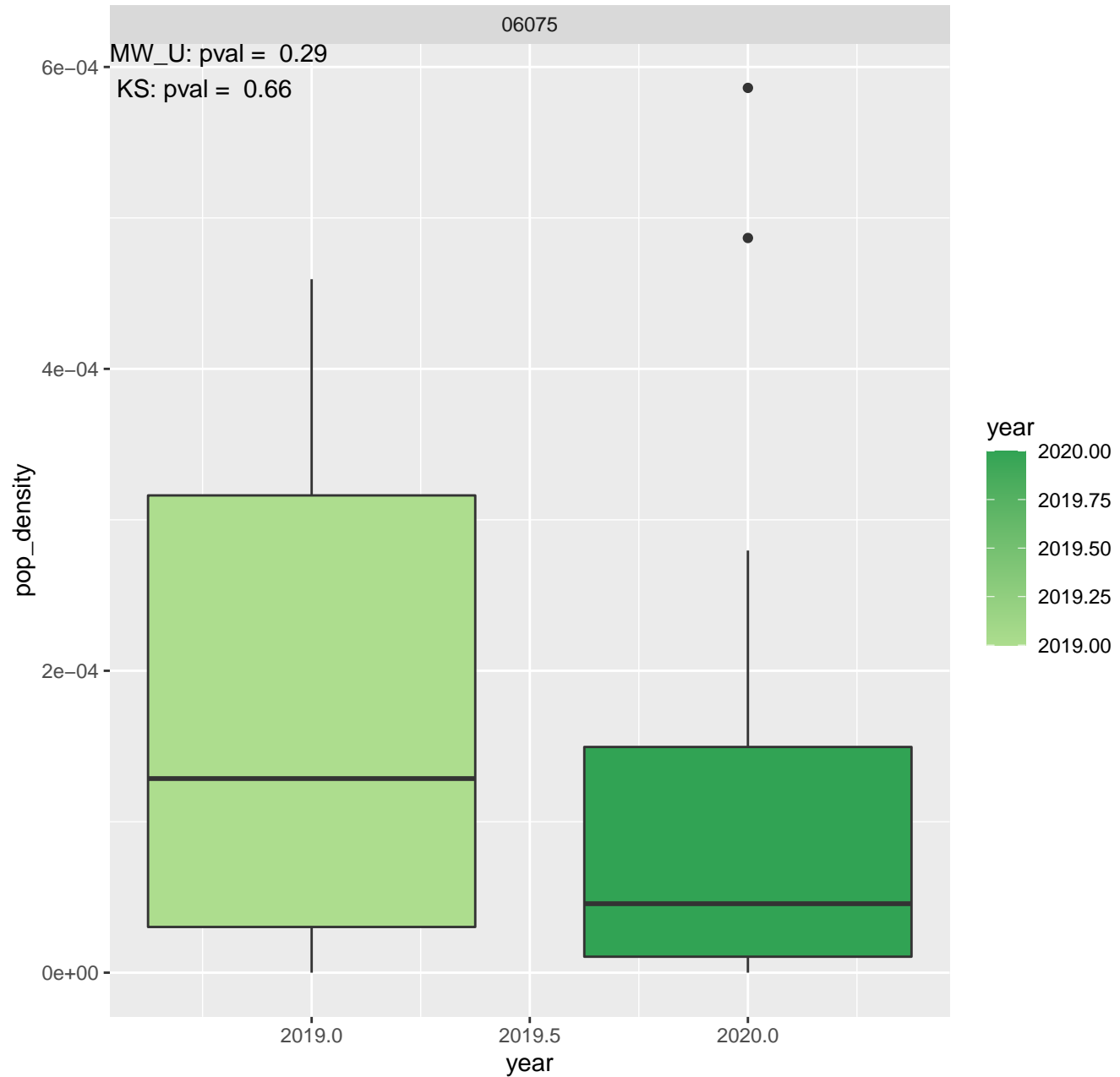
San Mateo Distribution of top 15 CBGs
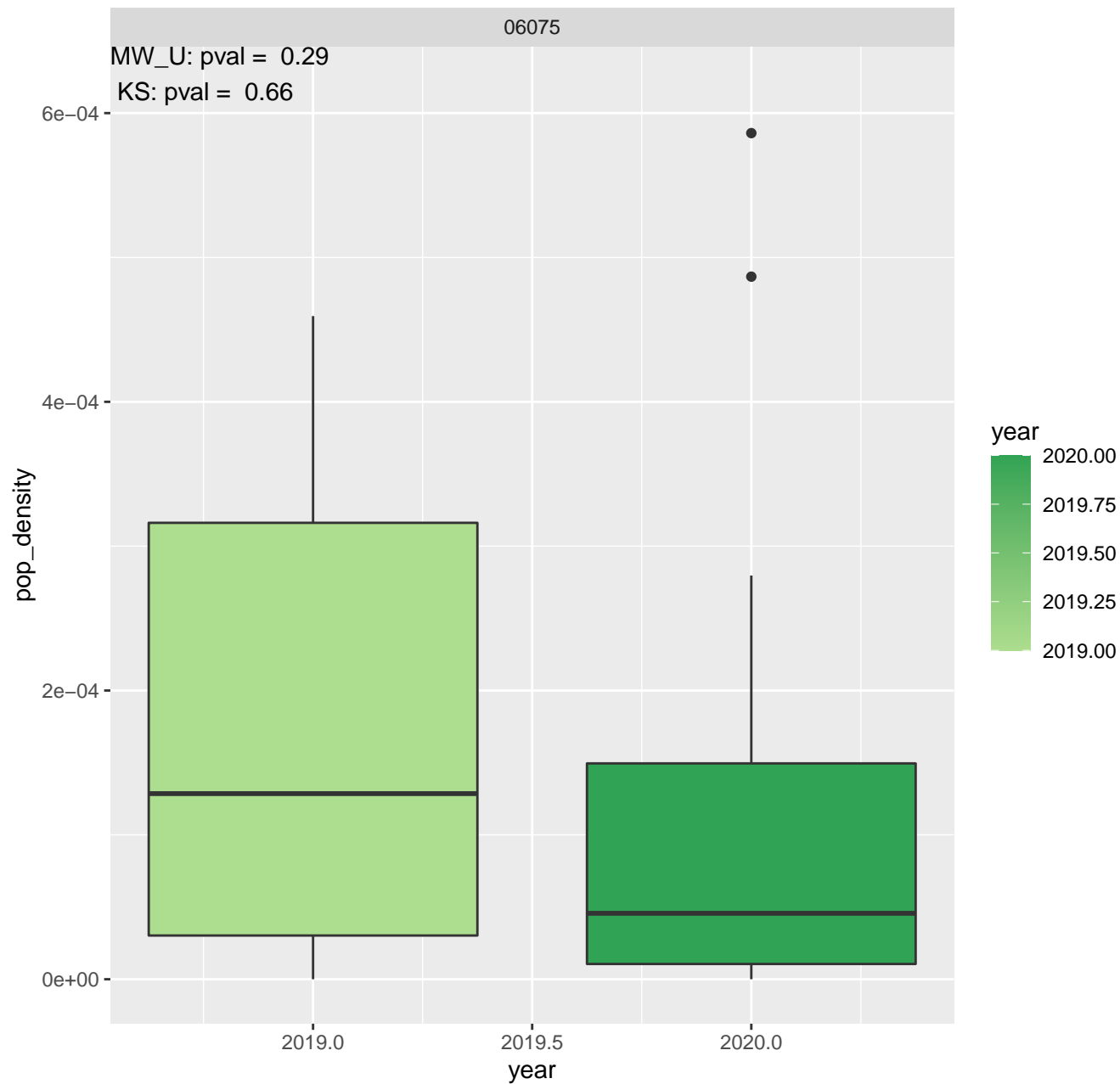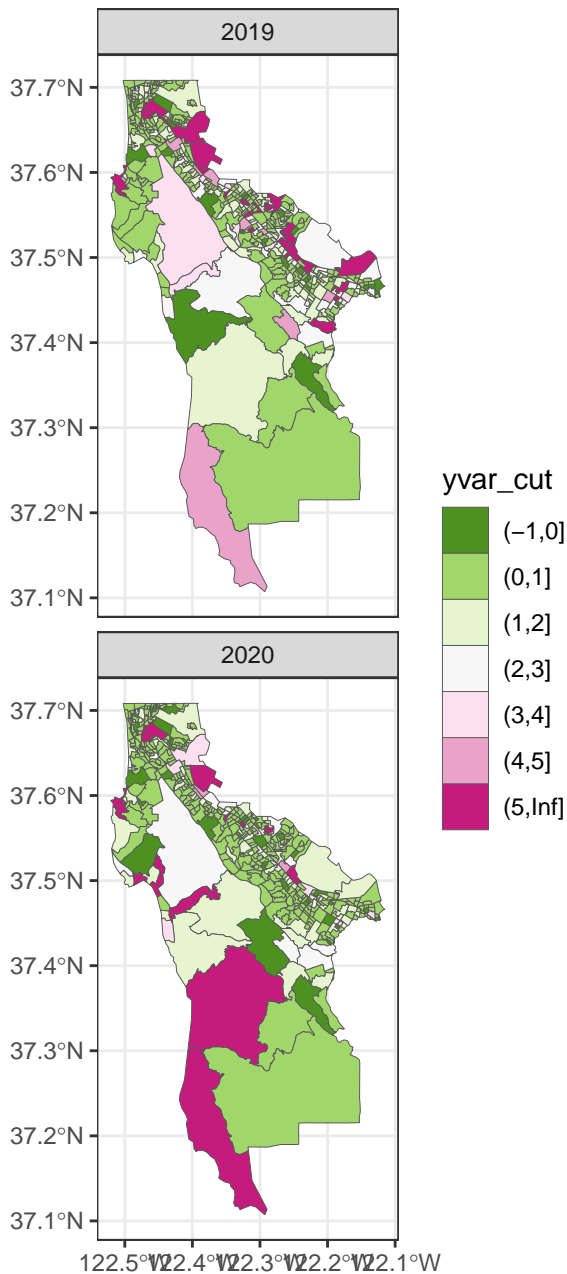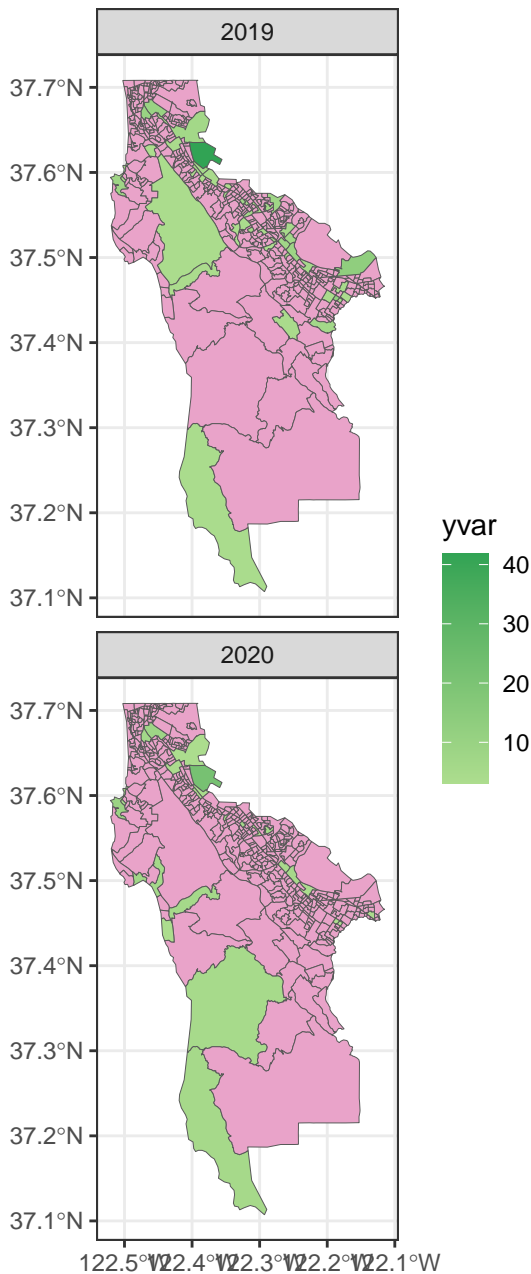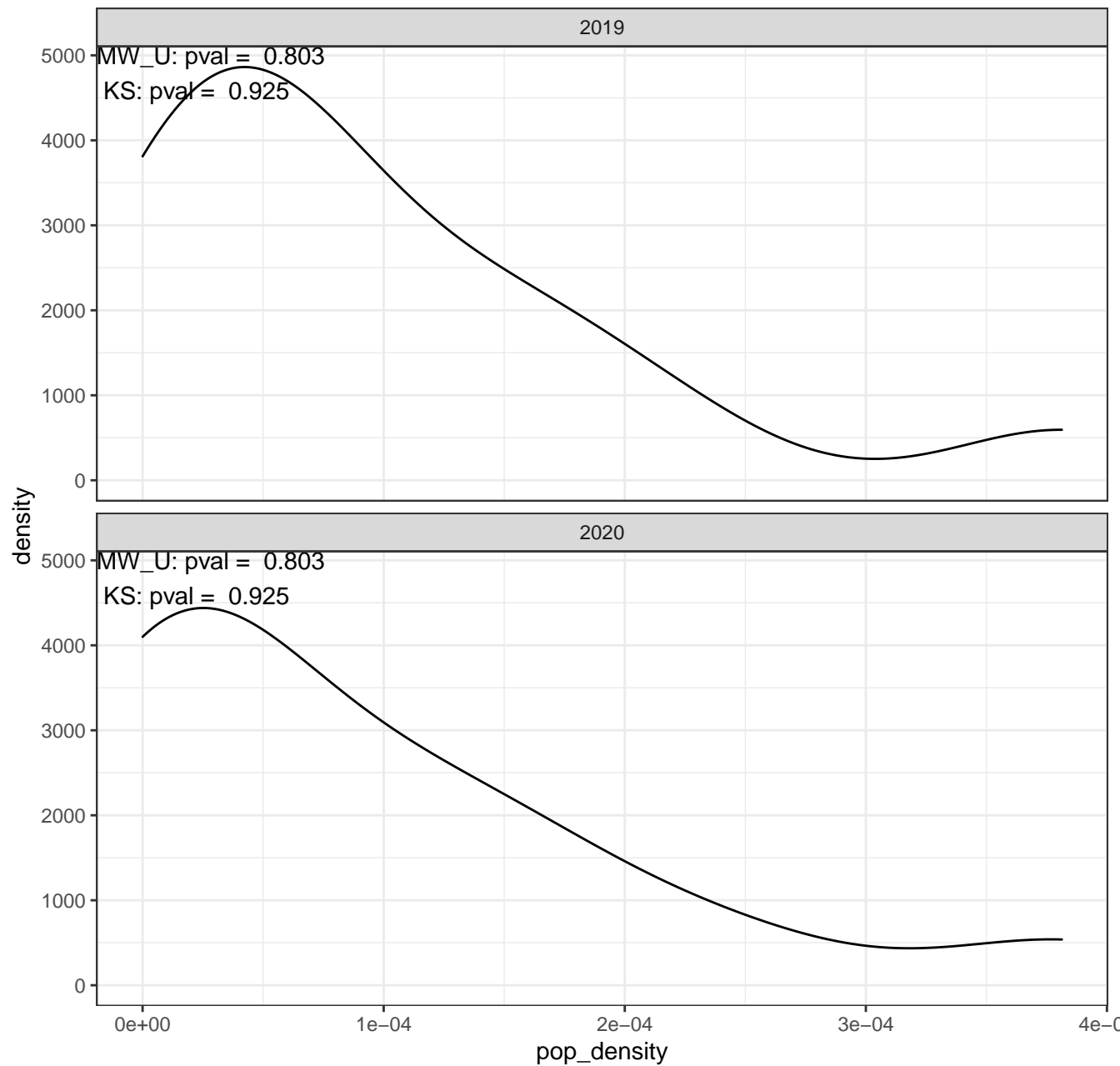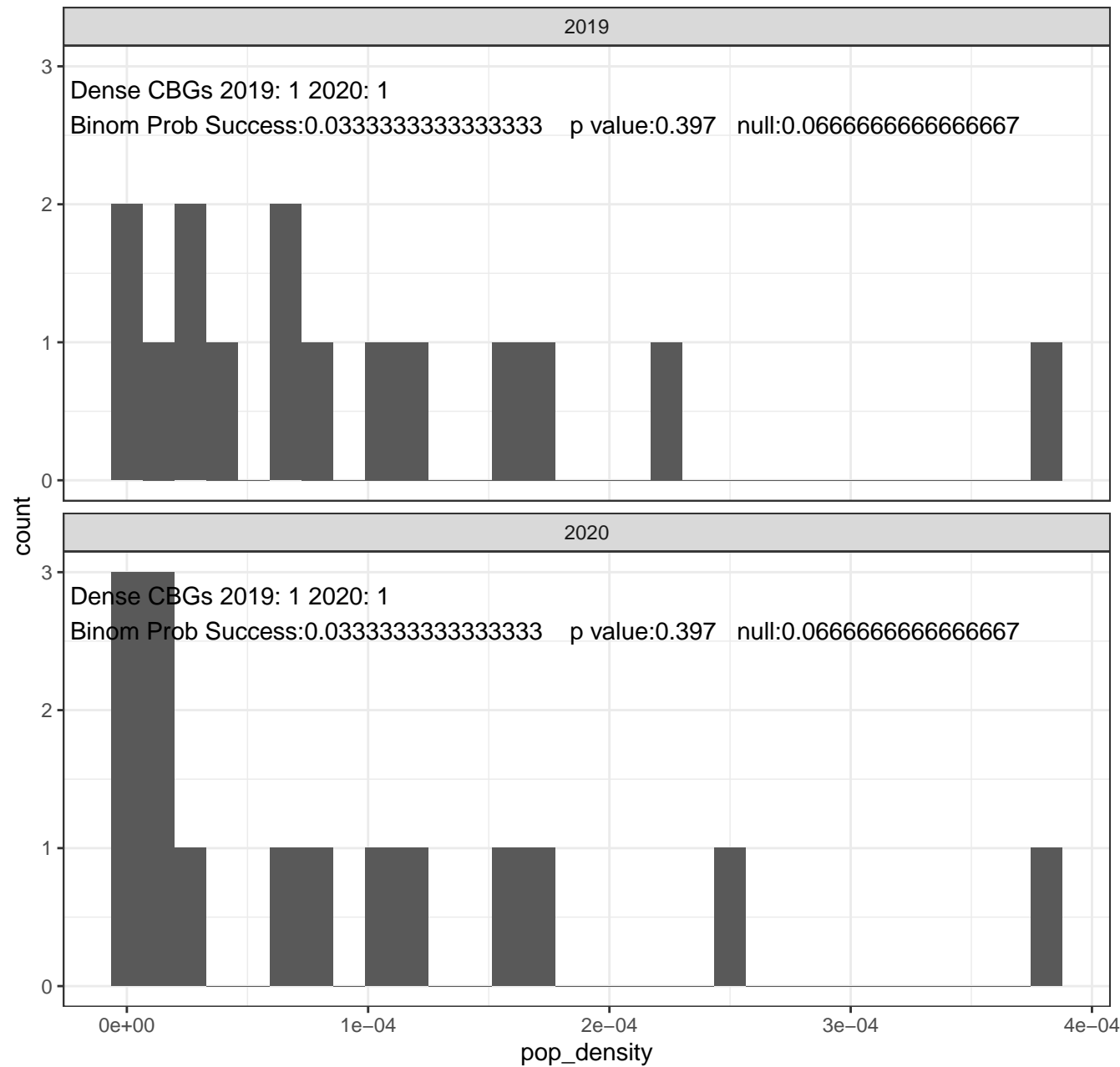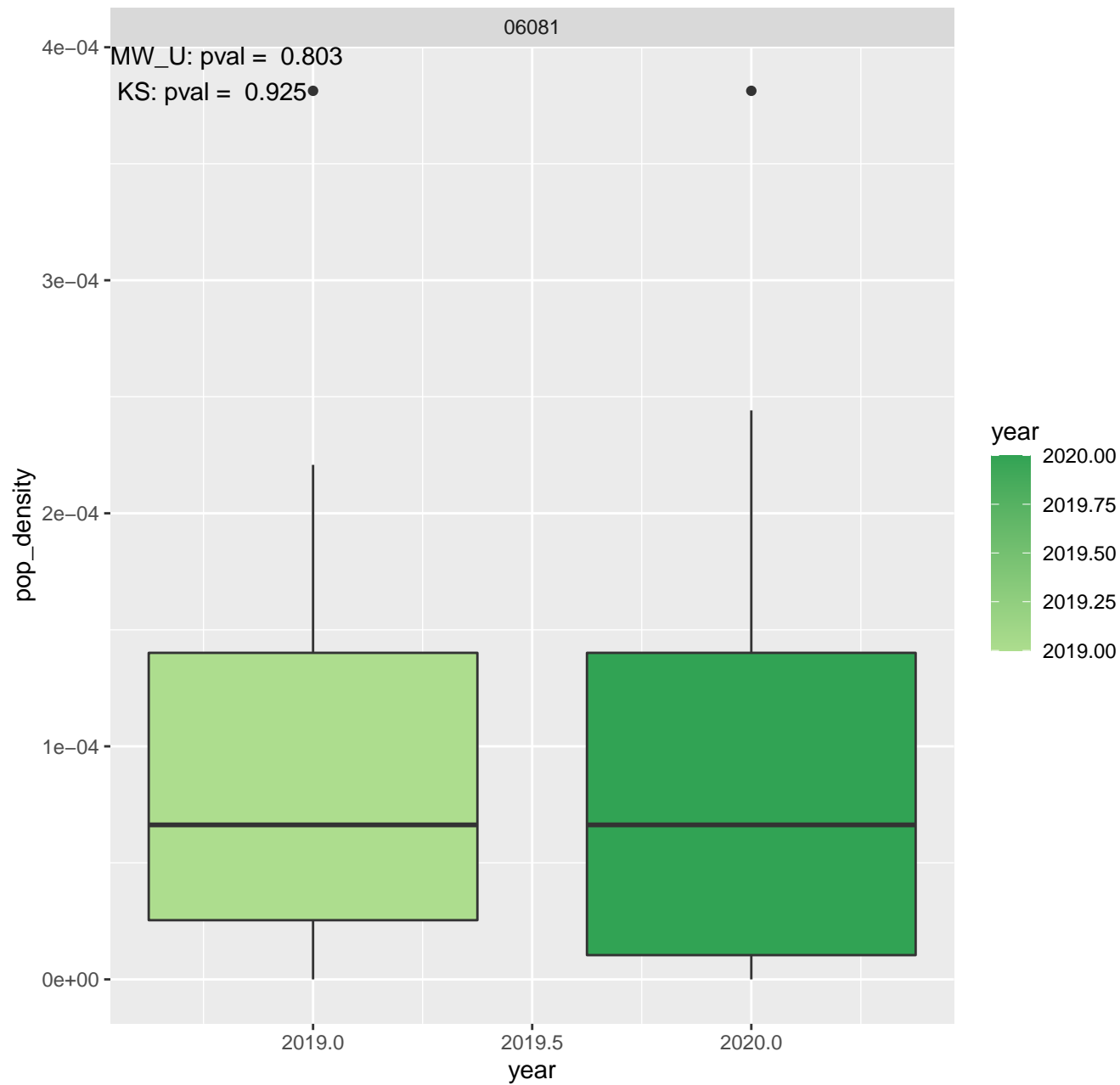
San Mateo Distribution of top 15 CBGs

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

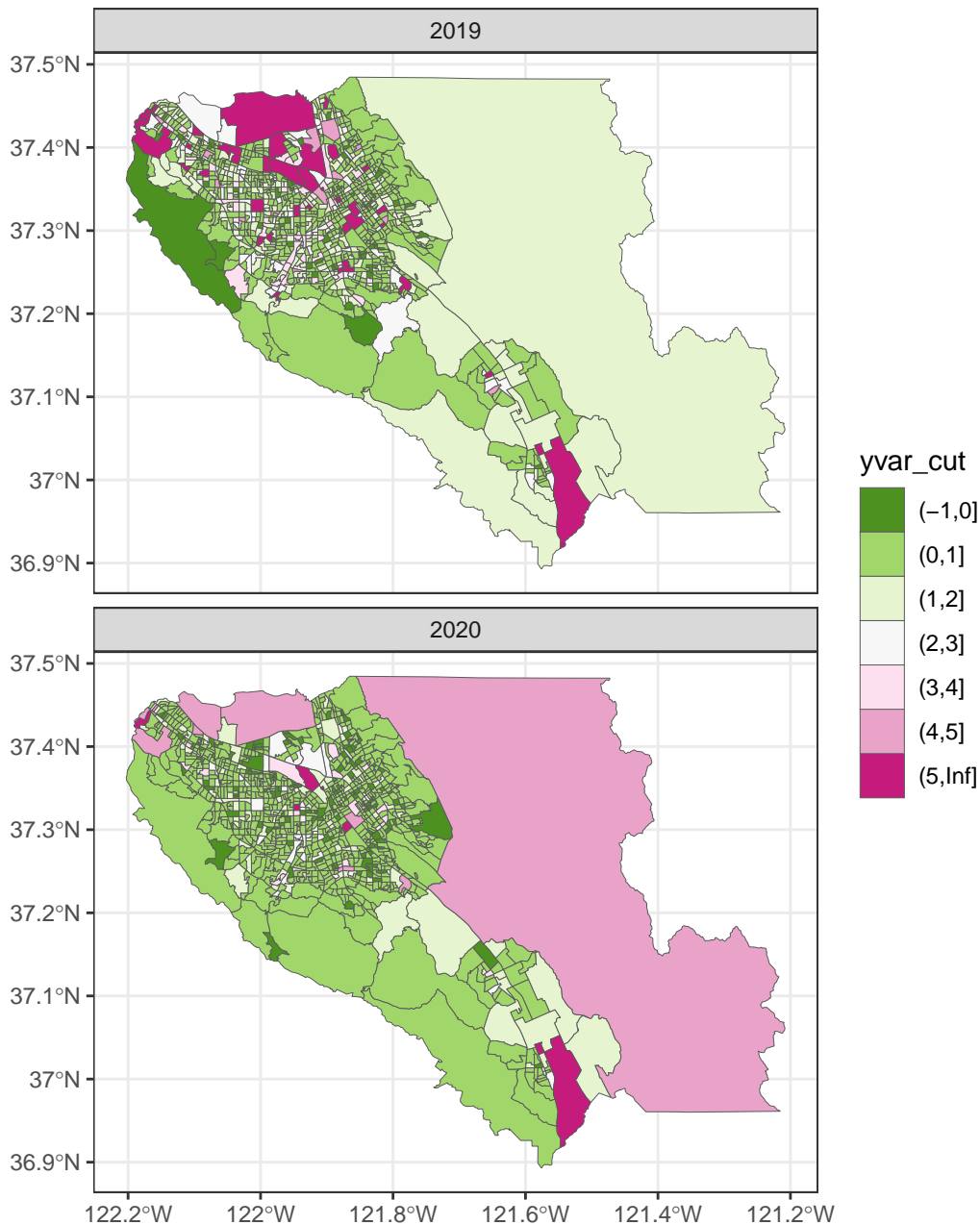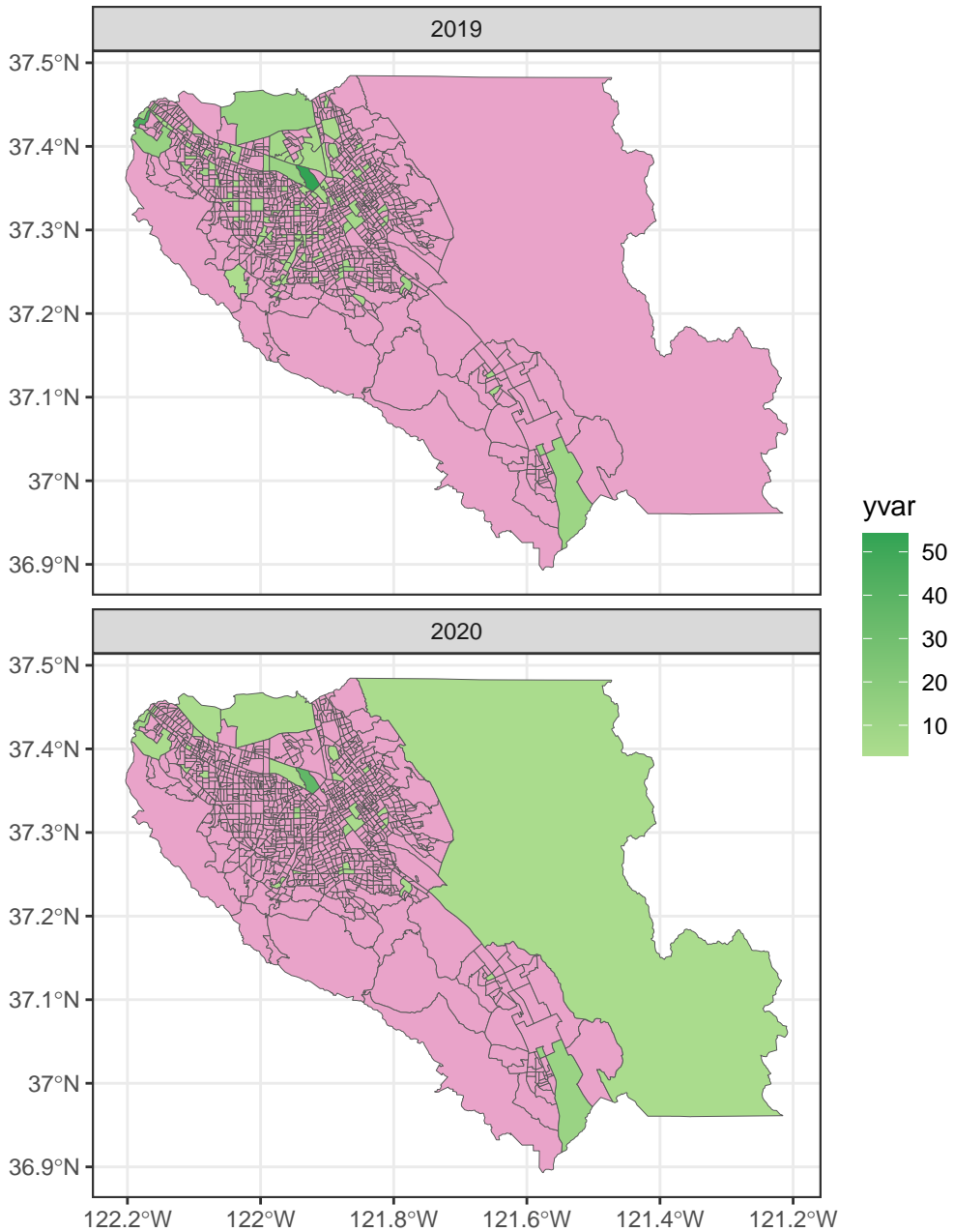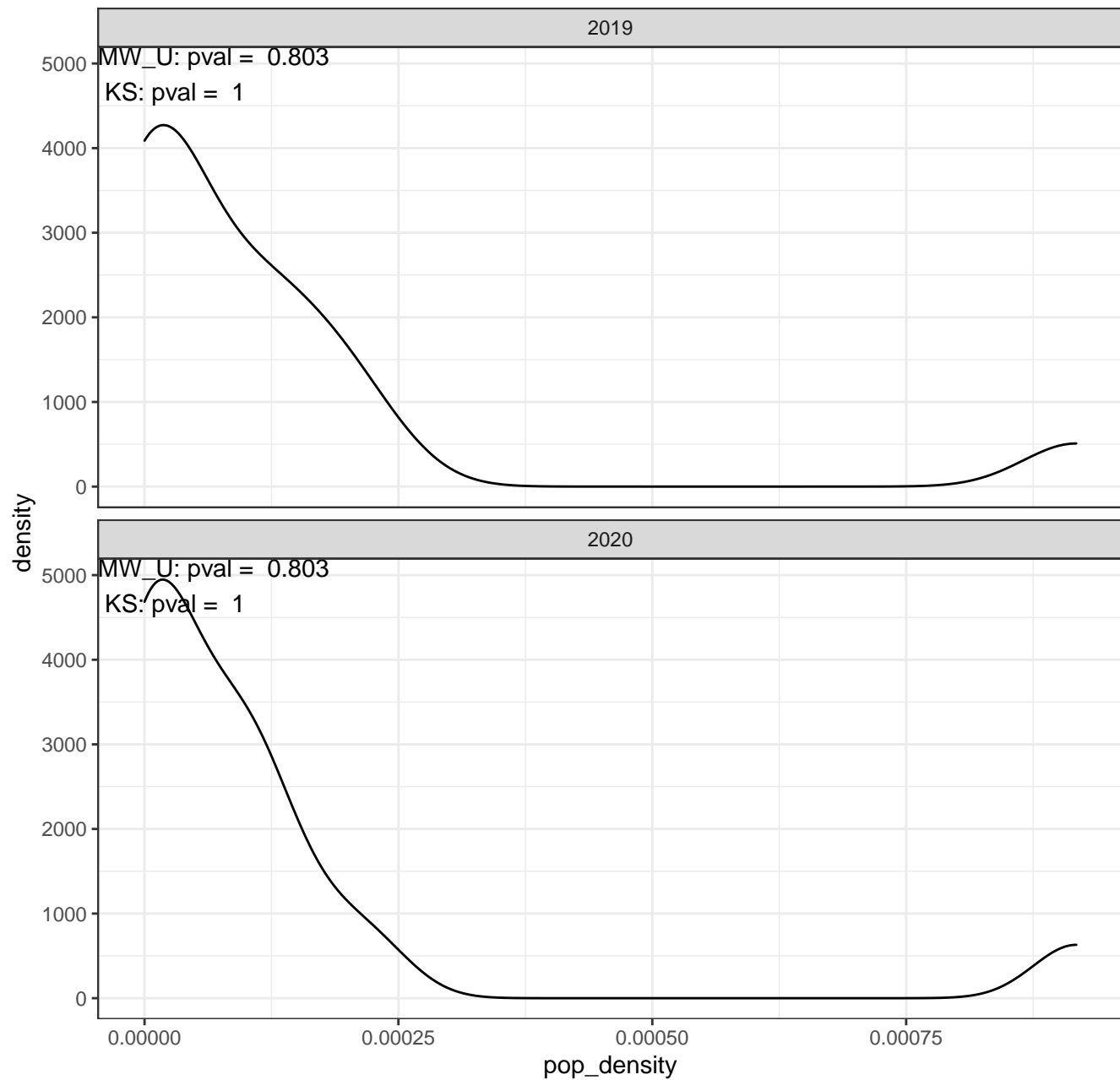San Mateo Distribution of Pop Density Top 15 MI (no outliers)
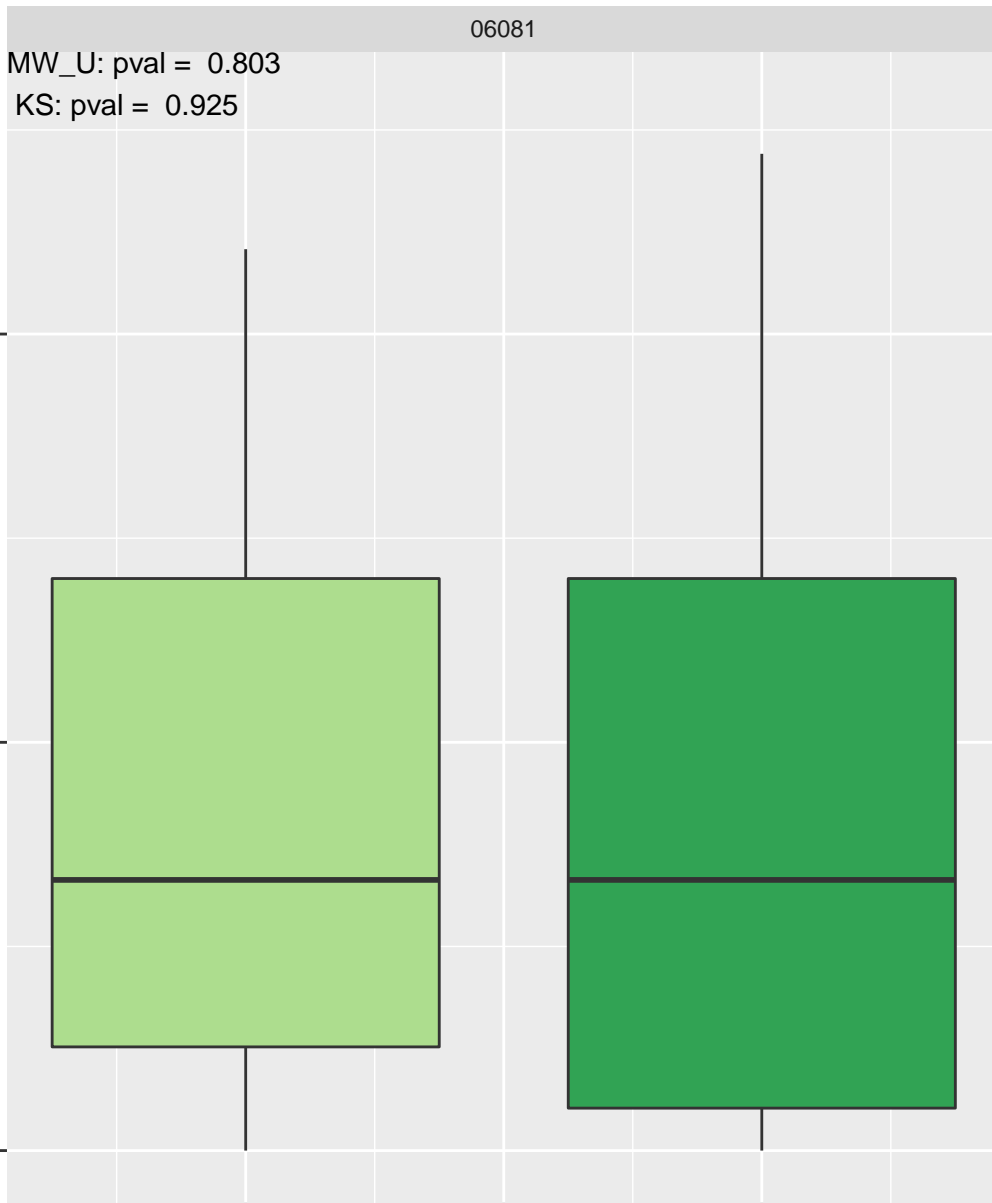
Santa Clara Summer Mobility Over 34 Degrees

Santa Clara Summer Mobility Over 34 Degrees & MI > 3

Santa Clara Distribution of top 15 CBGs

Santa Clara Distribution of top 15 CBGs

2019

Dense CBGs 2019: 1 2020: 1
Binom Prob Success:0.0333333333333333   p value:0.397   null:0.0666666666666667

2020

Dense CBGs 2019: 1 2020: 1
Binom Prob Success:0.0333333333333333   p value:0.397   null:0.0666666666666667

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

Santa Clara Distribution of Pop Density Top 15 MI (no outliers)

Santa Cruz Summer Mobility Over 34 Degrees

Santa Cruz Summer Mobility Over 34 Degrees & MI > 3
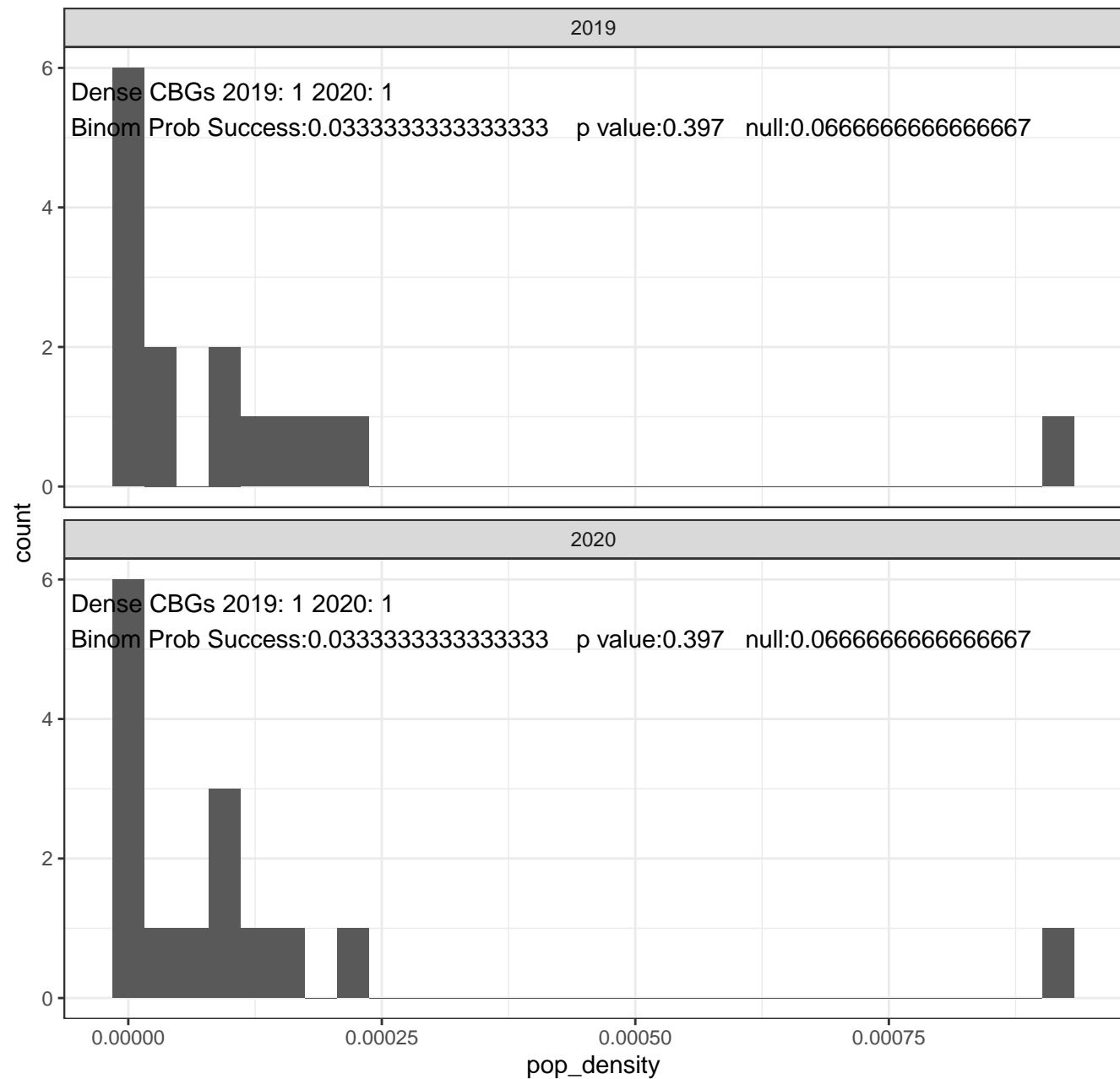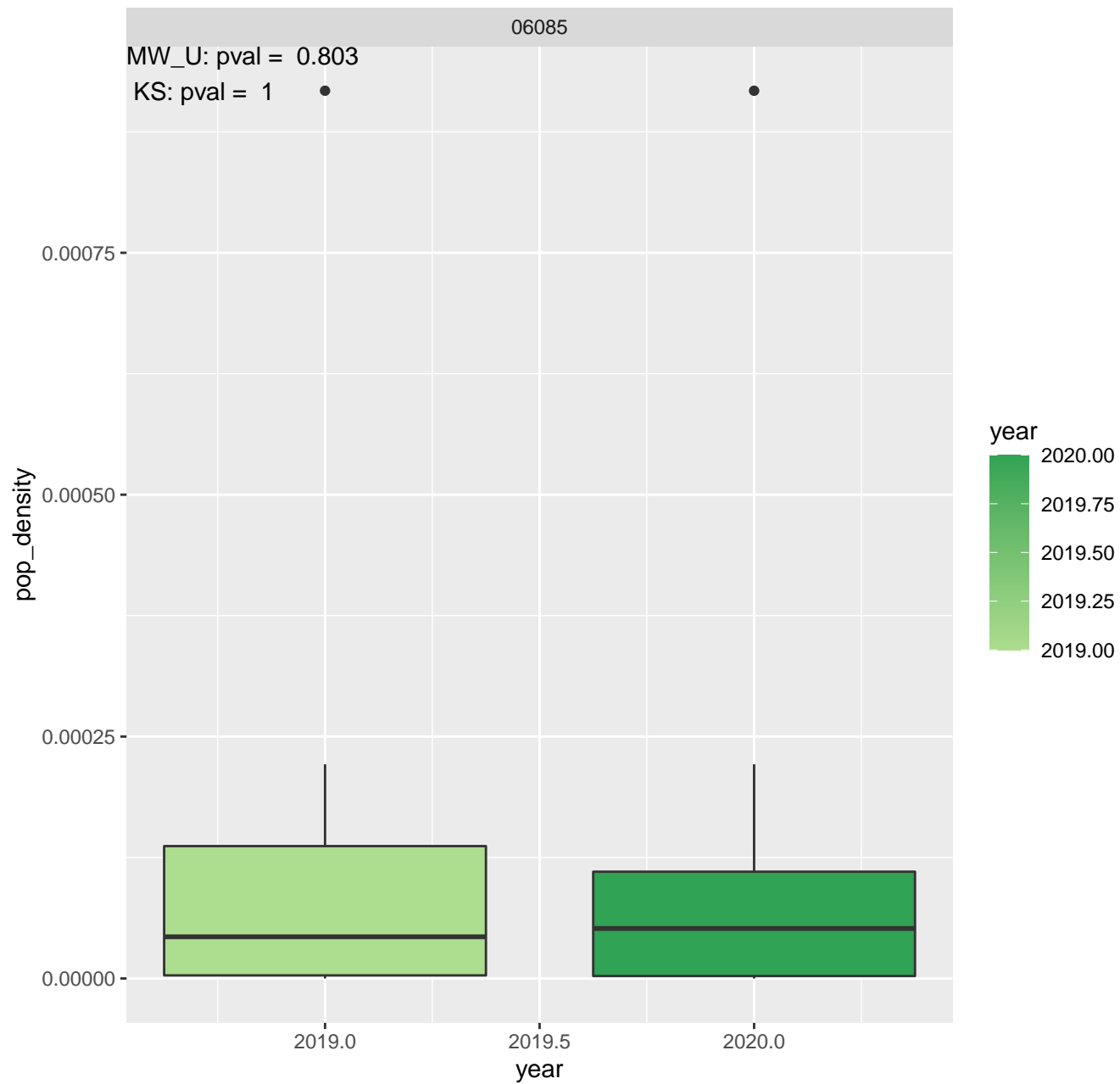
Santa Cruz Distribution of top 15 CBGs
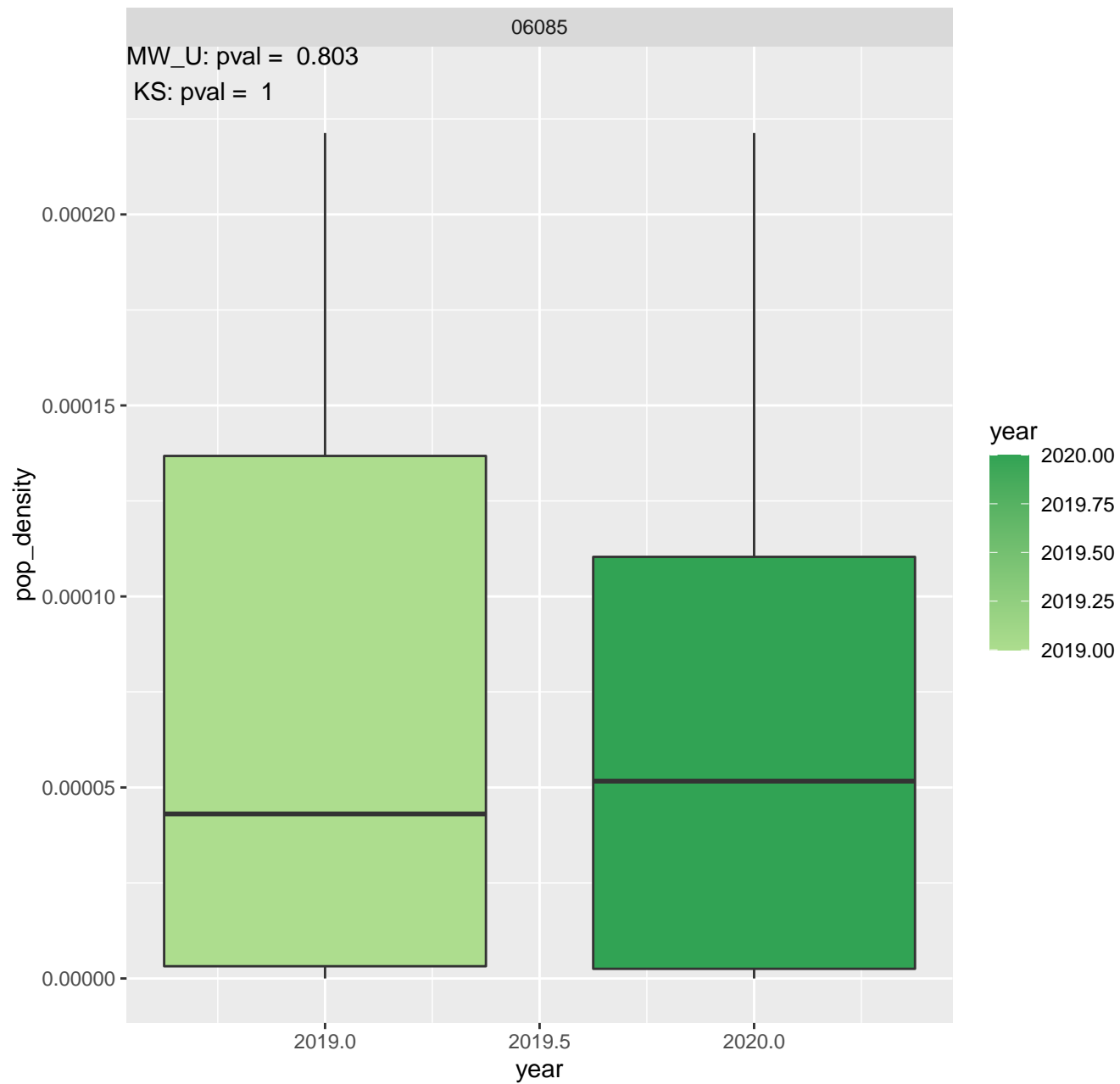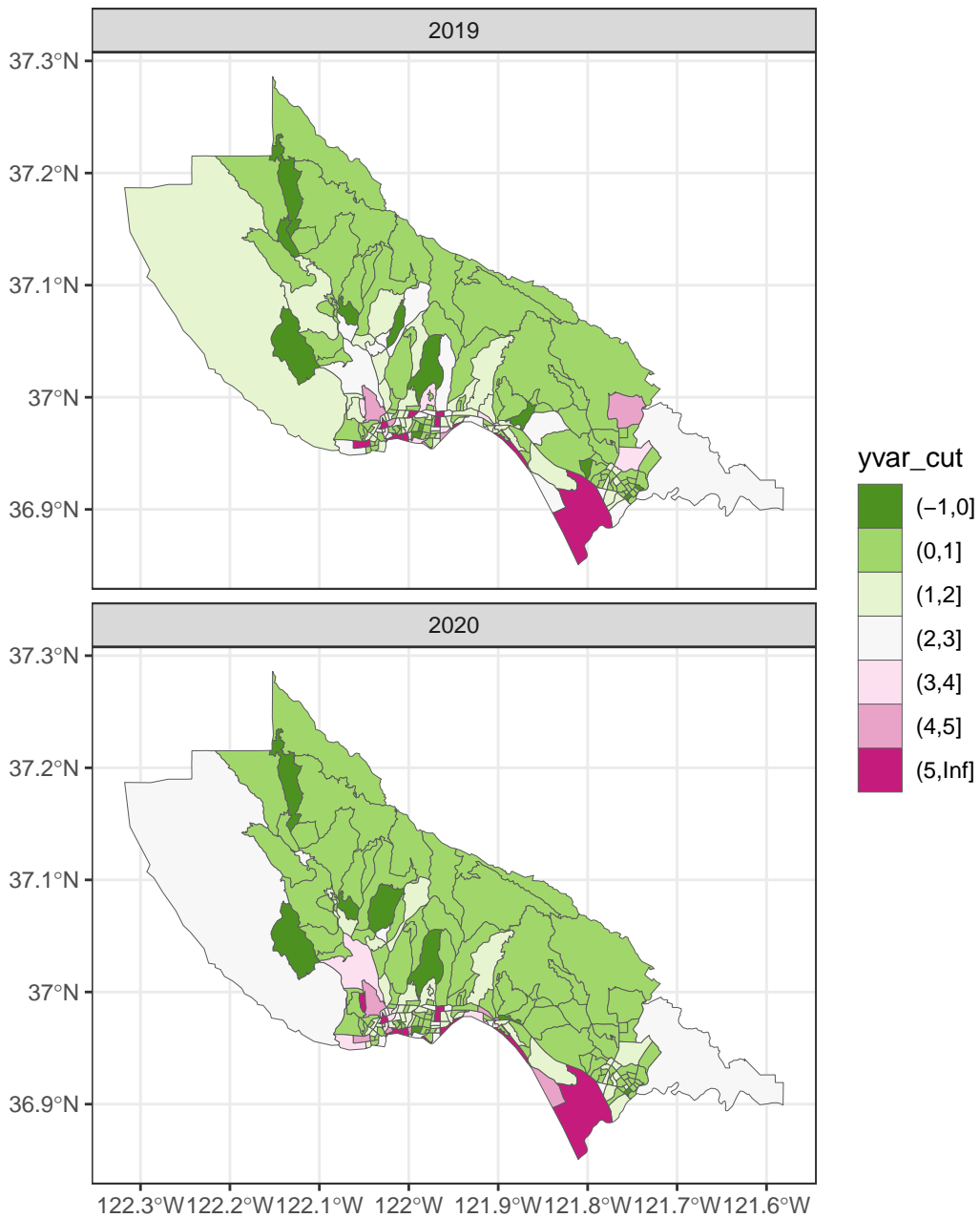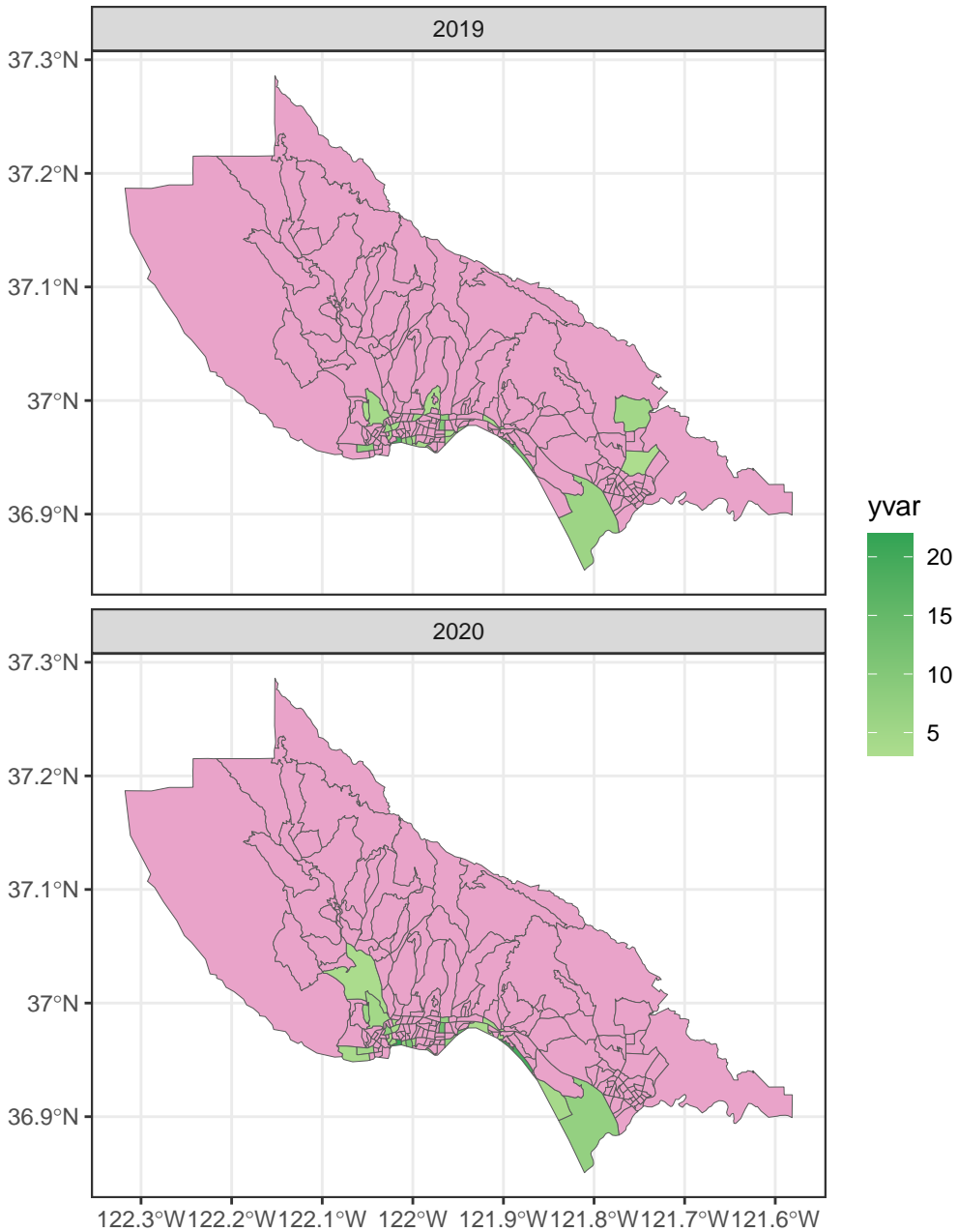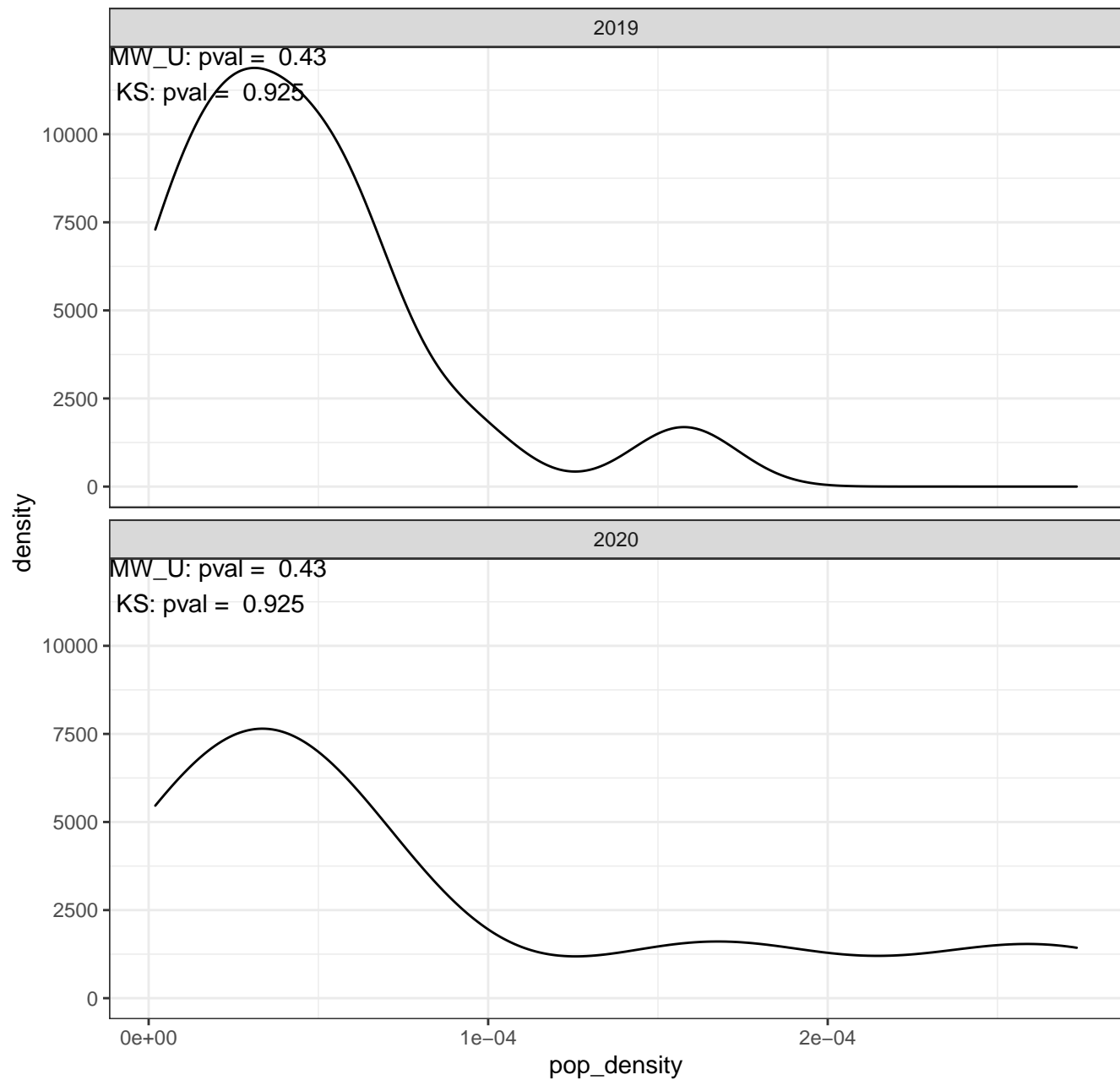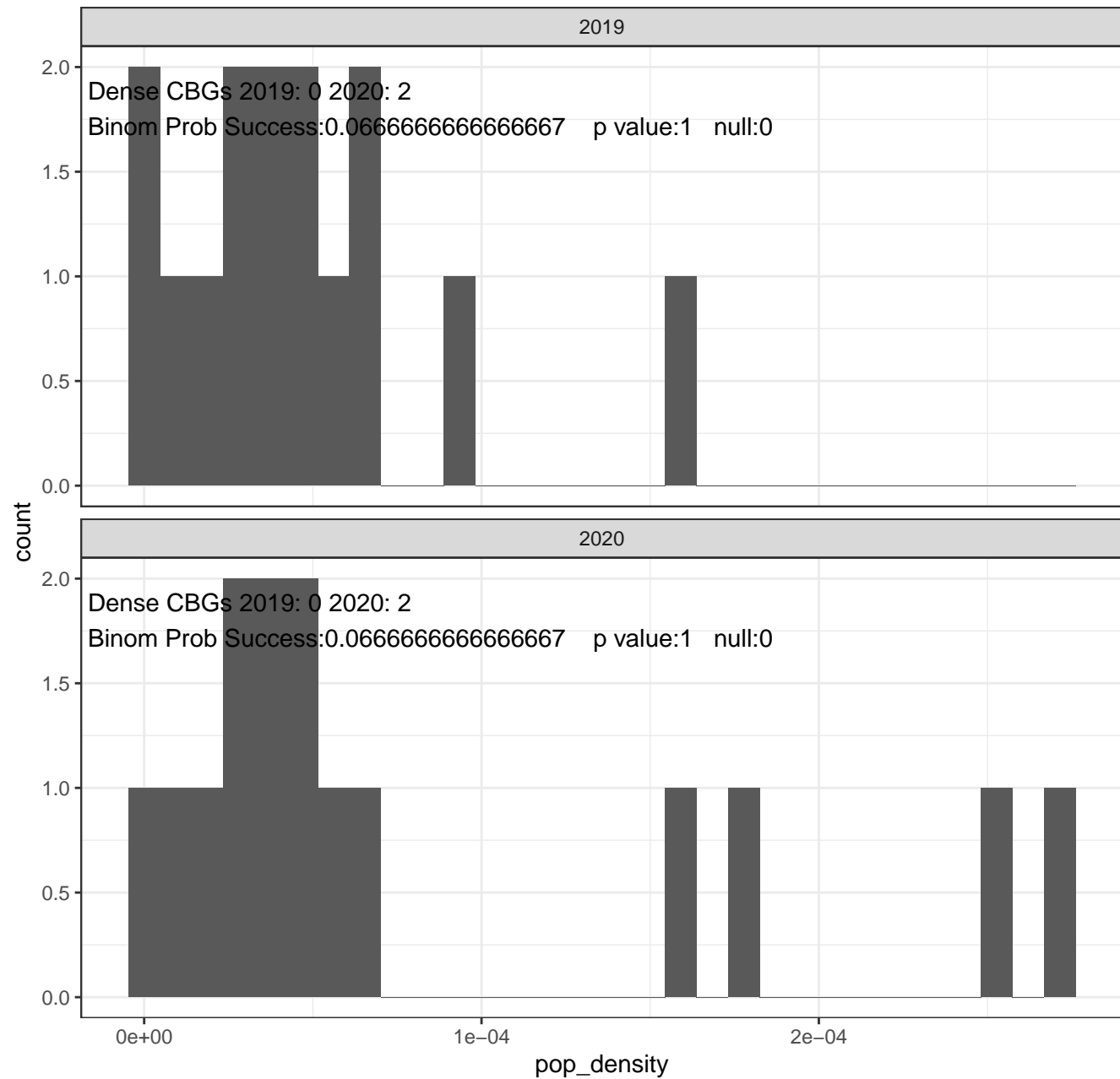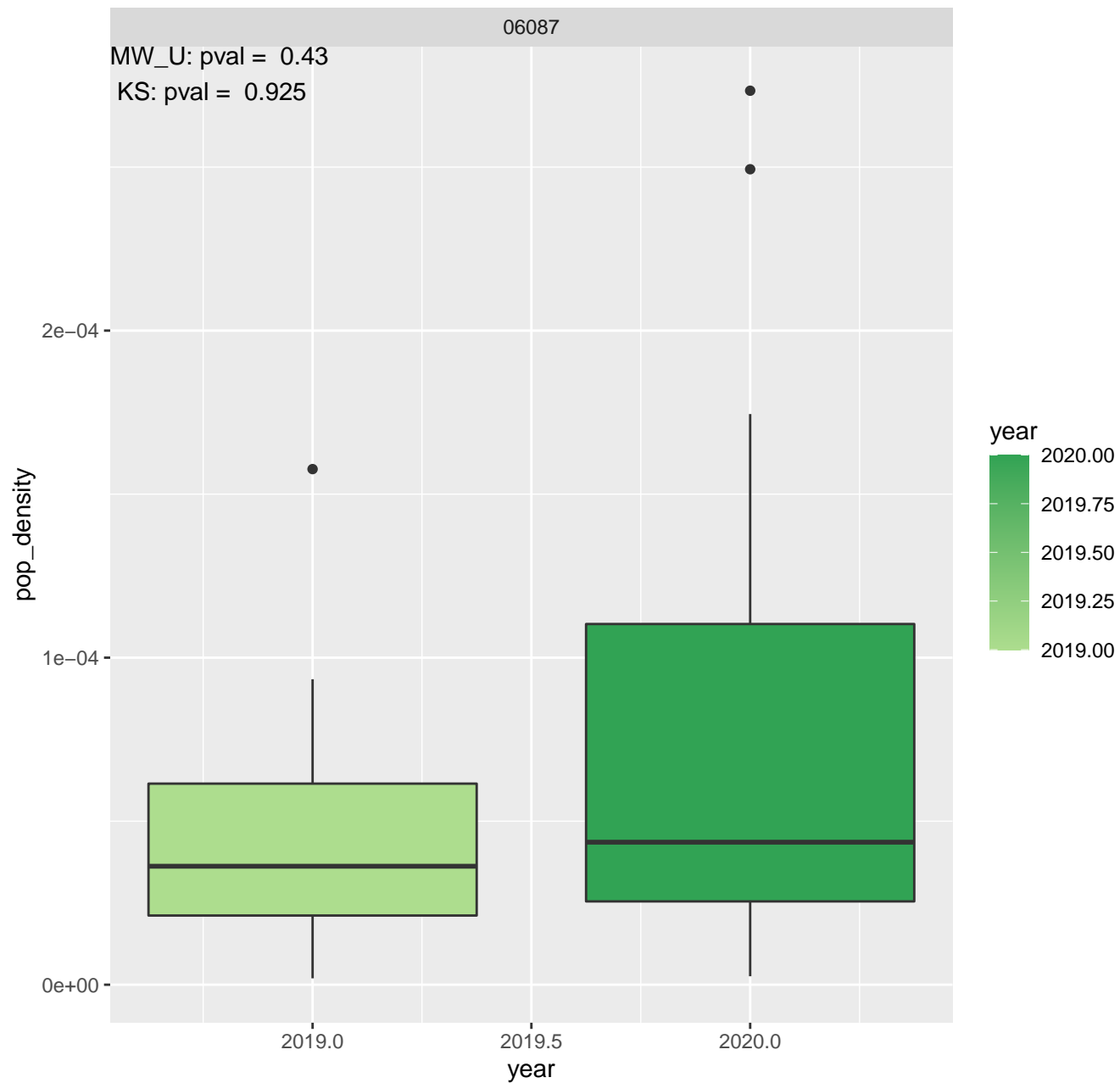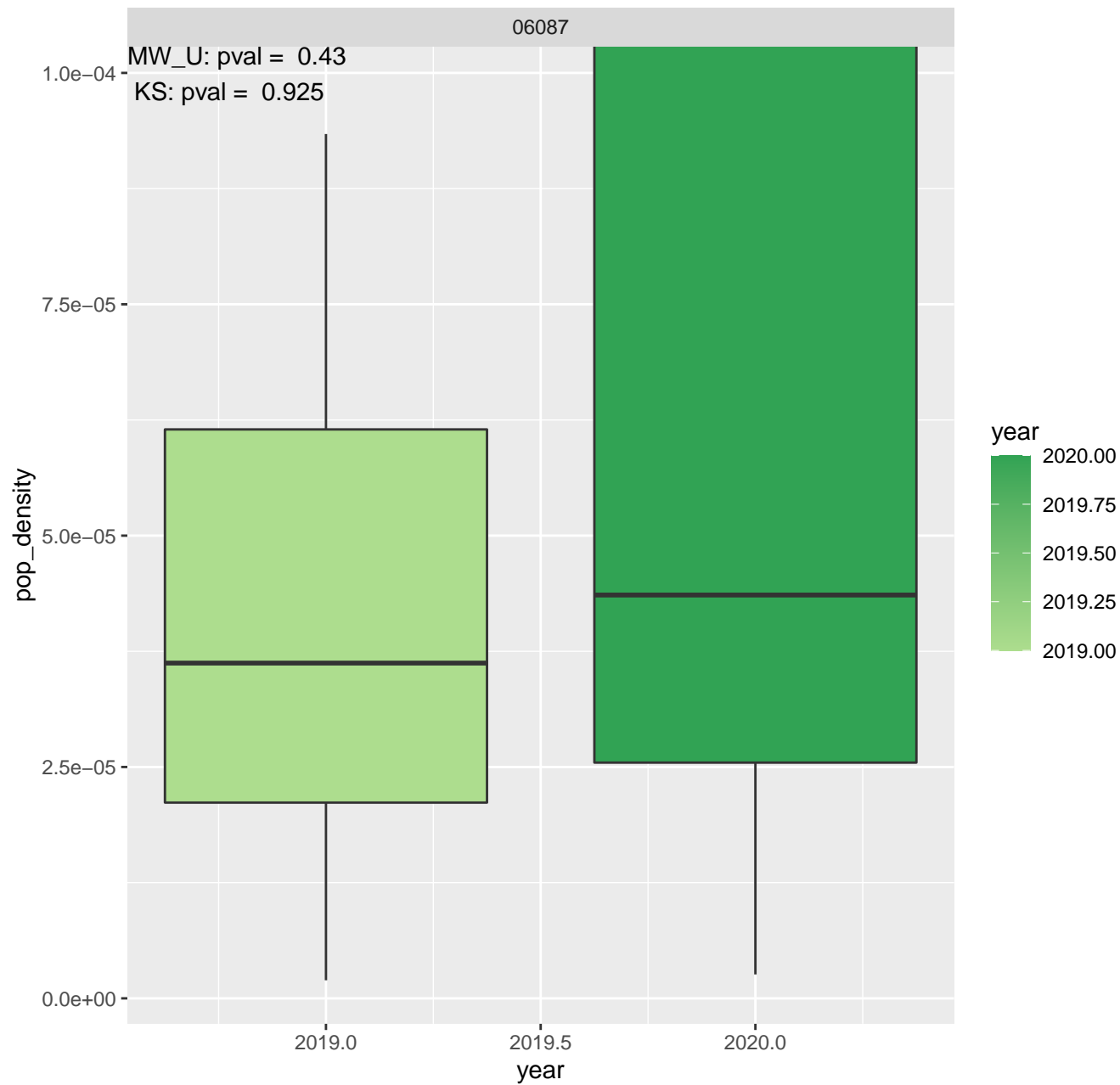
Santa Cruz Distribution of top 15 CBGs

Santa Cruz Distribution of Pop Density Top 15 MI (all incl outliers)
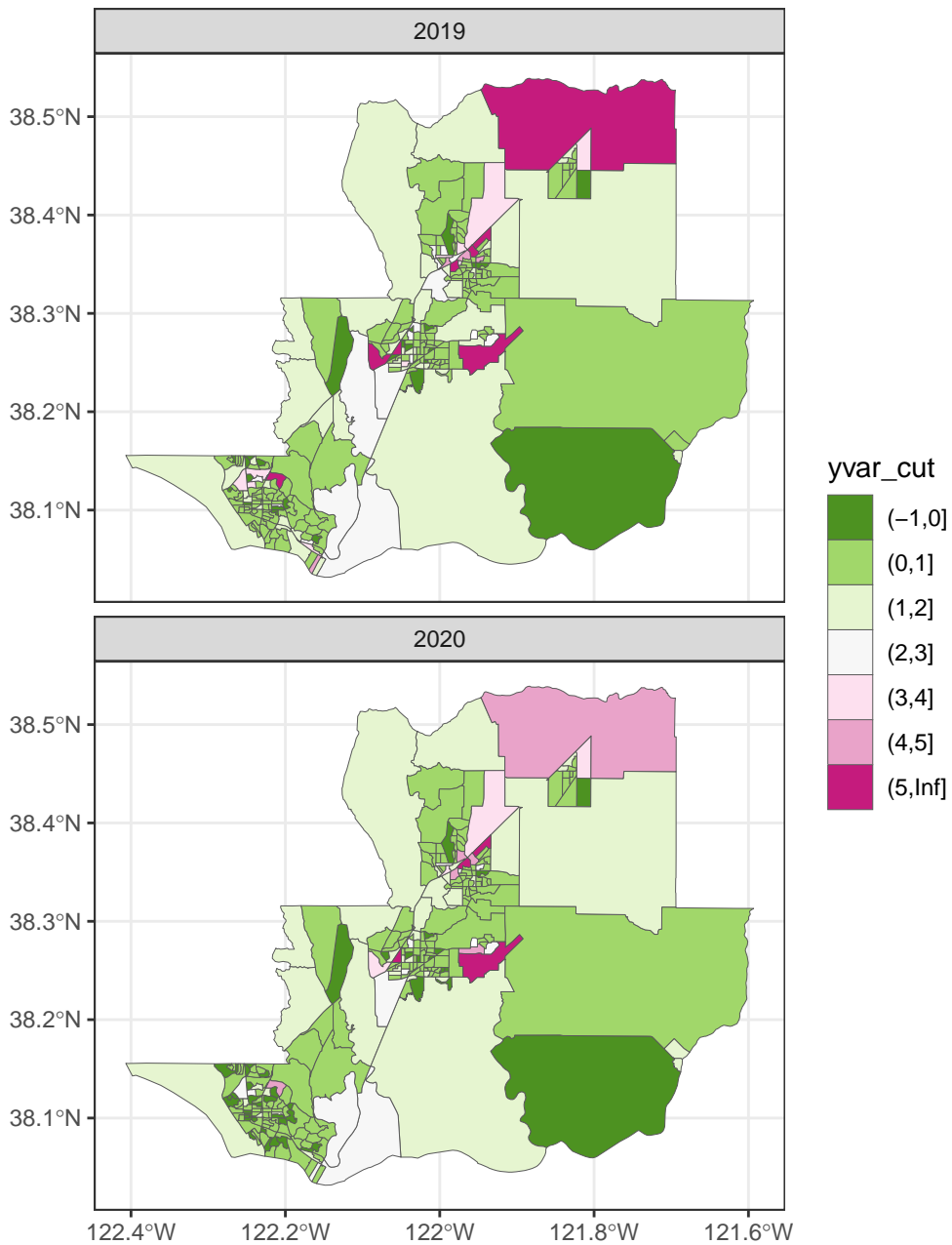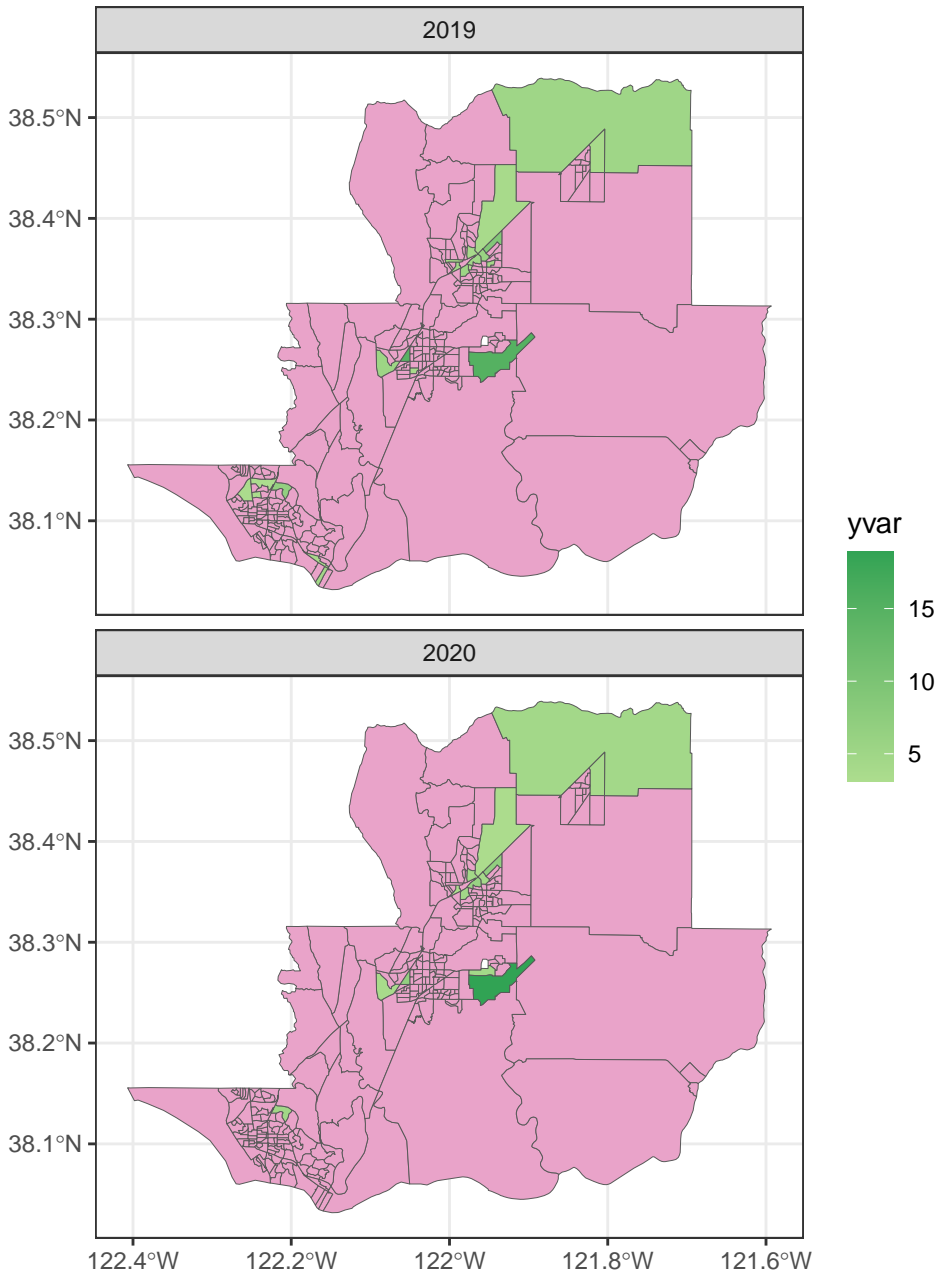
Santa Cruz Distribution of Pop Density Top 15 MI (no outliers)
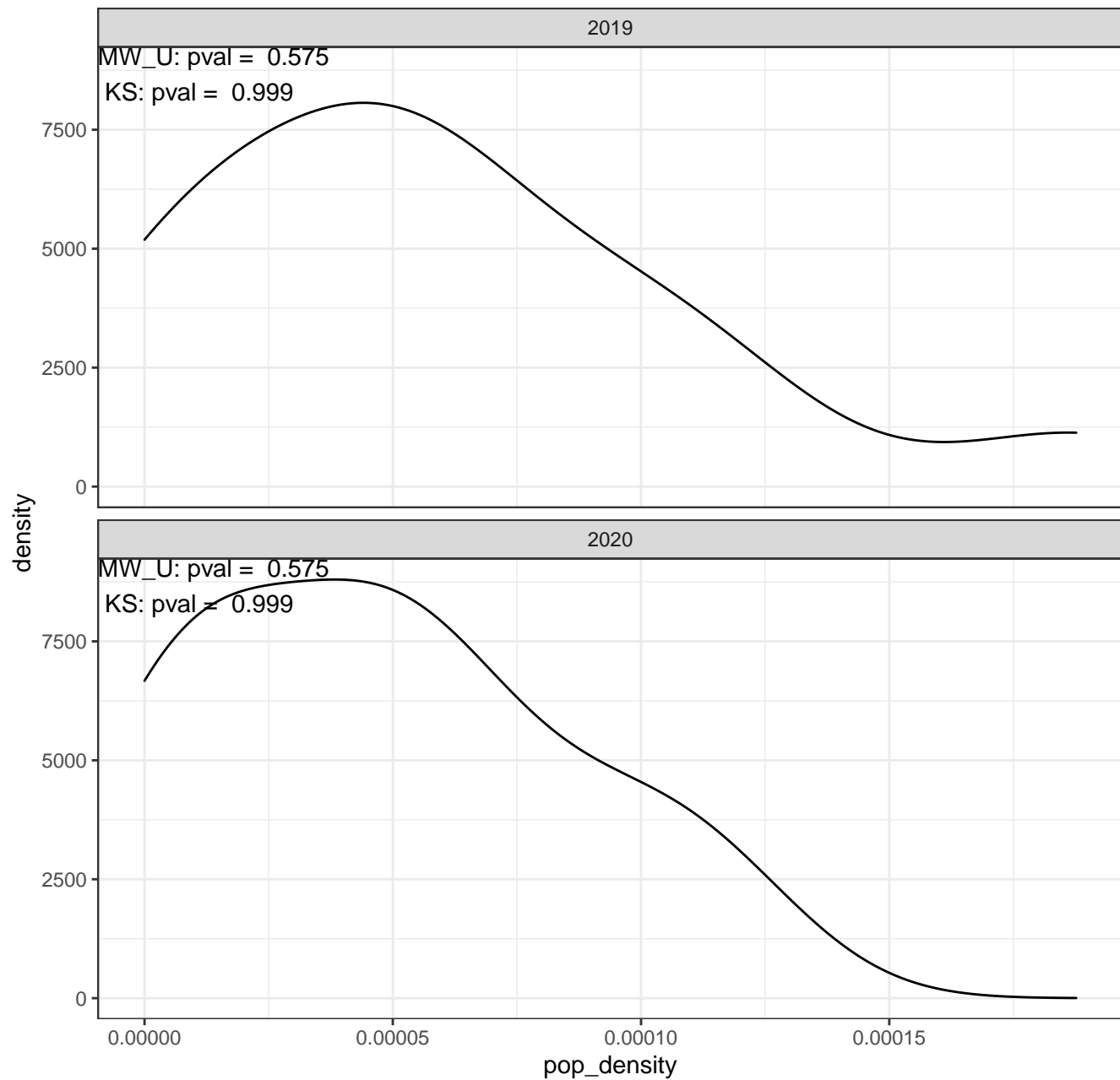
Solano Summer Mobility Over 34 Degrees
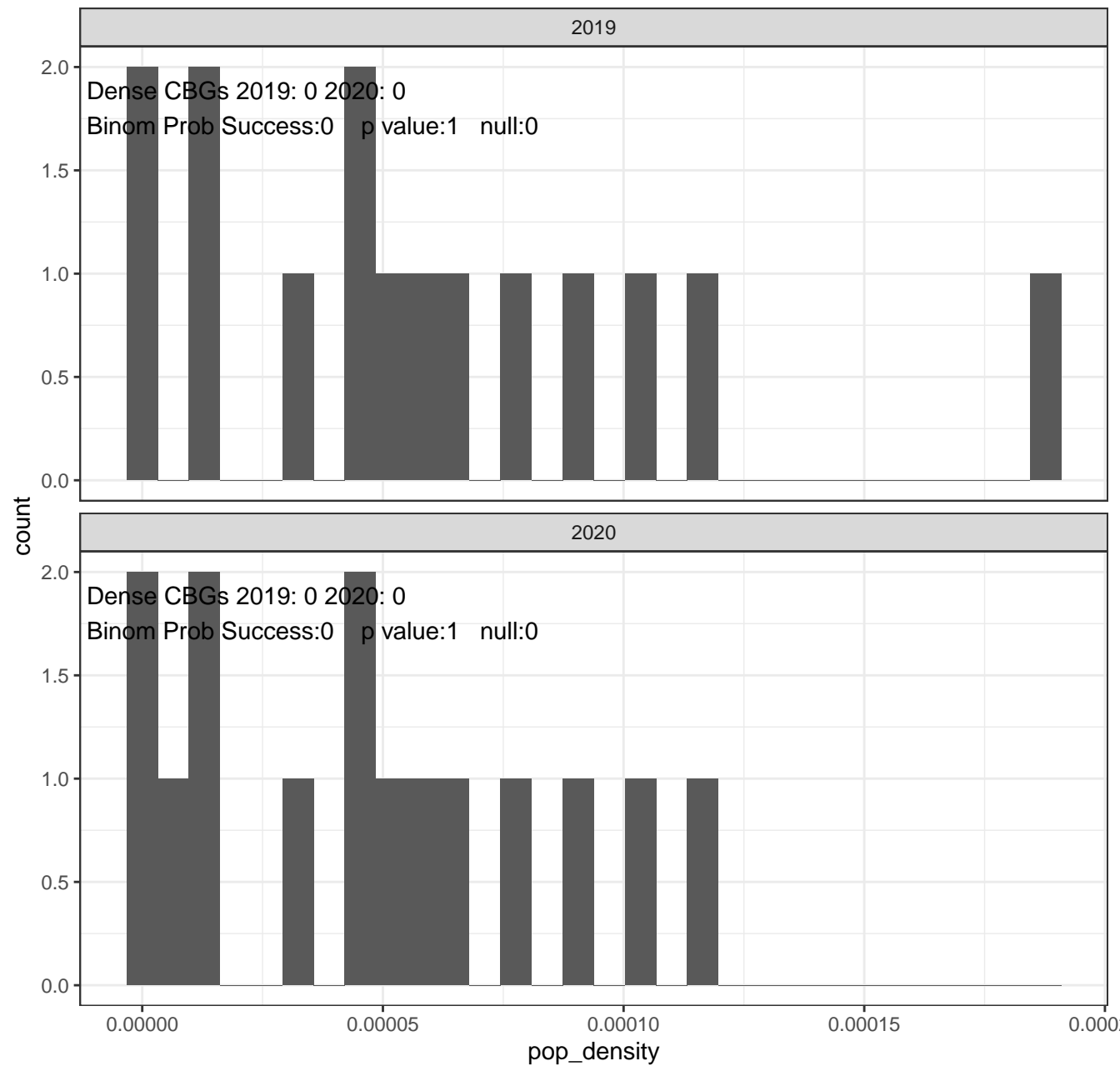
Solano Summer Mobility Over 34 Degrees & MI > 3

Solano Distribution of top 15 CBGs

Solano Distribution of top 15 CBGs

2019

Dense CBGs 2019: 0 2020: 0
Binom Prob Success:0 p value:1 null:0

2020

Dense CBGs 2019: 0 2020: 0
Binom Prob Success:0 p value:1 null:0

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

Solano Distribution of Pop Density Top 15 MI (no outliers)
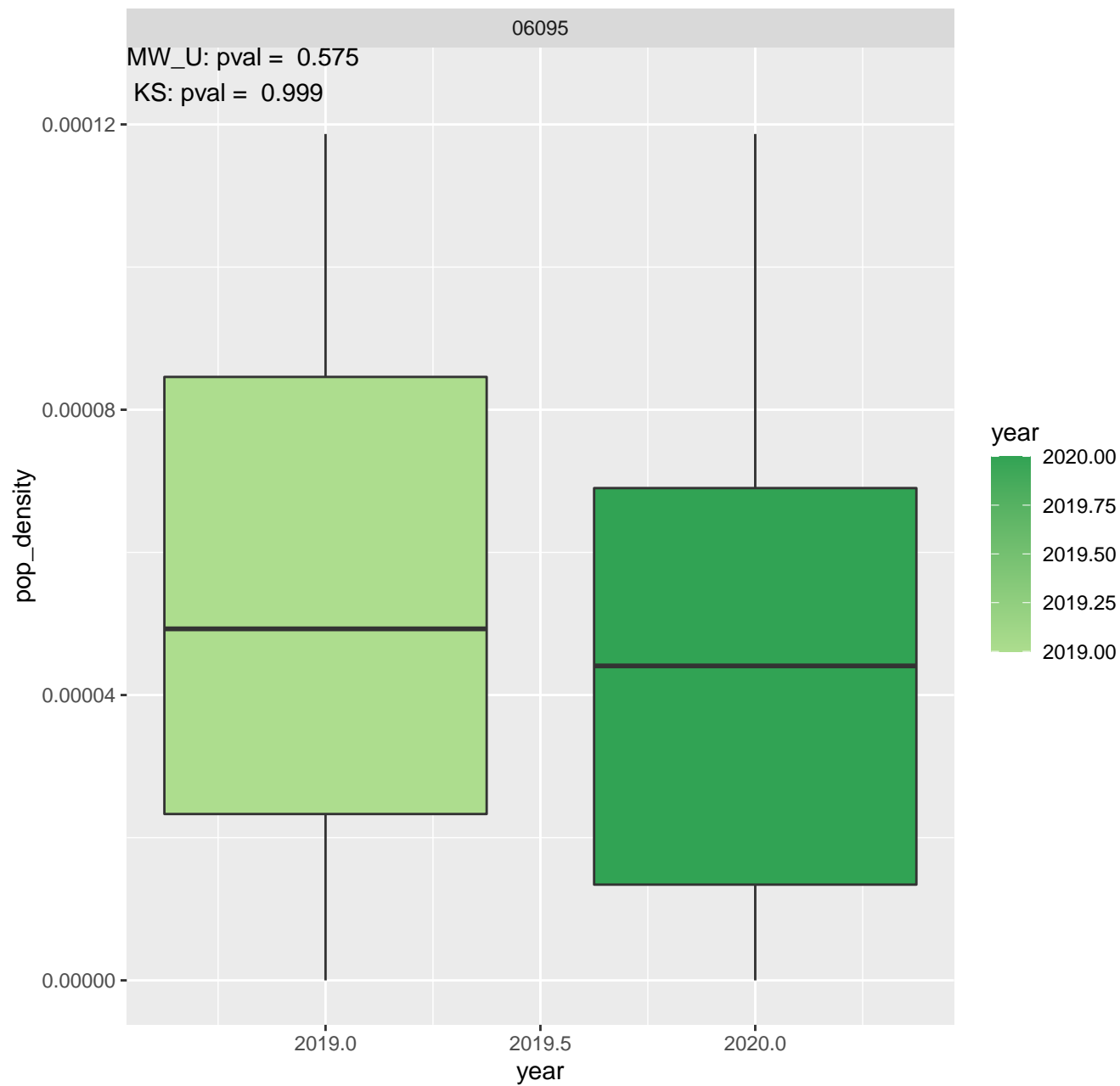
Sonoma Summer Mobility Over 34 Degrees
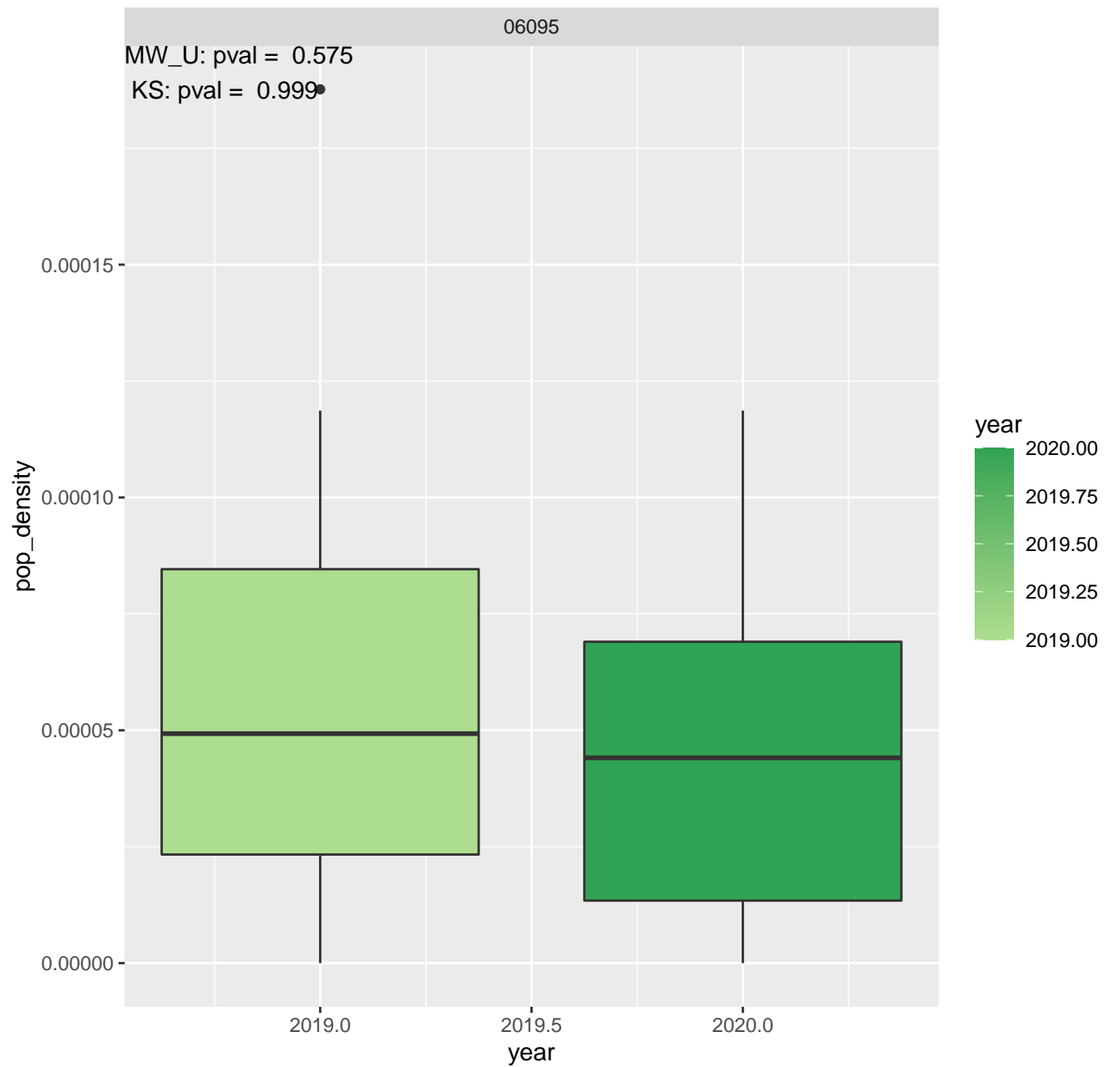
Sonoma Summer Mobility Over 34 Degrees & MI > 3

Sonoma Distribution of top 15 CBGs

Sonoma Distribution of top 15 CBGs
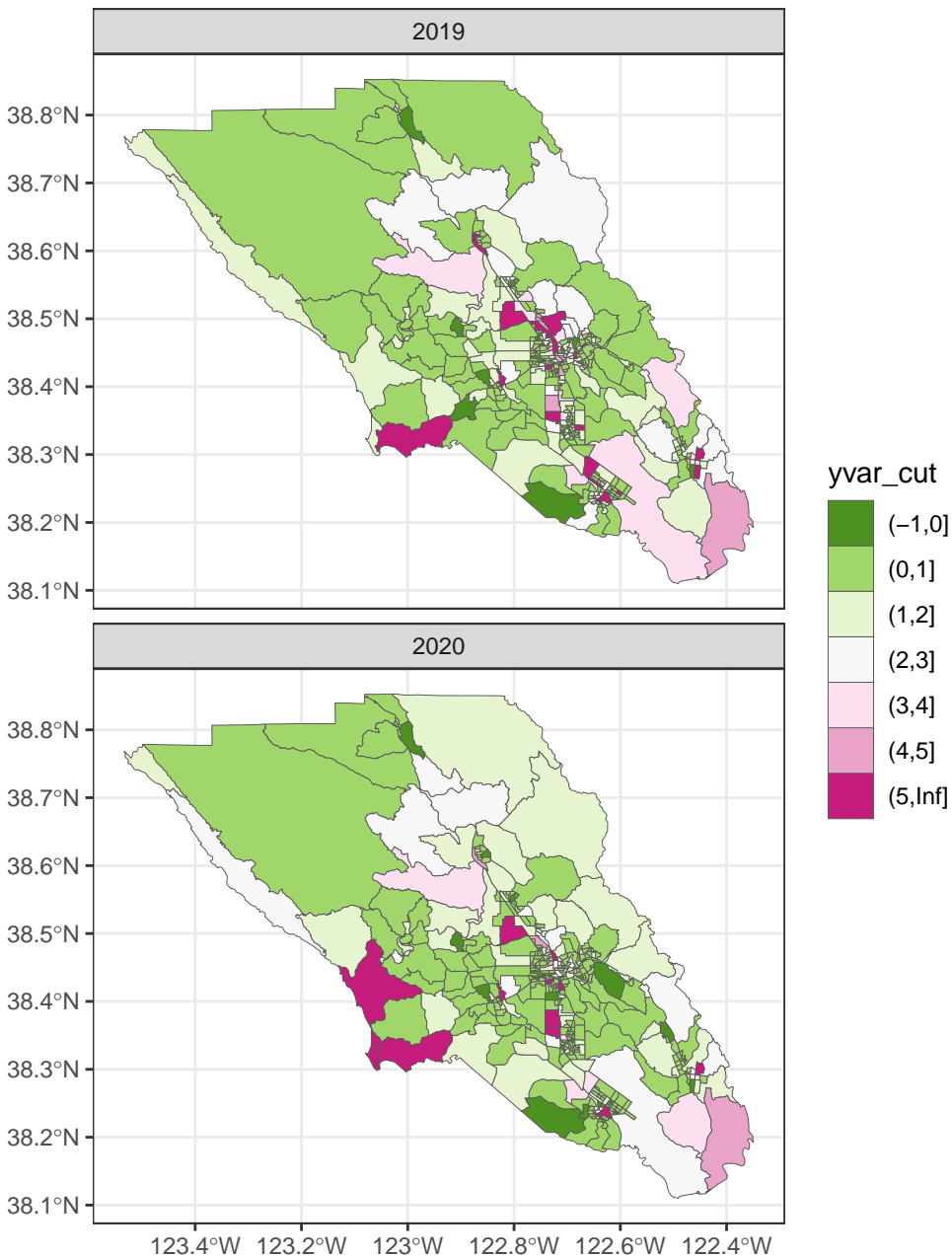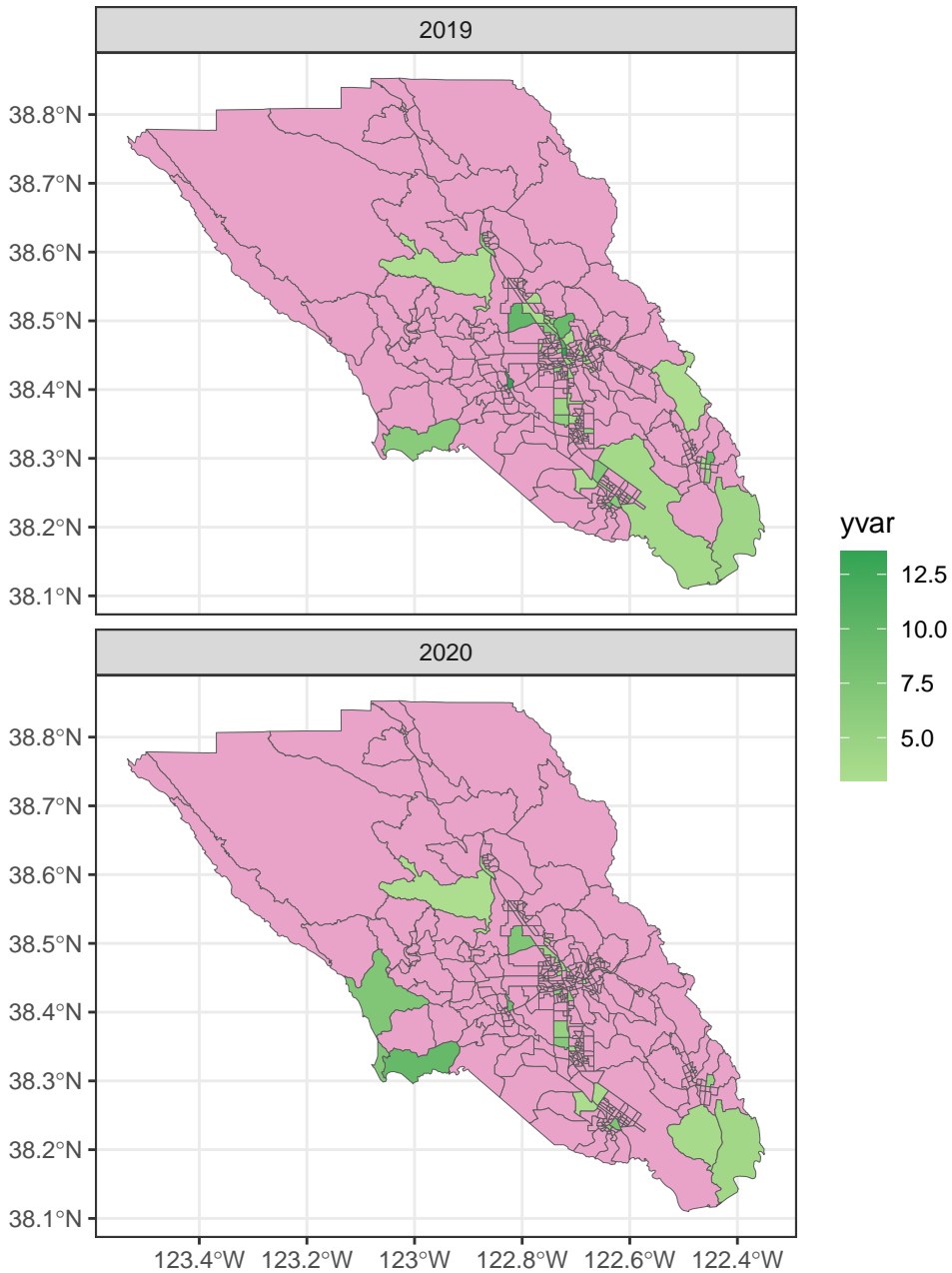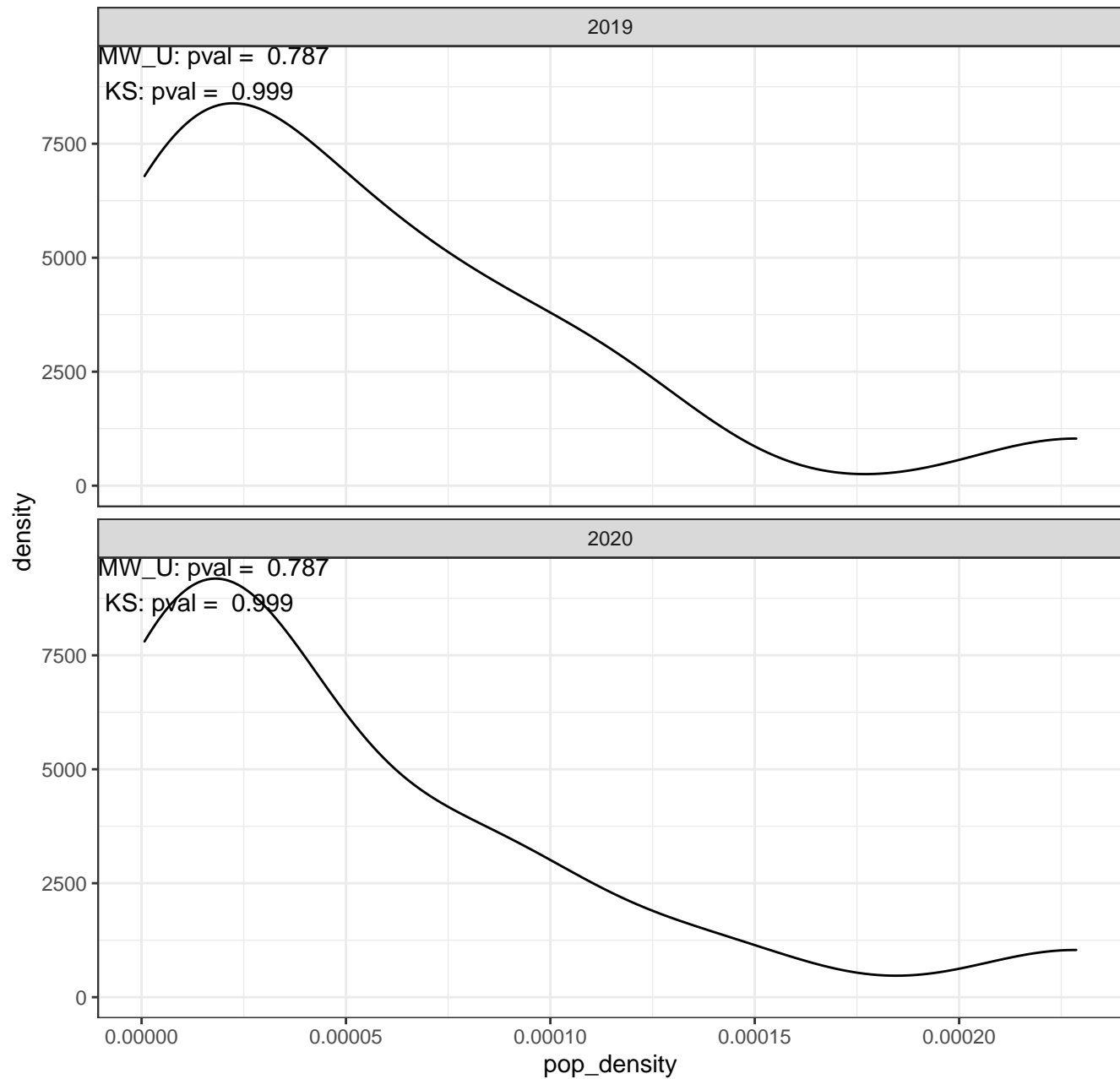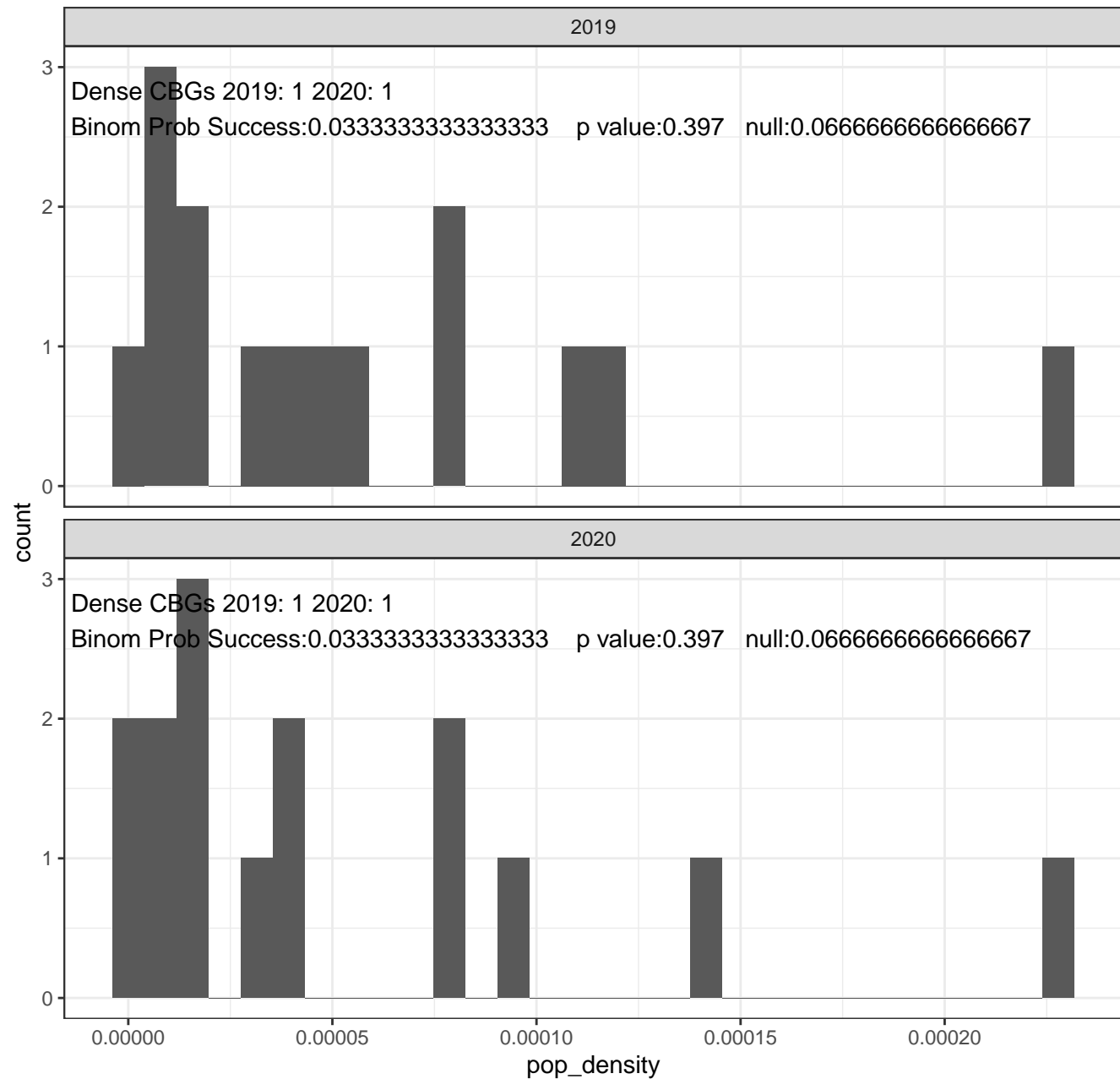

Figure: Histogram panels for 2019 and 2020 showing count versus pop_density.

2019

Dense CBGs 2019: 1 2020: 1
Binom Prob Success:0.0333333333333333   p value:0.397   null:0.0666666666666667

2020

Dense CBGs 2019: 1 2020: 1
Binom Prob Success:0.0333333333333333   p value:0.397   null:0.0666666666666667

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

Sonoma Distribution of Pop Density Top 15 MI (no outliers)