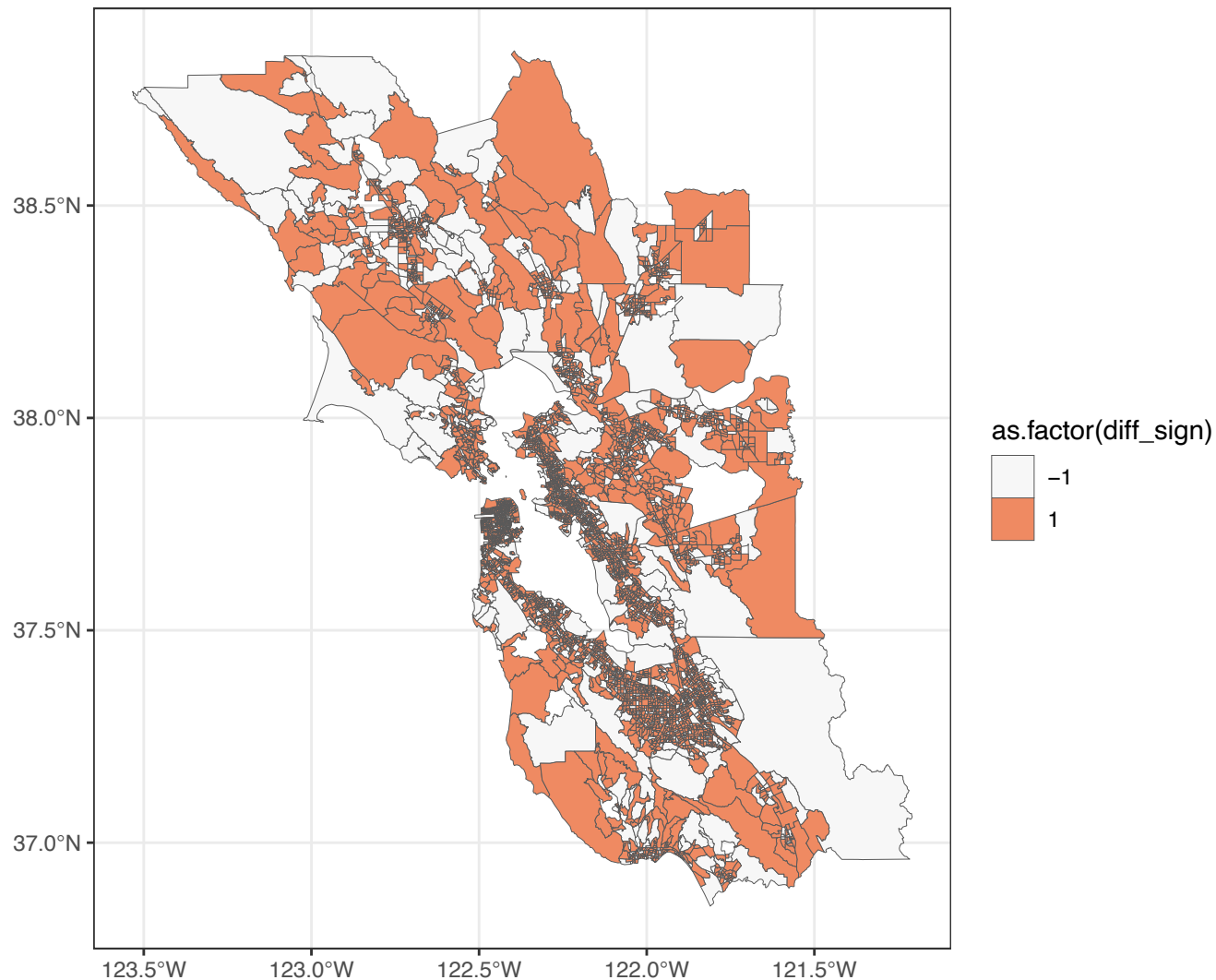
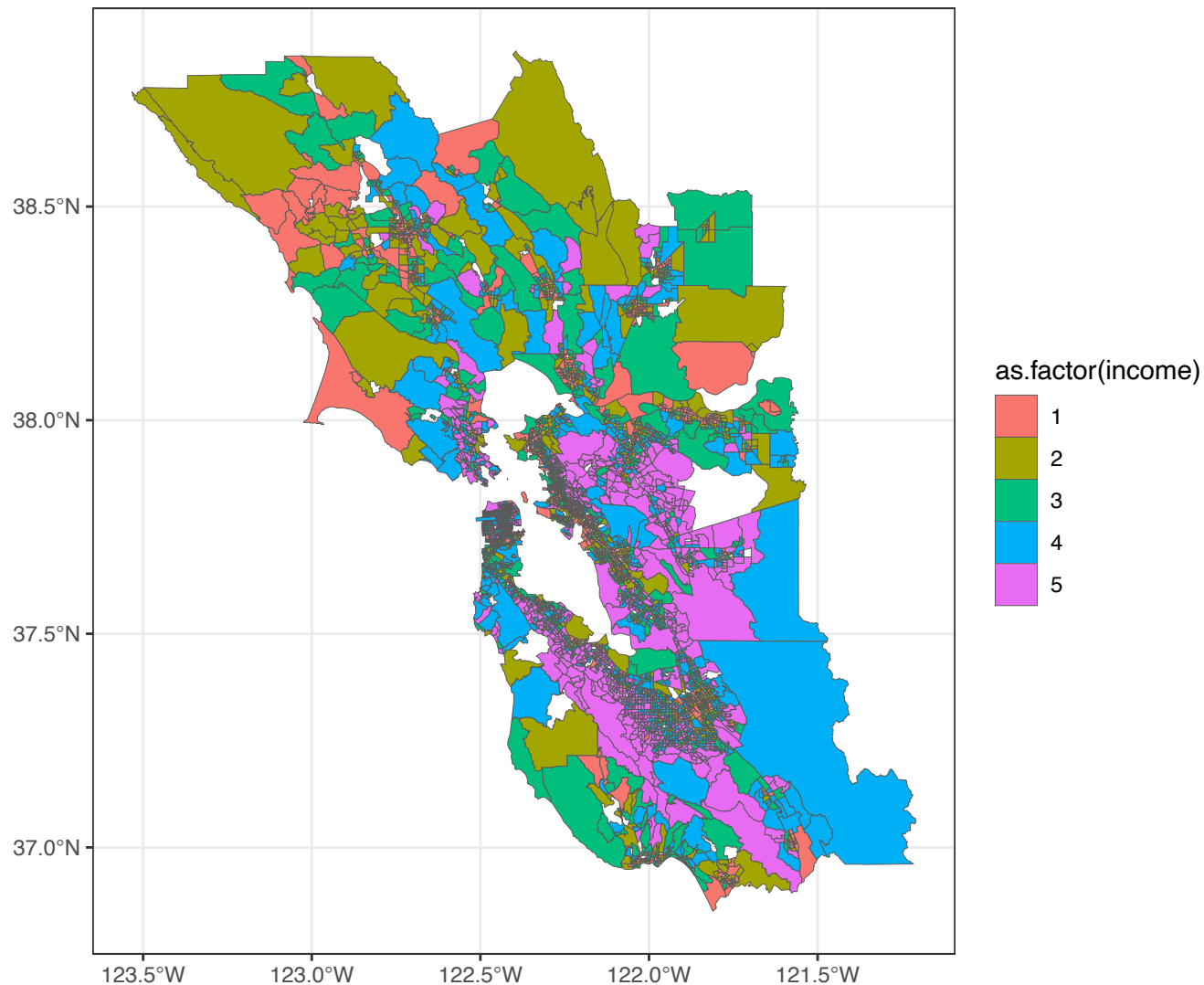


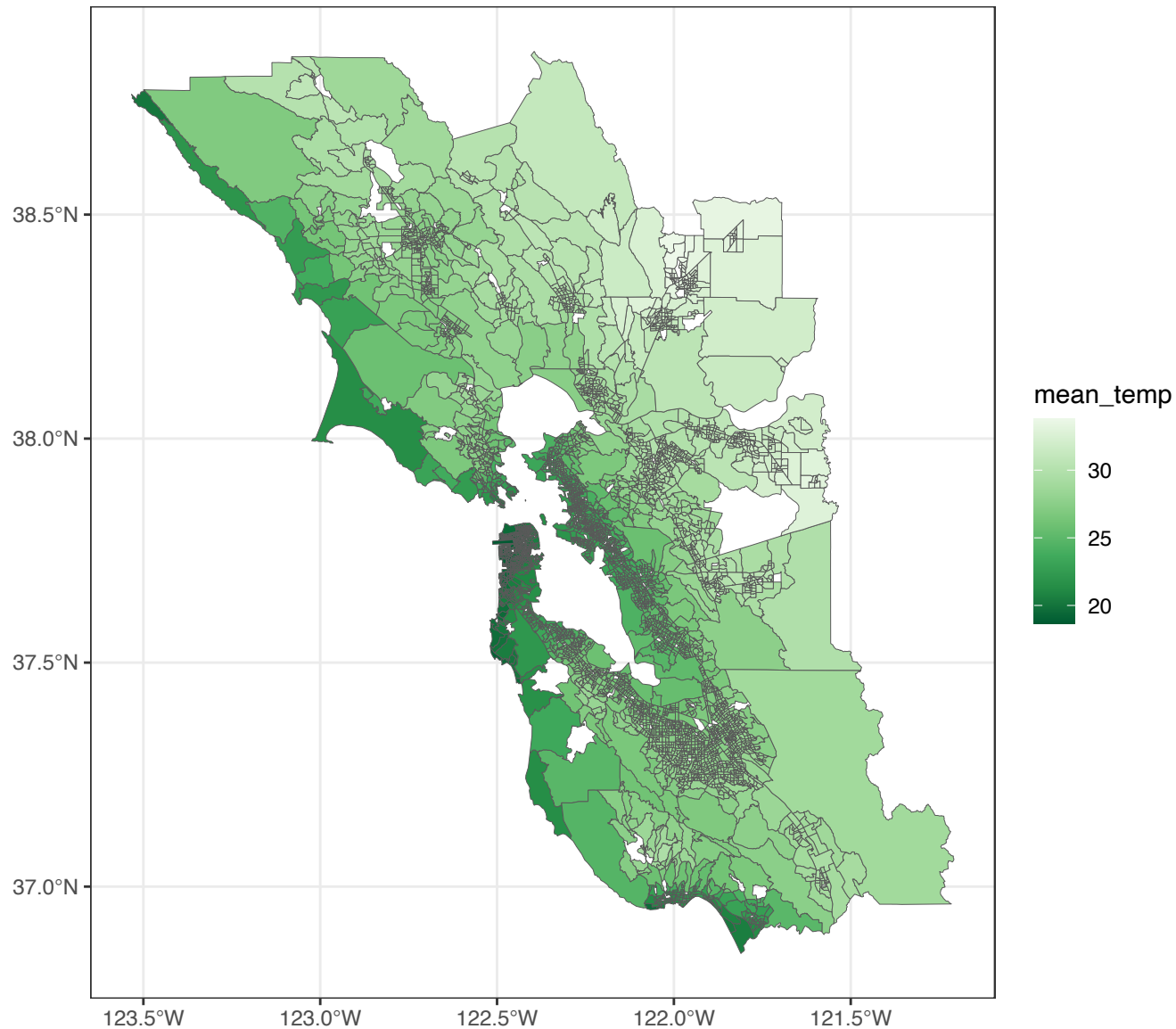
## Change in Average Mobility 2020–2021 by CBG



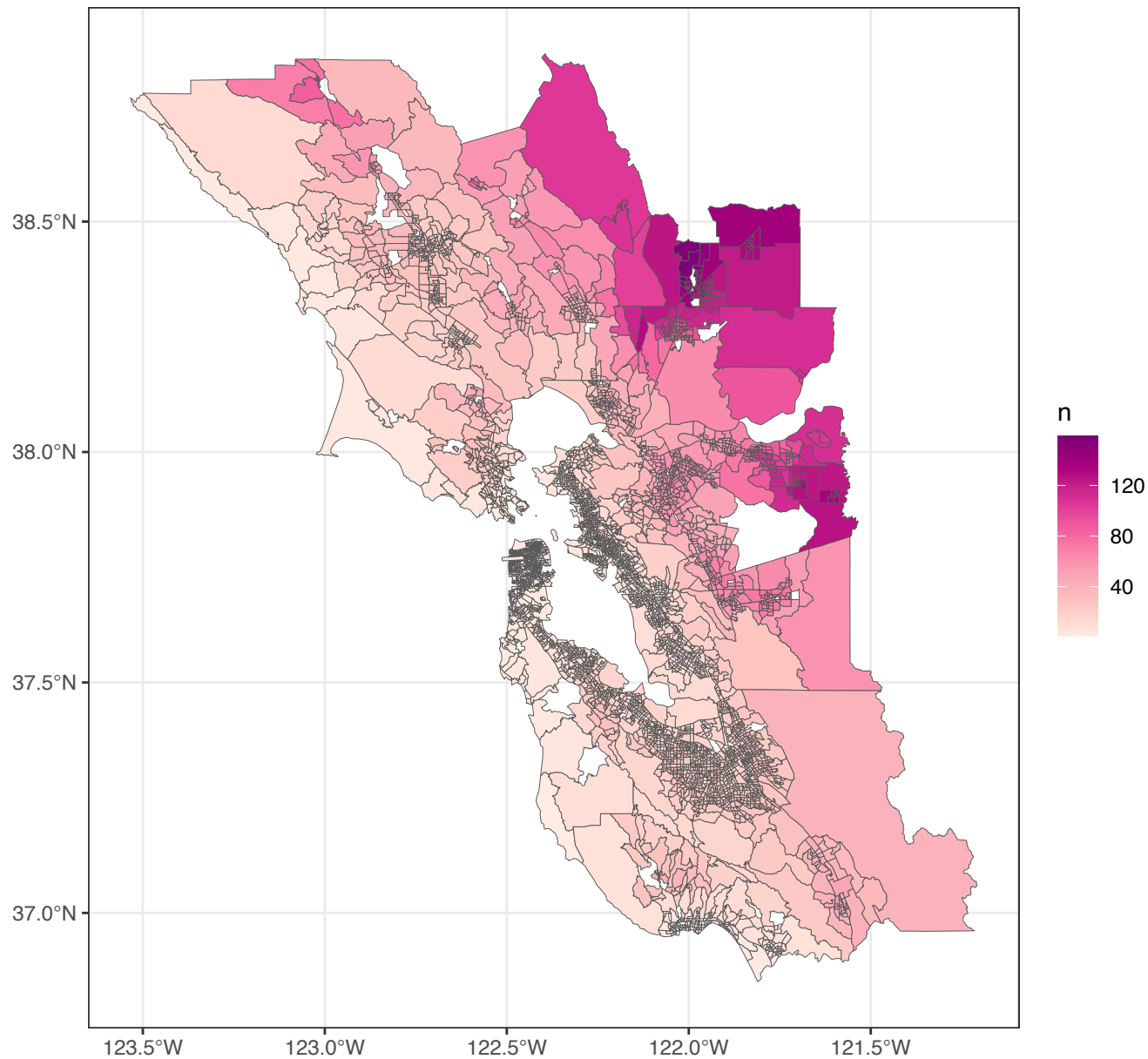
# Income Distribution in San Francisco Bay Area by CBG



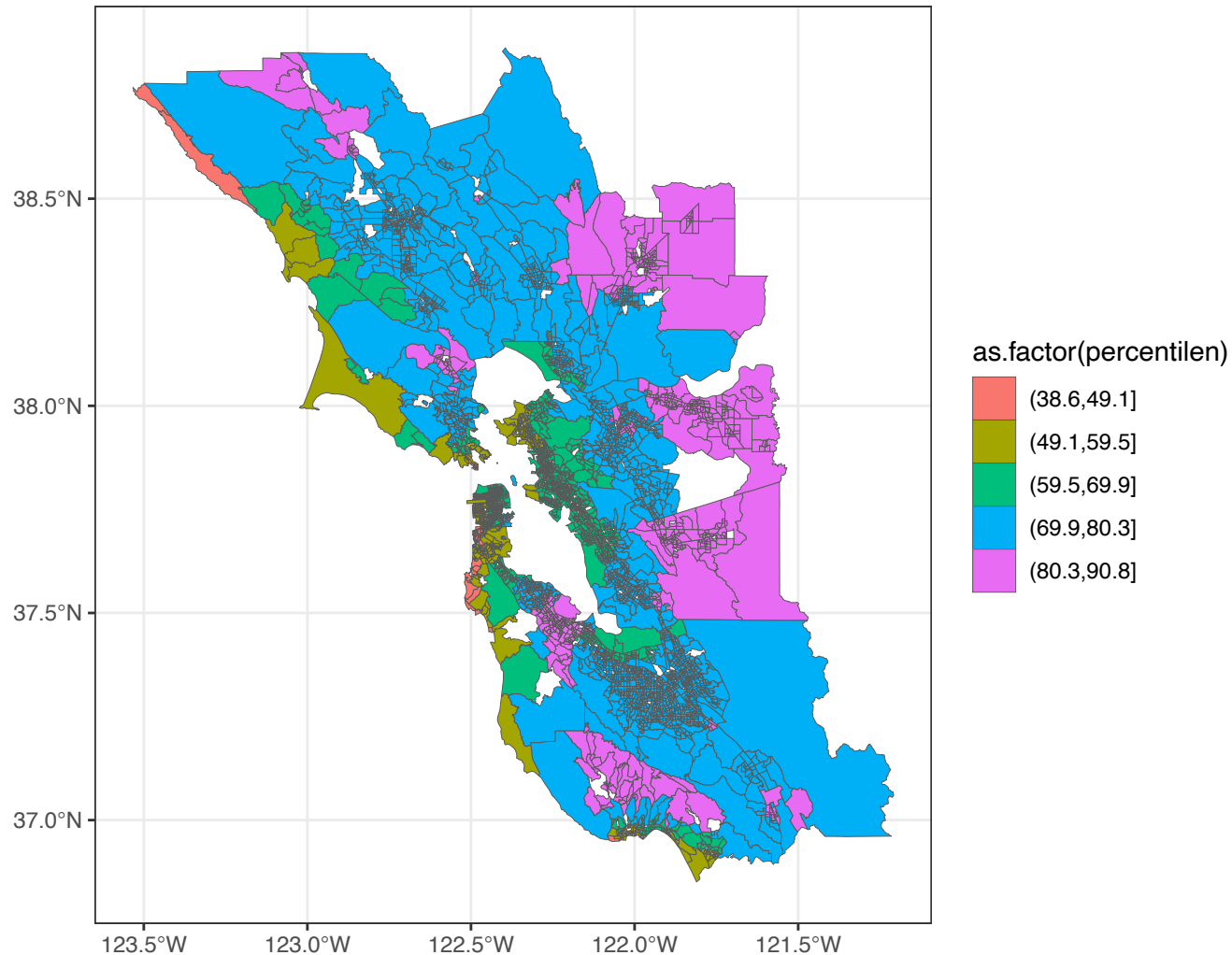
# Average Temperature Summer 2020–21

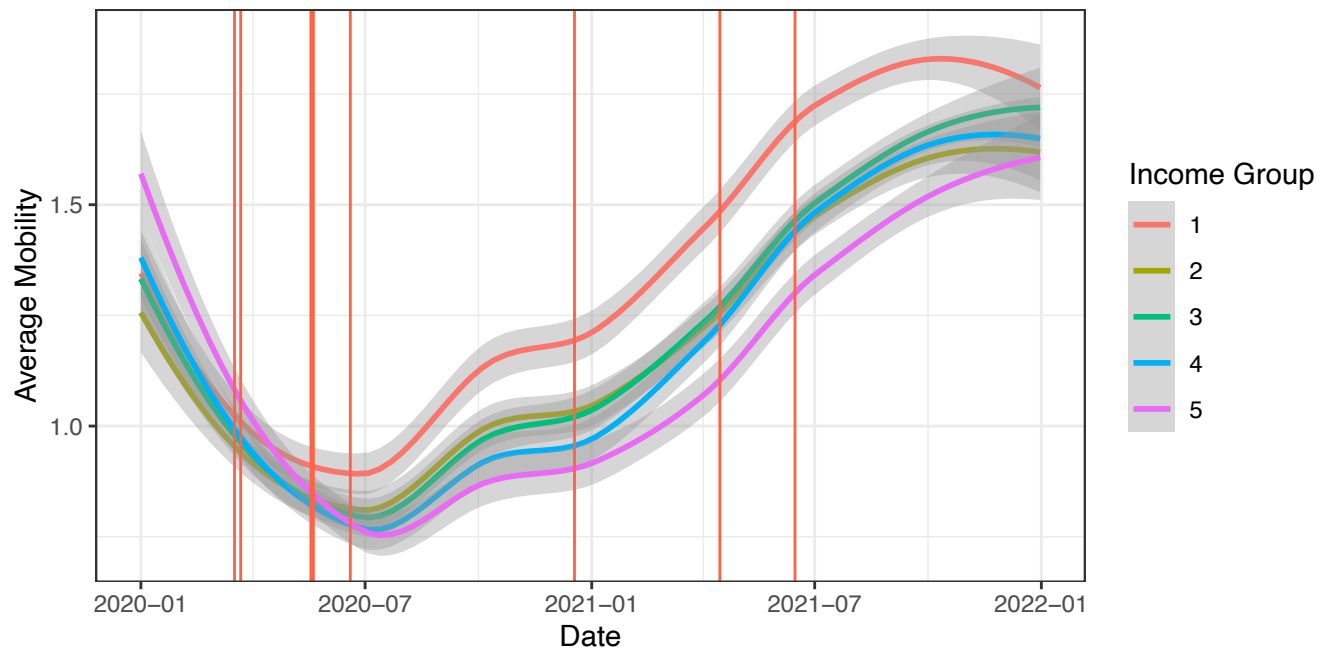
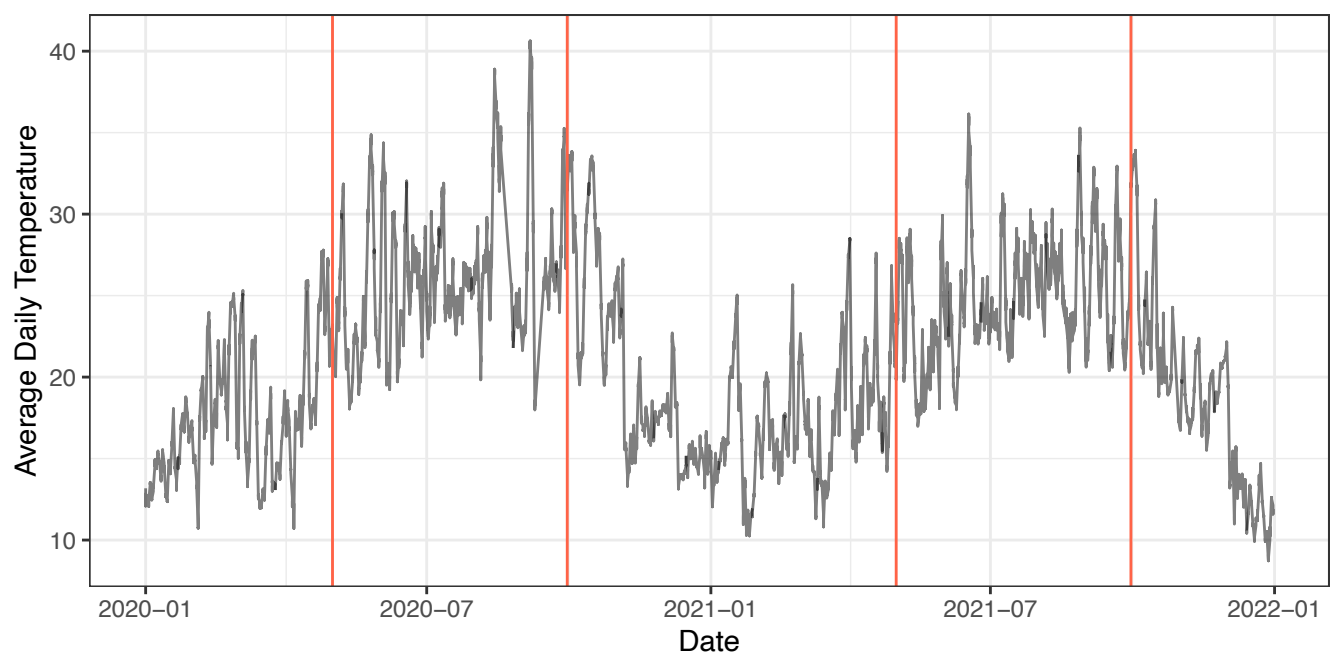


# Total Number of Days at or Above 34C

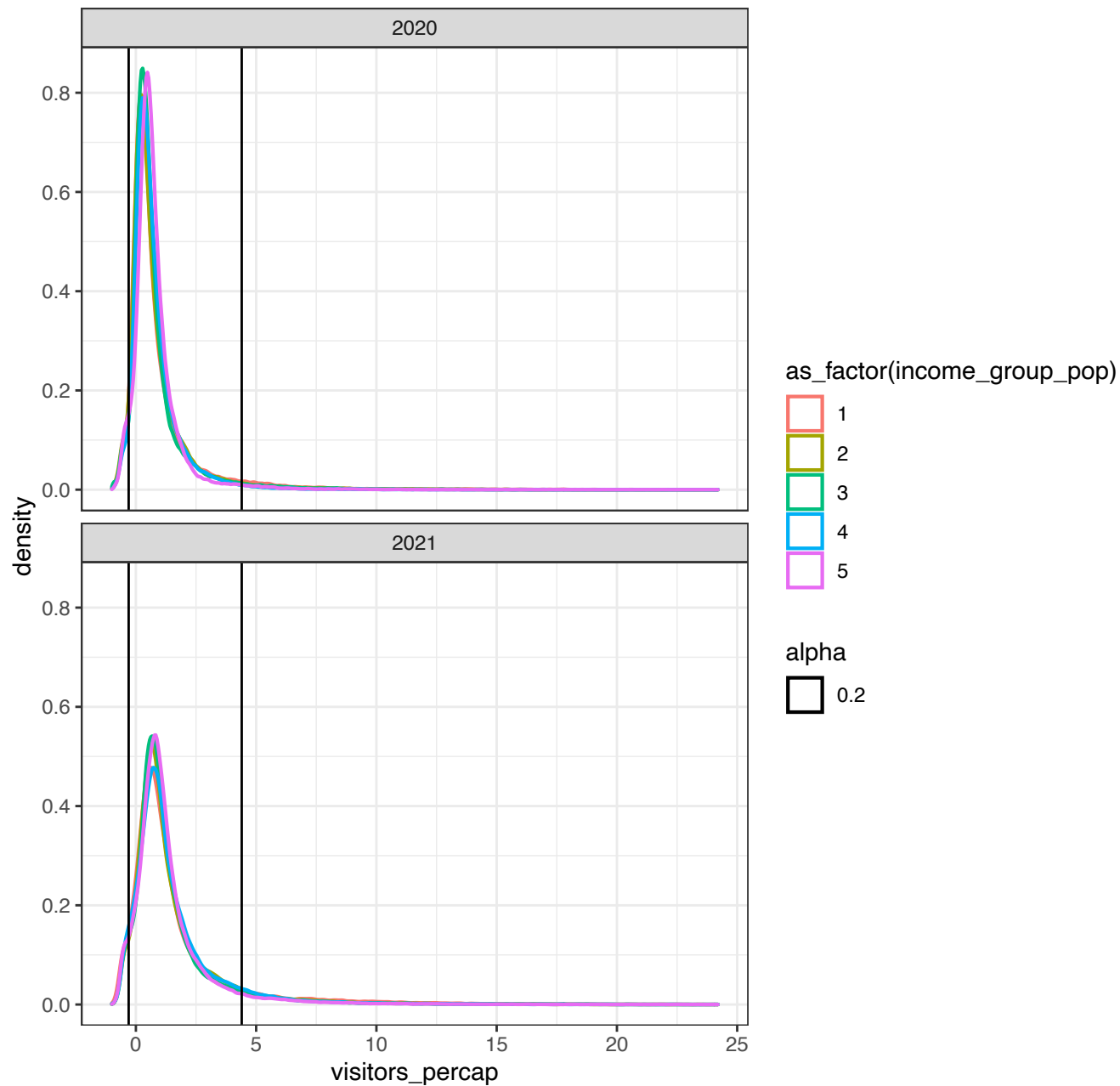


## Average Temperature Percentile Summer 2020–21

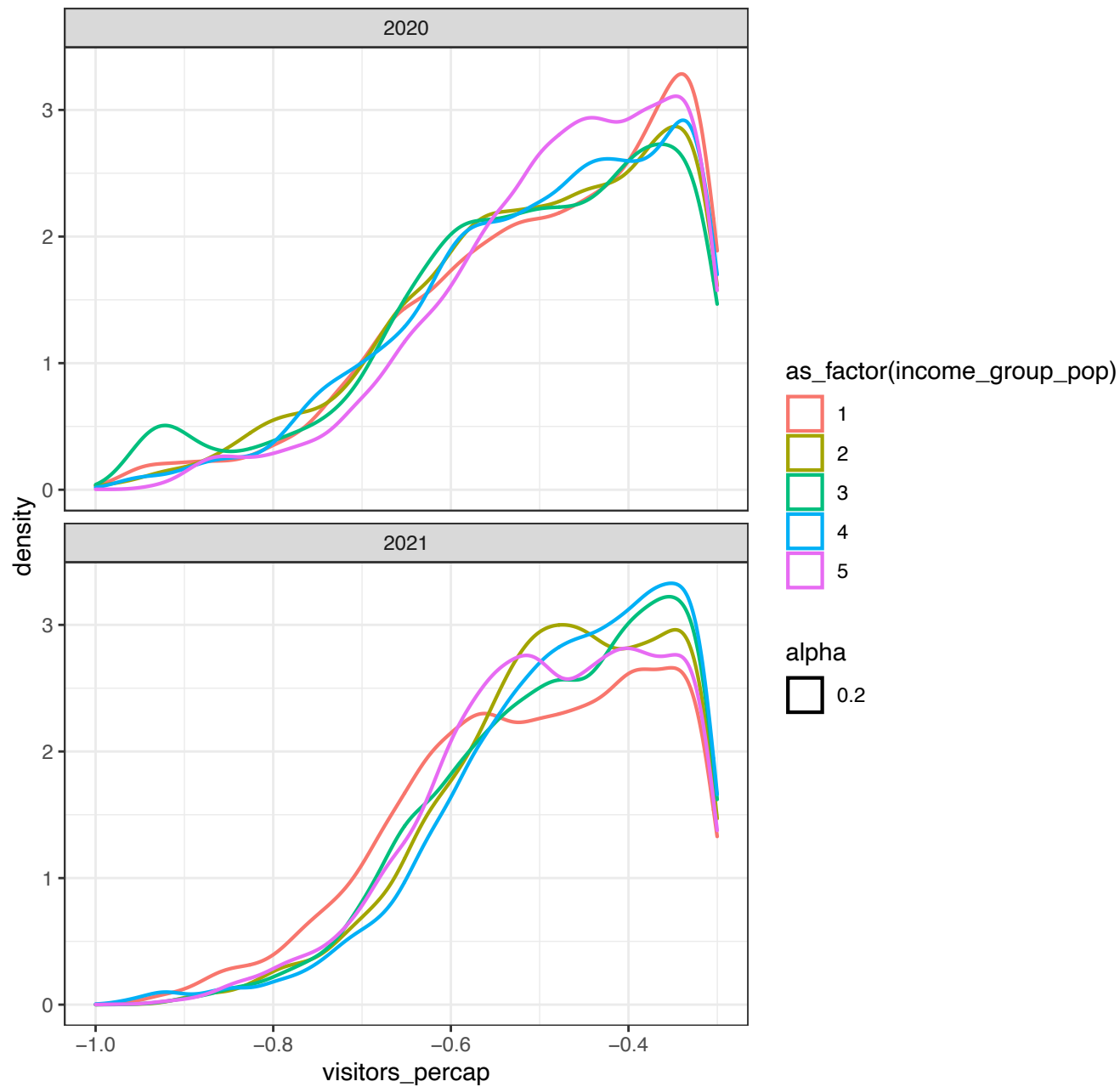




# Distribution of MI $\leq 24.2$ (99.9th)

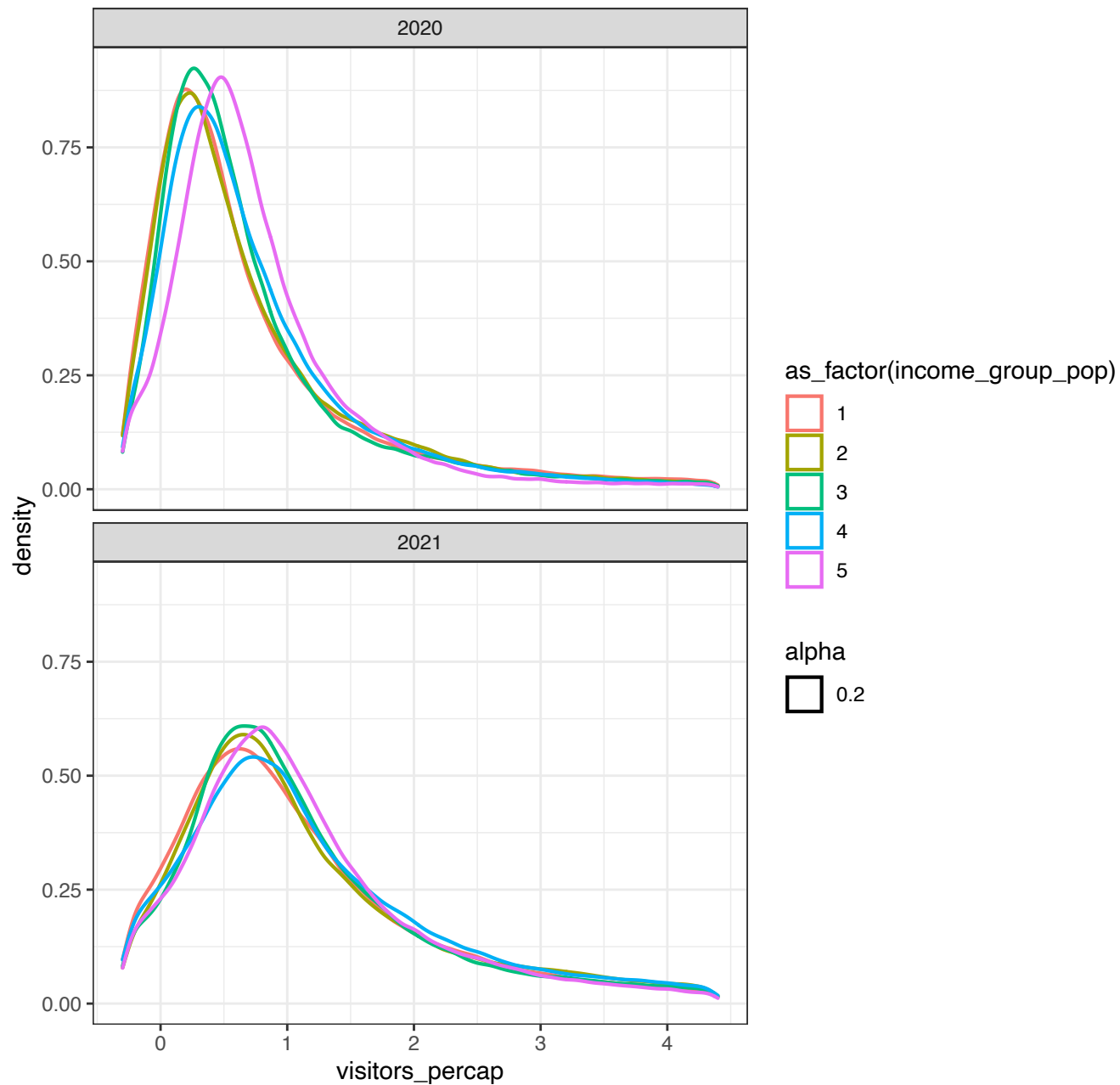


Distribution of MI < -0.3 (5th)

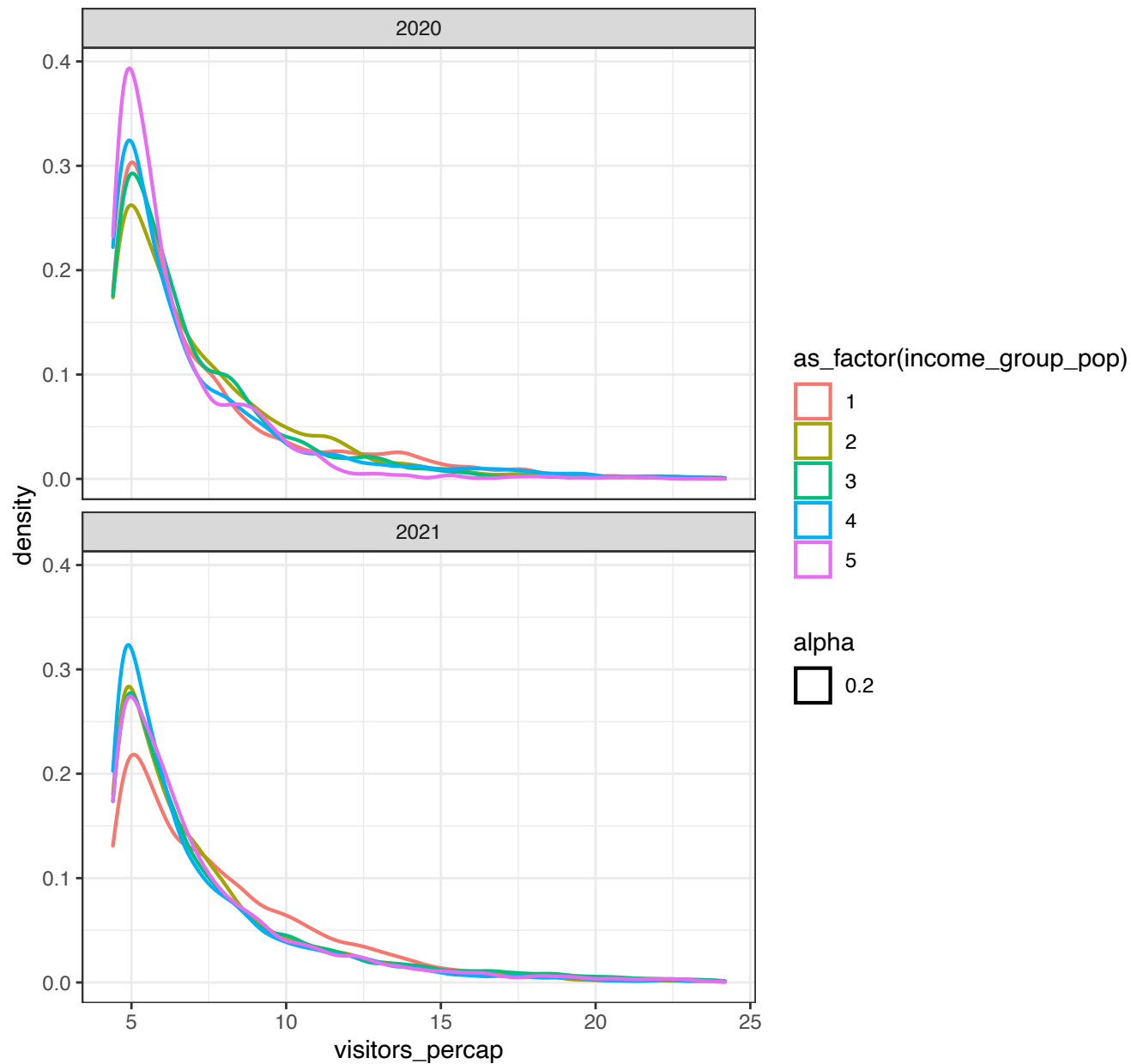




Distribution of  $-0.3 < MI < 4.4$  (5th–95th)

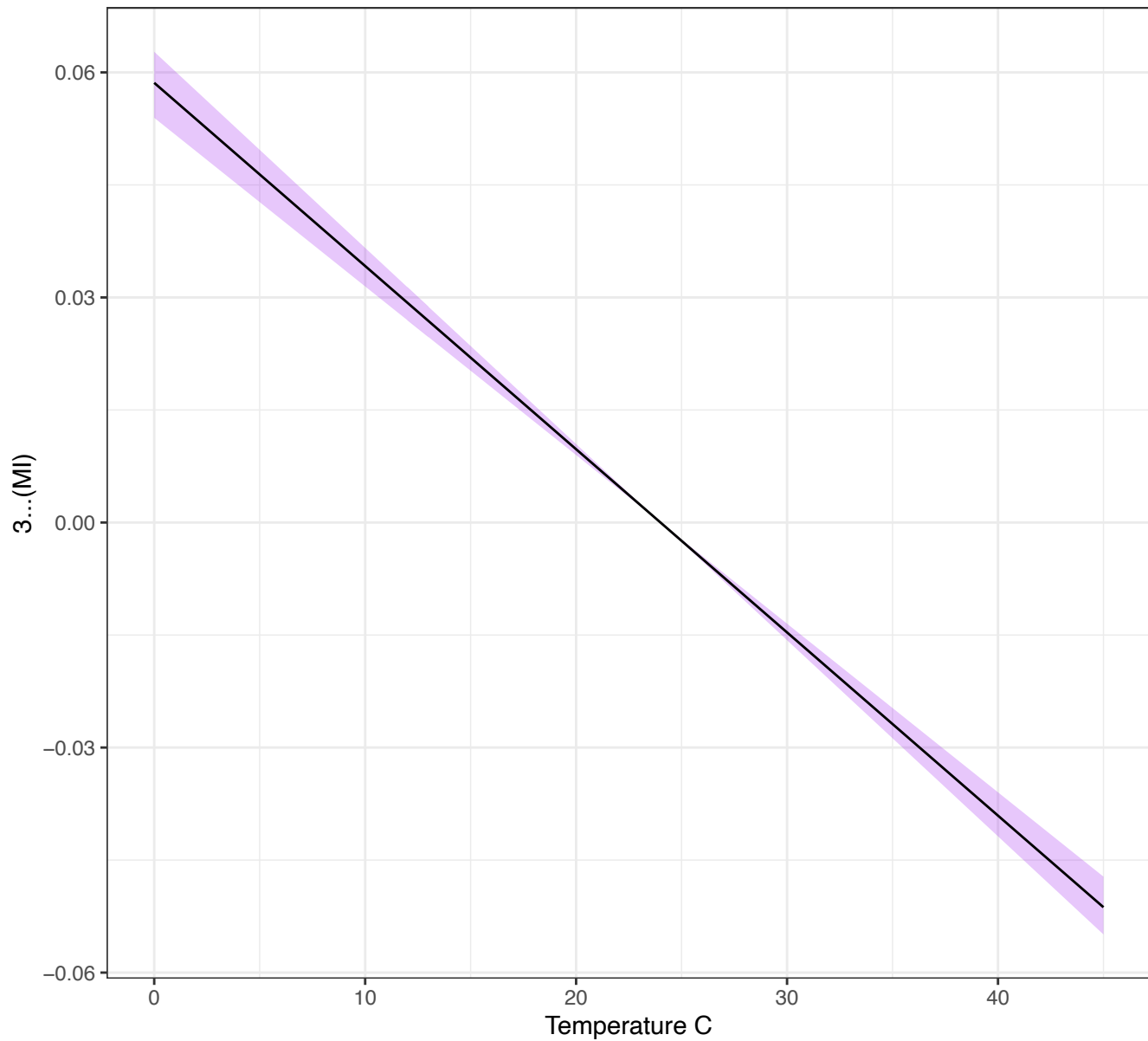


# Distribution of MI > 4.4 (95th percentile) & < 24.2(99.9th percentile)



MI v Temp

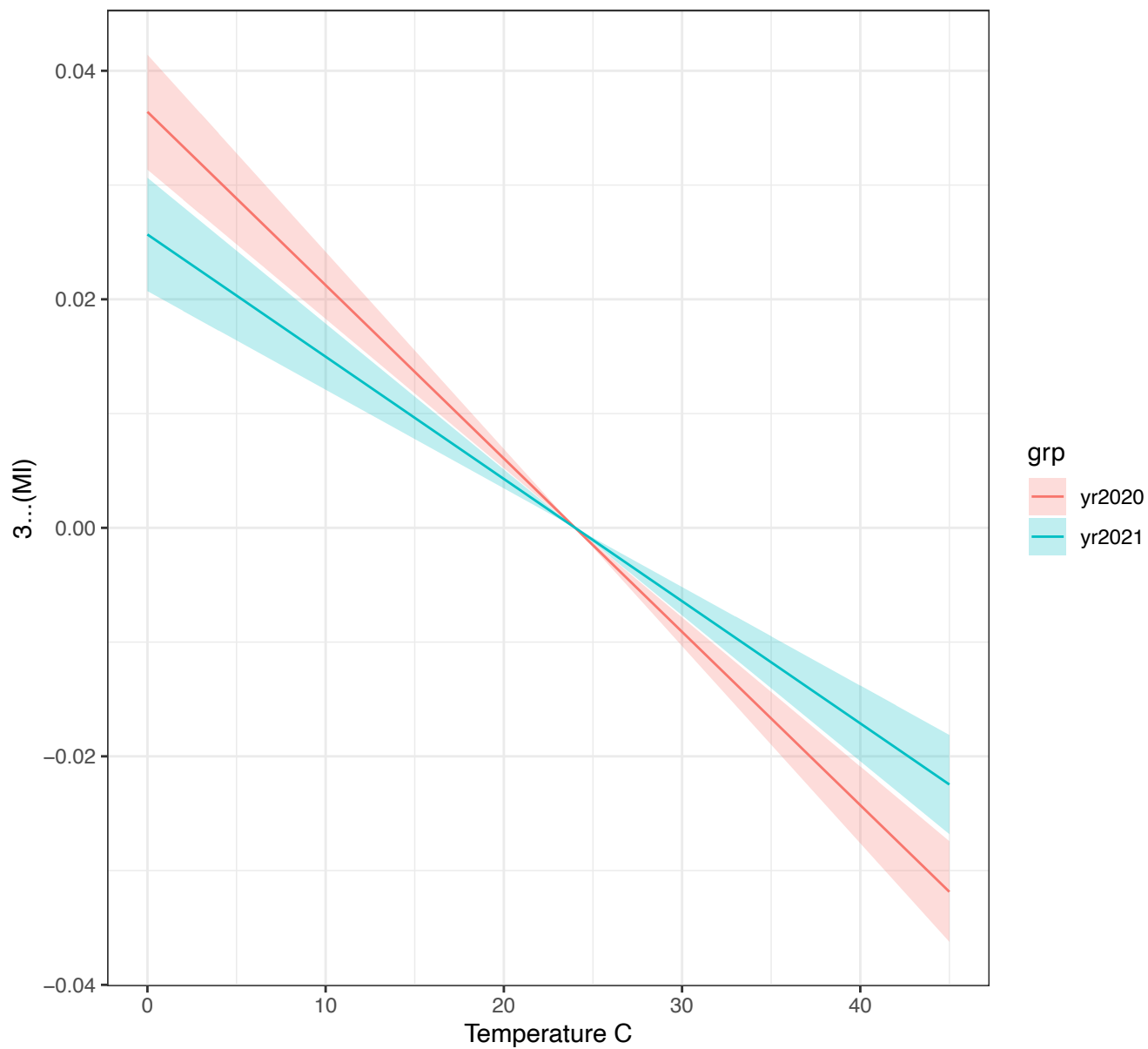
r2: 0.6309 proj r2: 5e-04



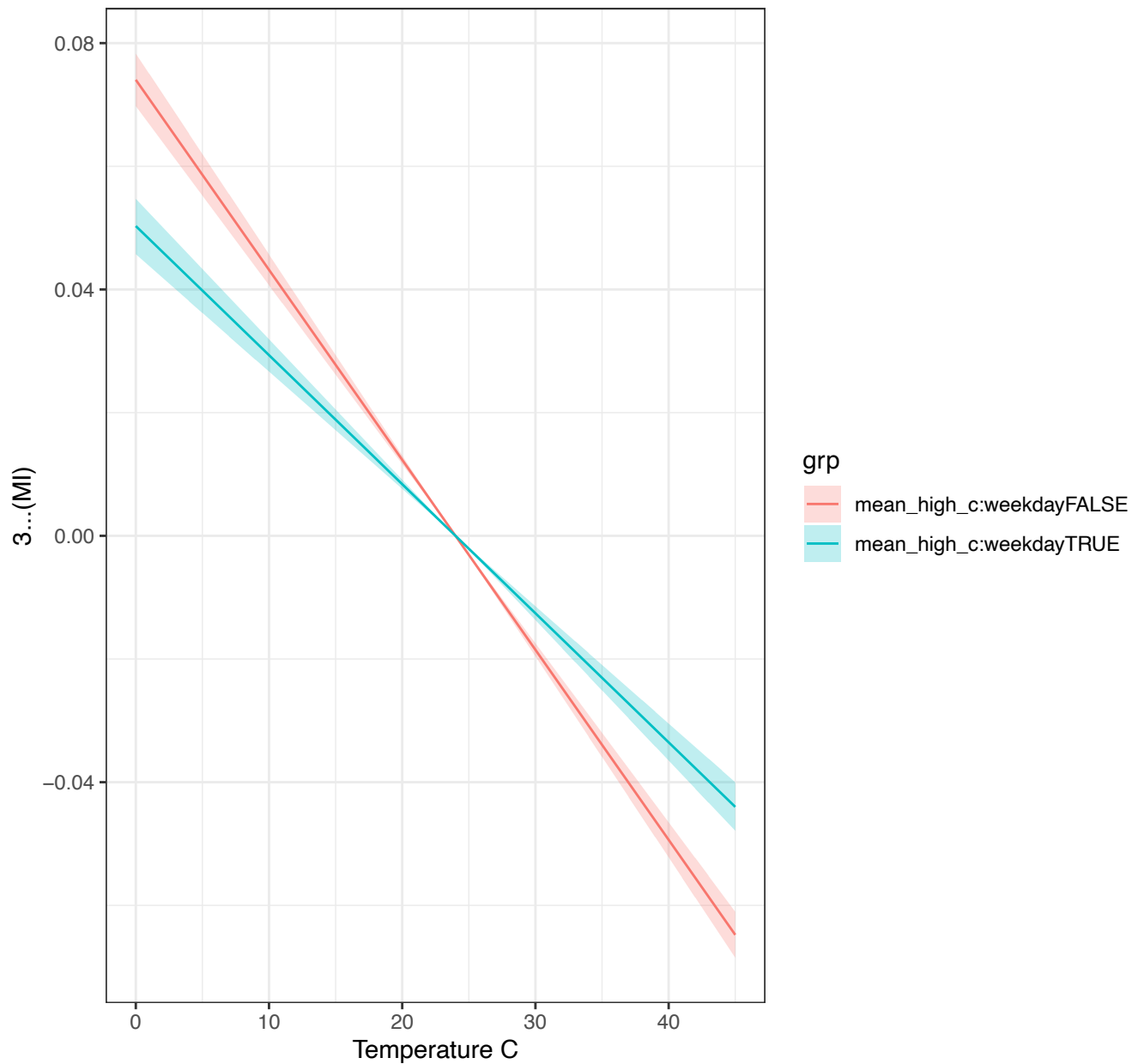
MI v Temp (Yr Subgroup, monthweek)

2020 r2: 0.6817 proj r2: 3e-04

2021 r2: 0.7996 proj r2: 2e-04



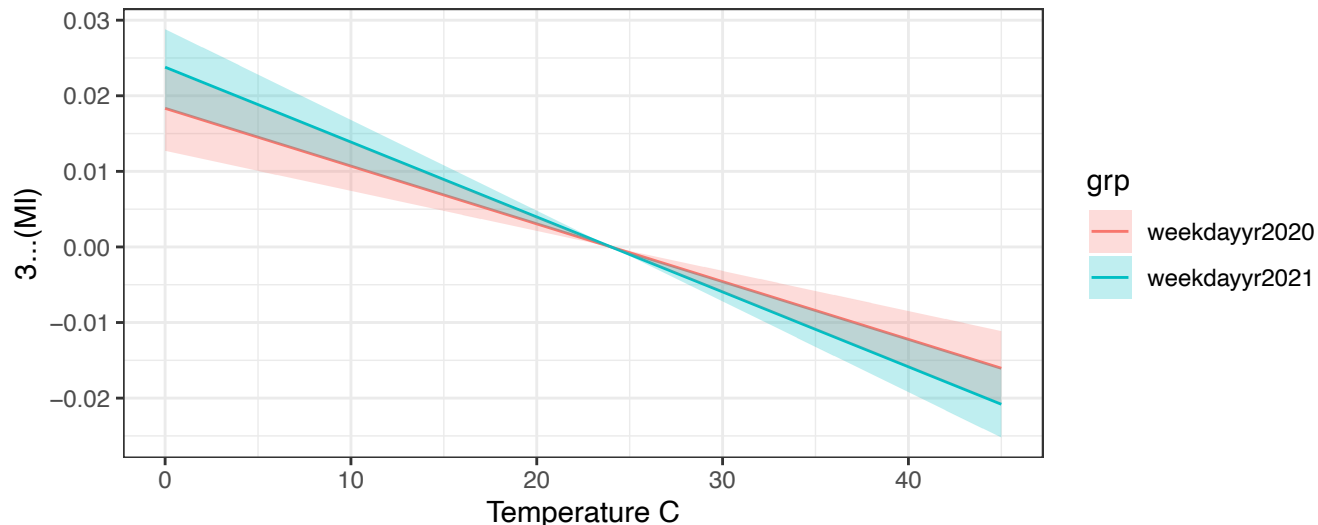
MI v Temp:Weekday  
r2: 0.631 proj r2: 0.001



MI v Temp:Weeend+Year (monthweek)

2020 r2: 0.6827 proj r2: 0.0034

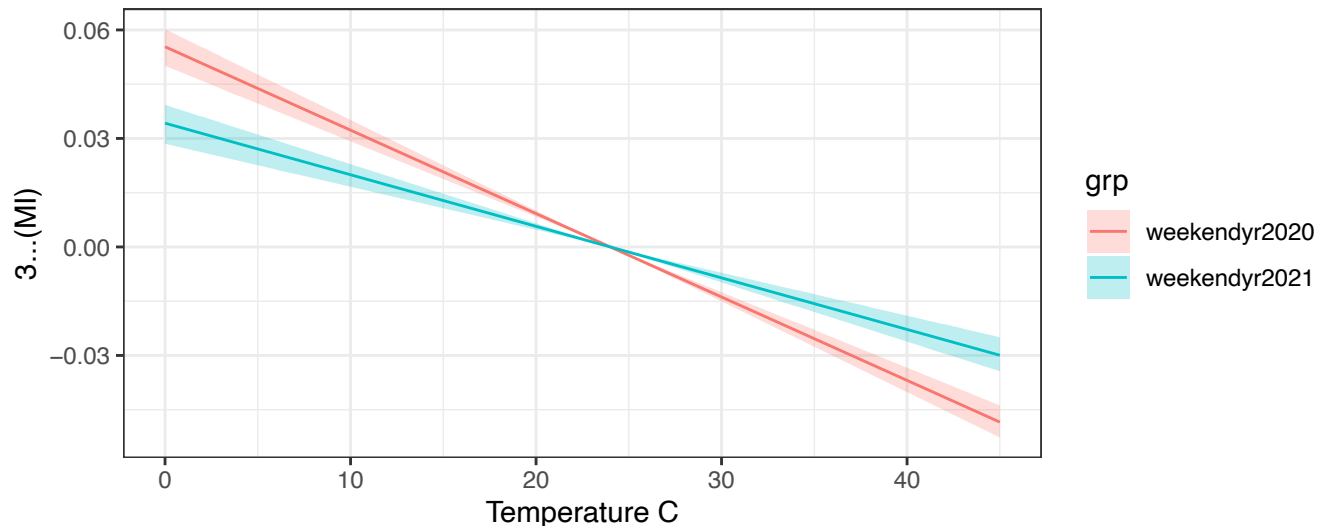
2021 r2: 0.7997 proj r2: 5e-04



MI v Temp:Weekday+Year (monthweek)

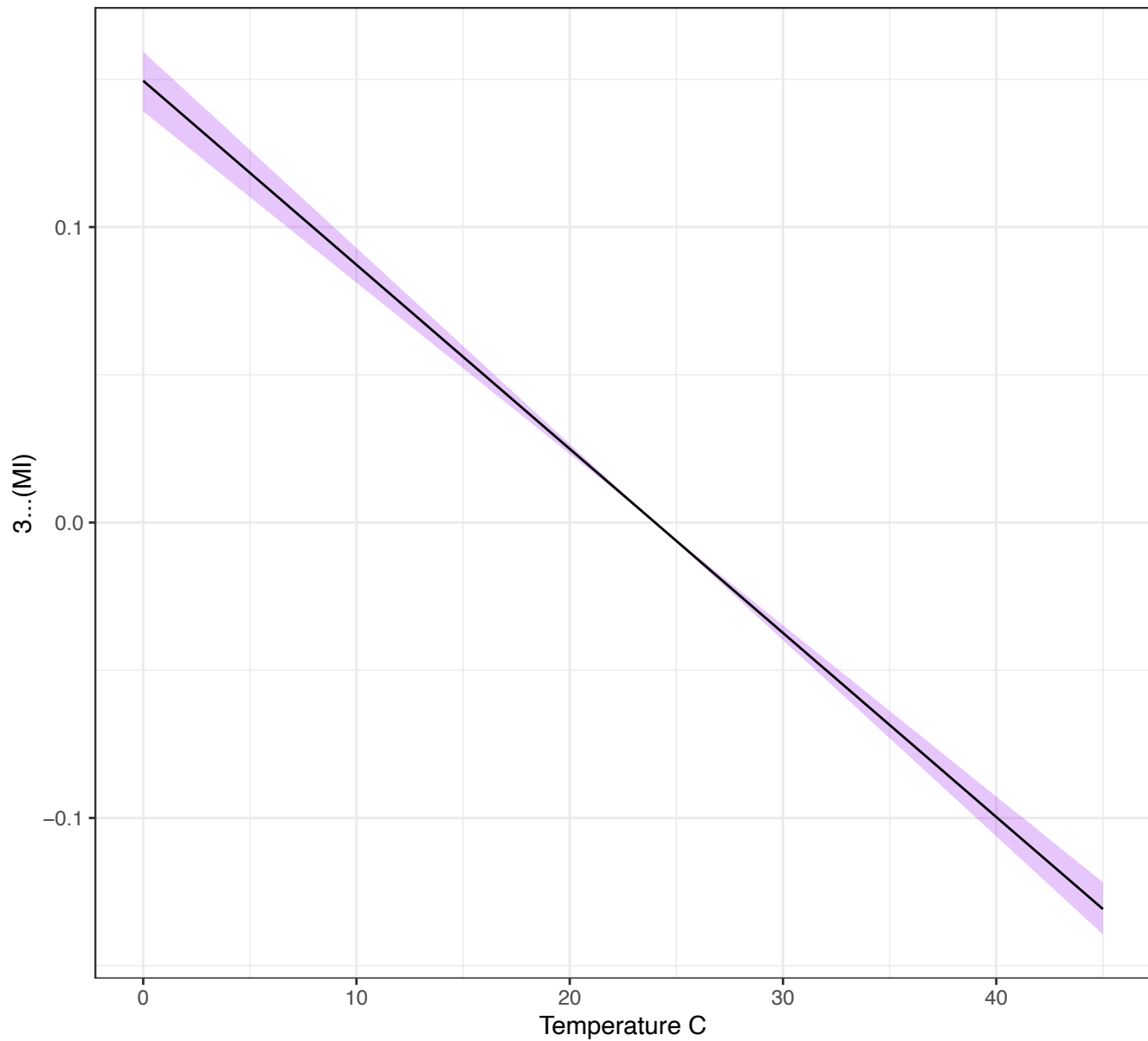
2020 r2: 0.6827 proj r2: 0.0034

2021 r2: 0.7997 proj r2: 5e-04

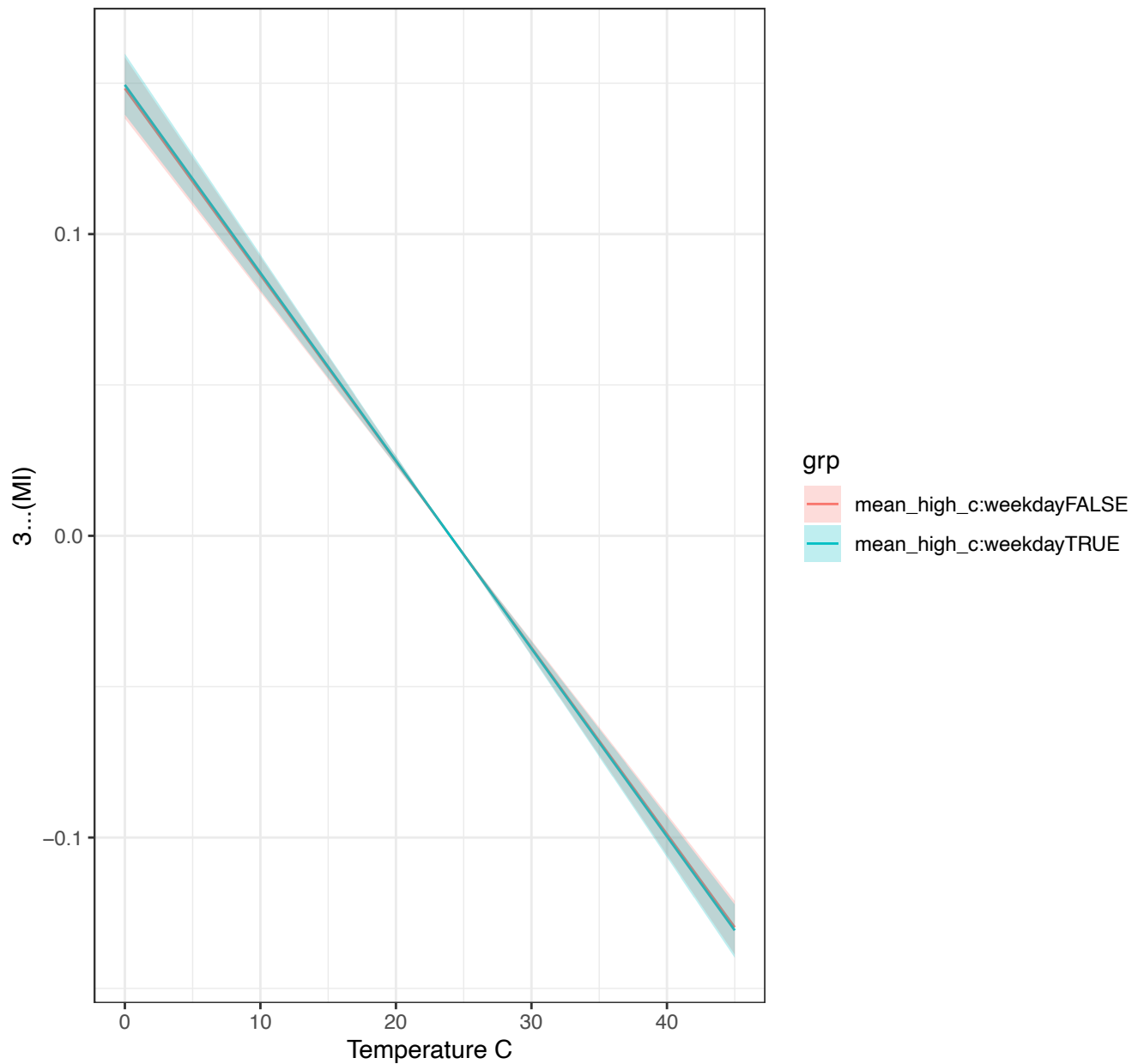


5% xtreme heat subgroup

$r^2$ : 0.6651 proj  $r^2$ : 0.0017



5% xtreme heat subgroup: Weekday  
r2: 0.665 proj r2: 0.002



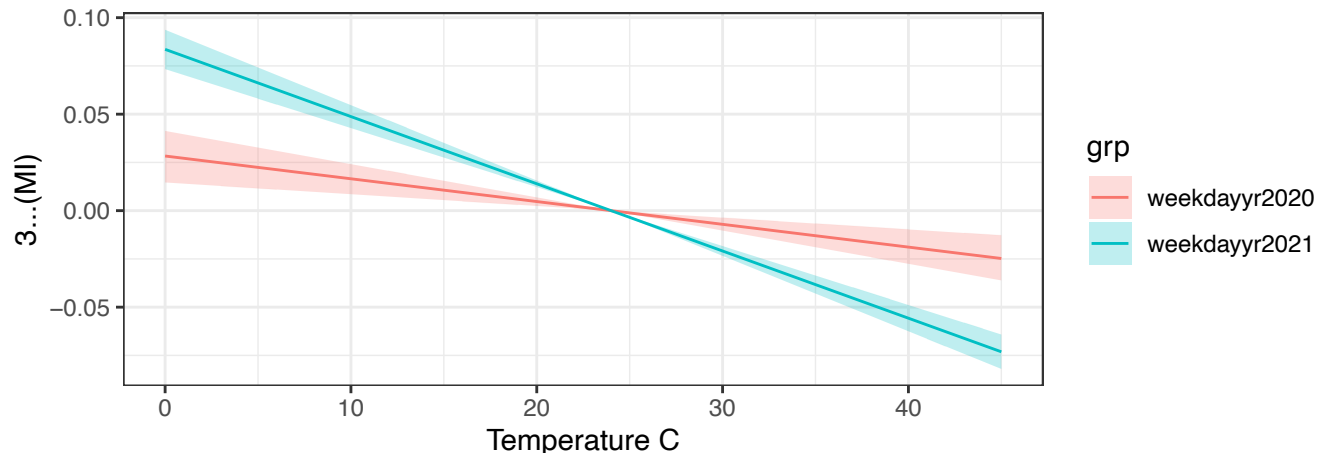


5% extreme heat:Weekend+Year

census\_block\_group + monthweek)

2020 r2: 0.7377 proj r2: 0.0011

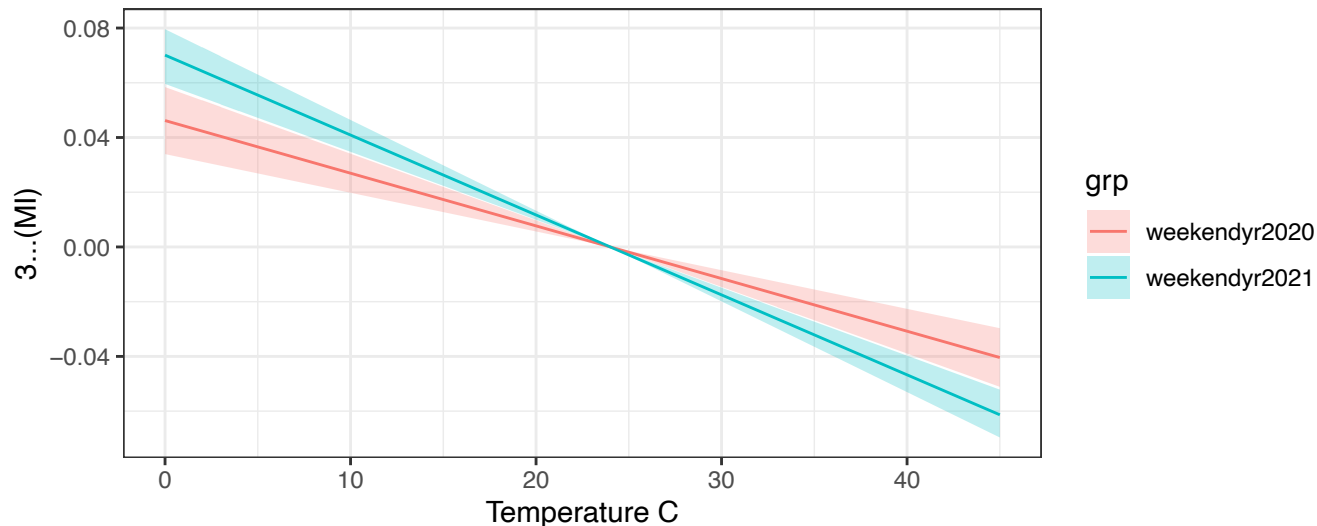
2021 r2: 0.8014 proj r2: 0.0014



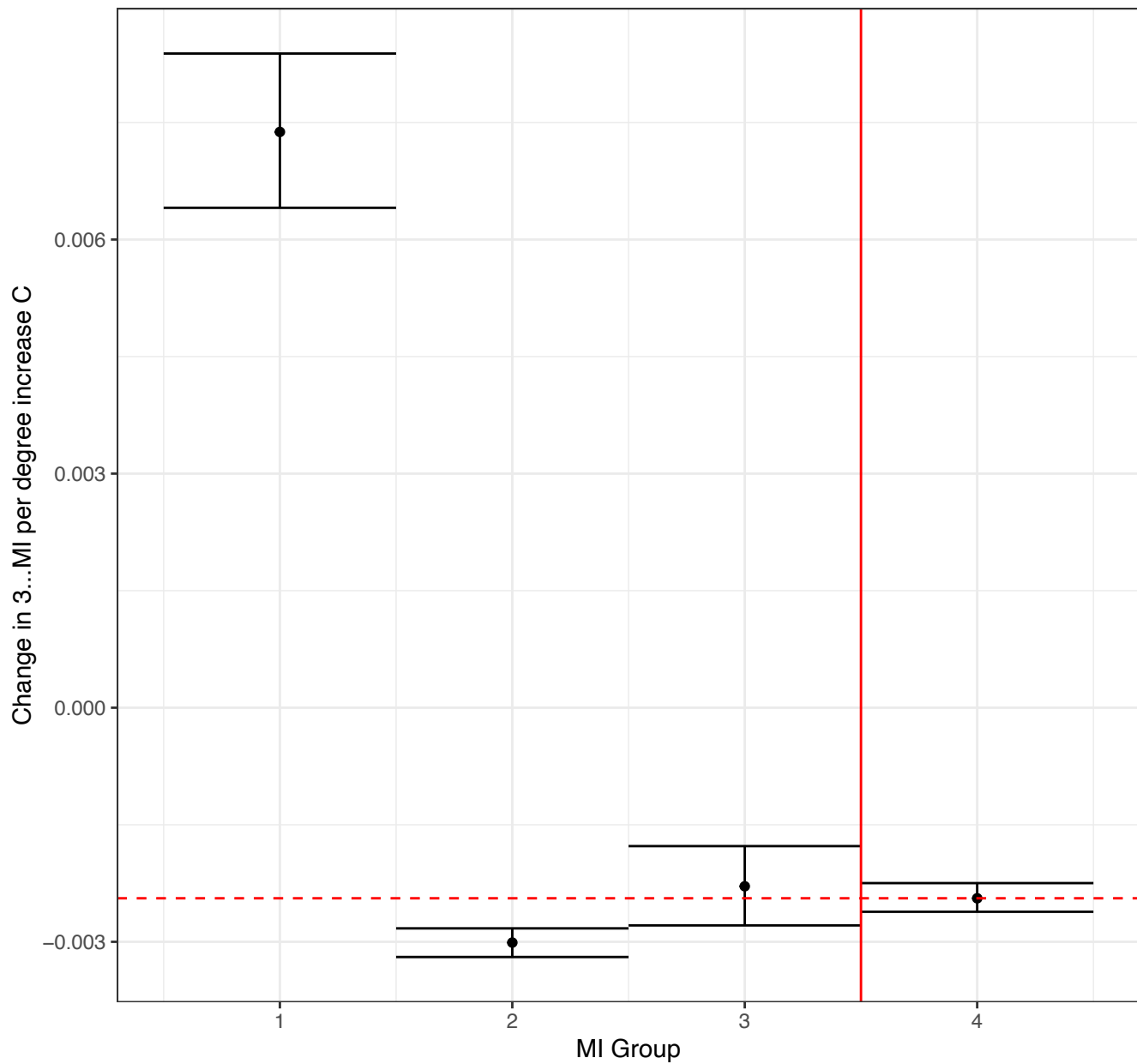
5% extreme heat:Weekday+Year

2020 r2: 0.7377 proj r2: 0.0011

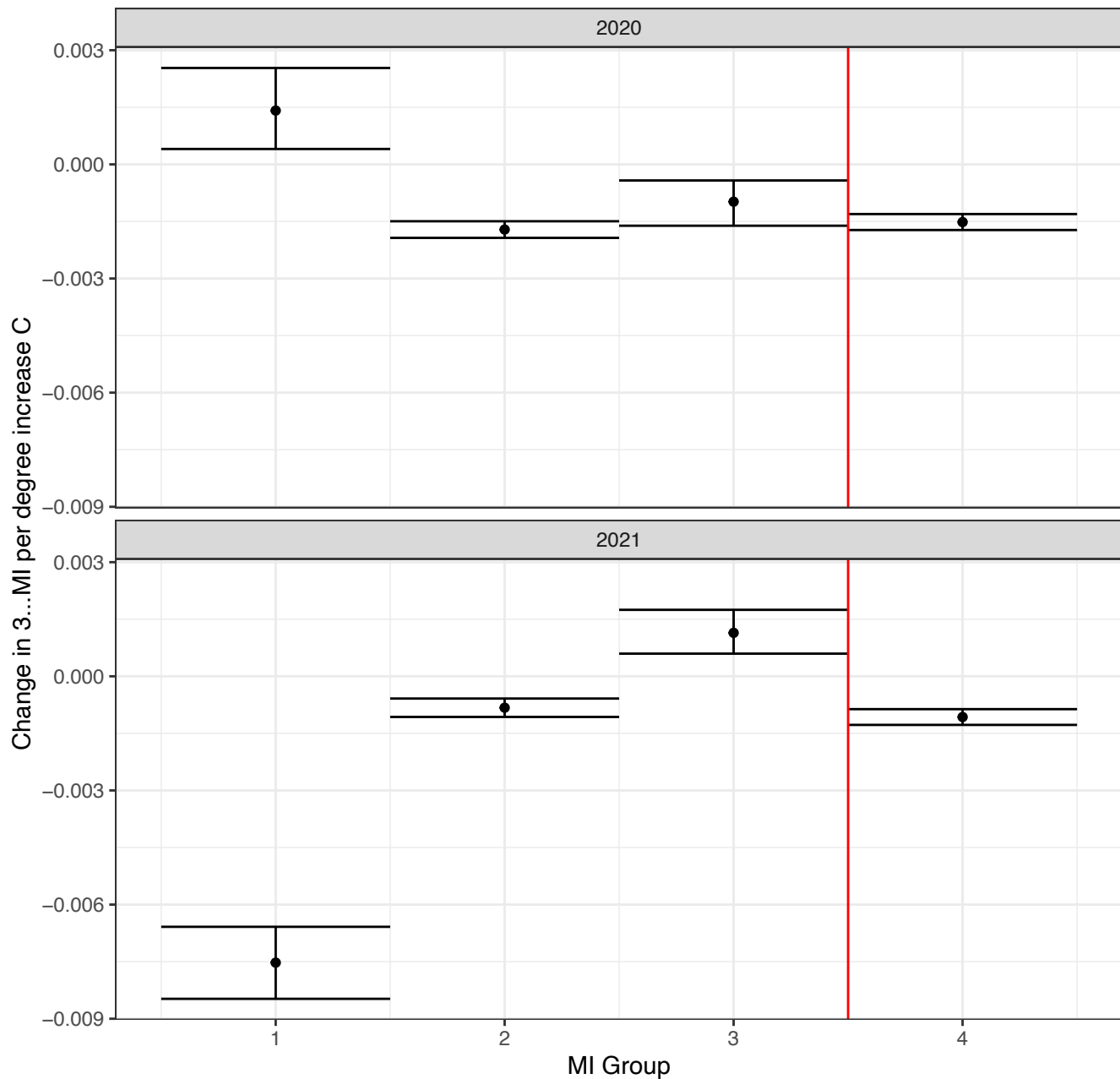
2021 r2: 0.8014 proj r2: 0.0014



Fixed Effects Slope for MI groups  
r2:0.633proj r2:0.001

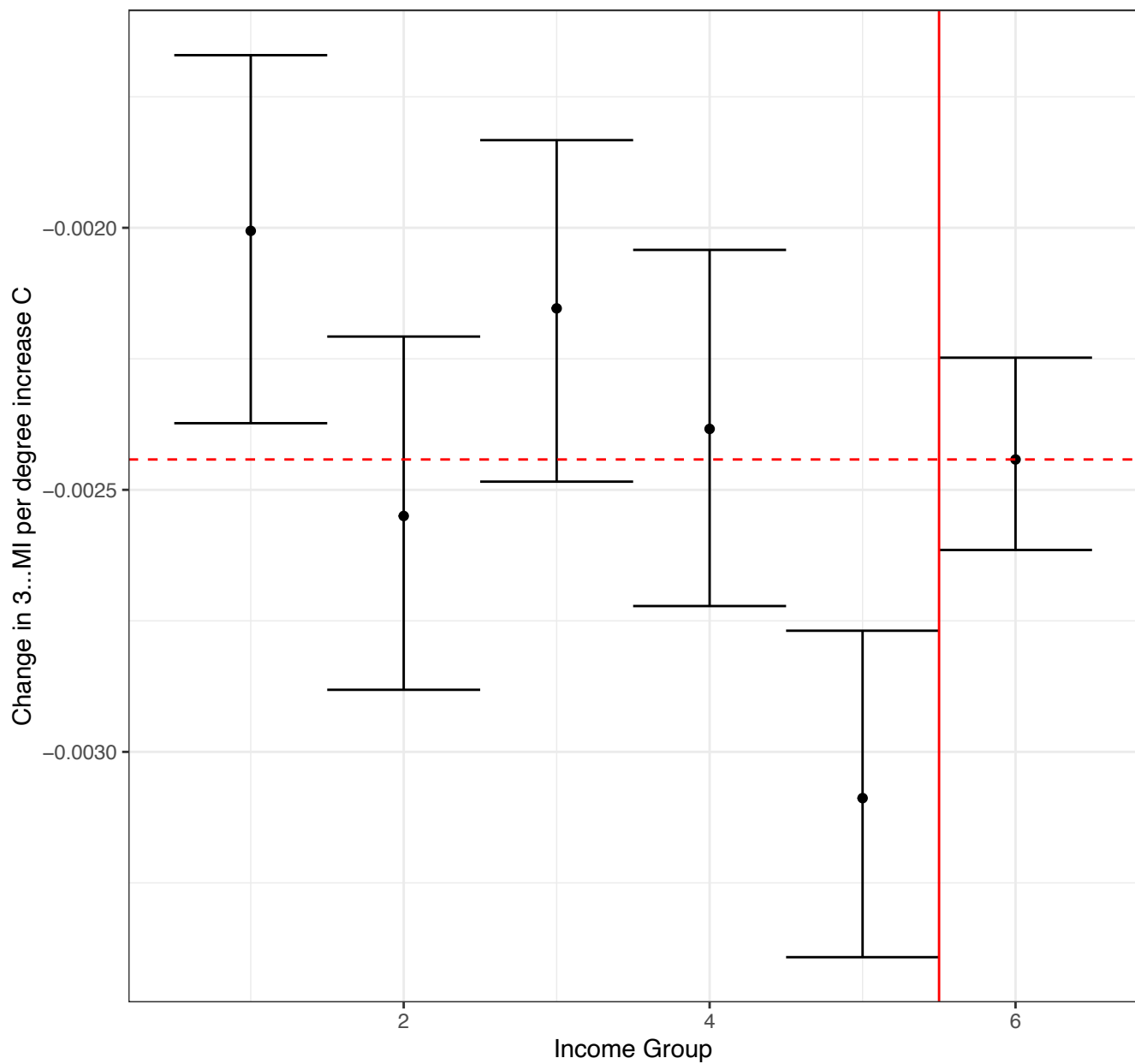


# Fixed Effects Slope for MI groups



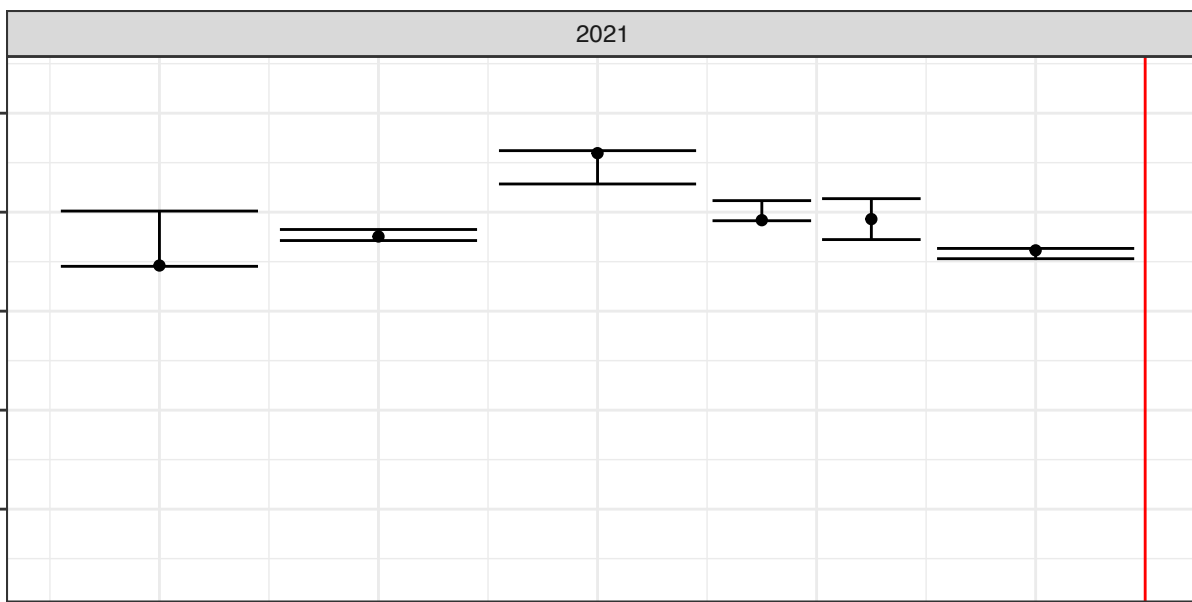
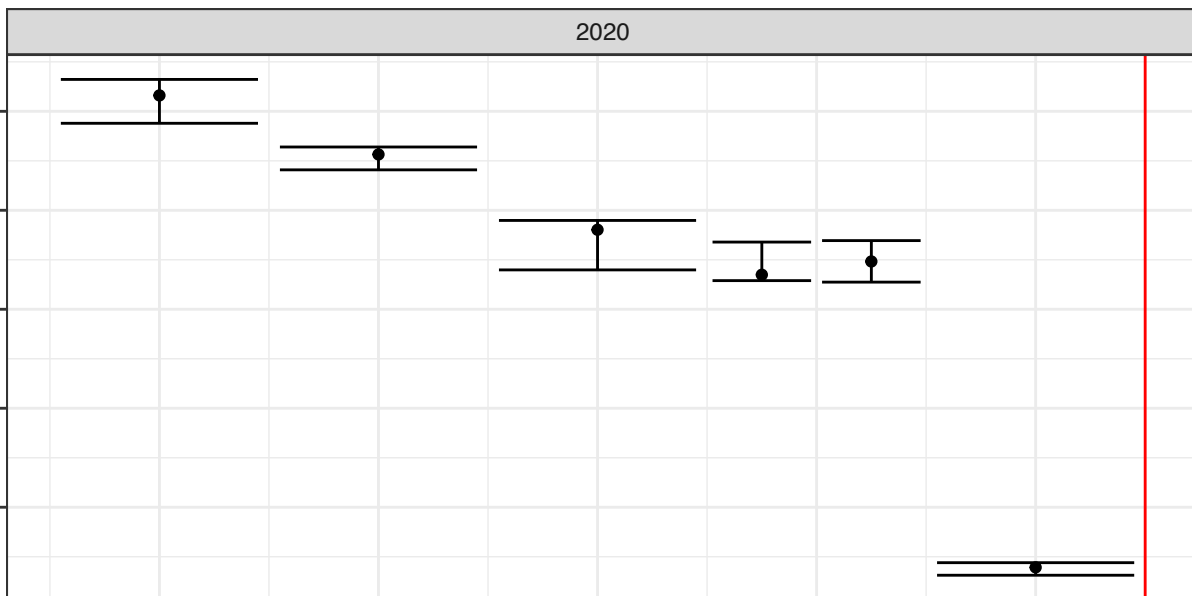
# Fixed Effects Slope for Income groups

$r^2:0.632$ proj  $r^2:0$



# Fixed Effects Slope for all income groups+year

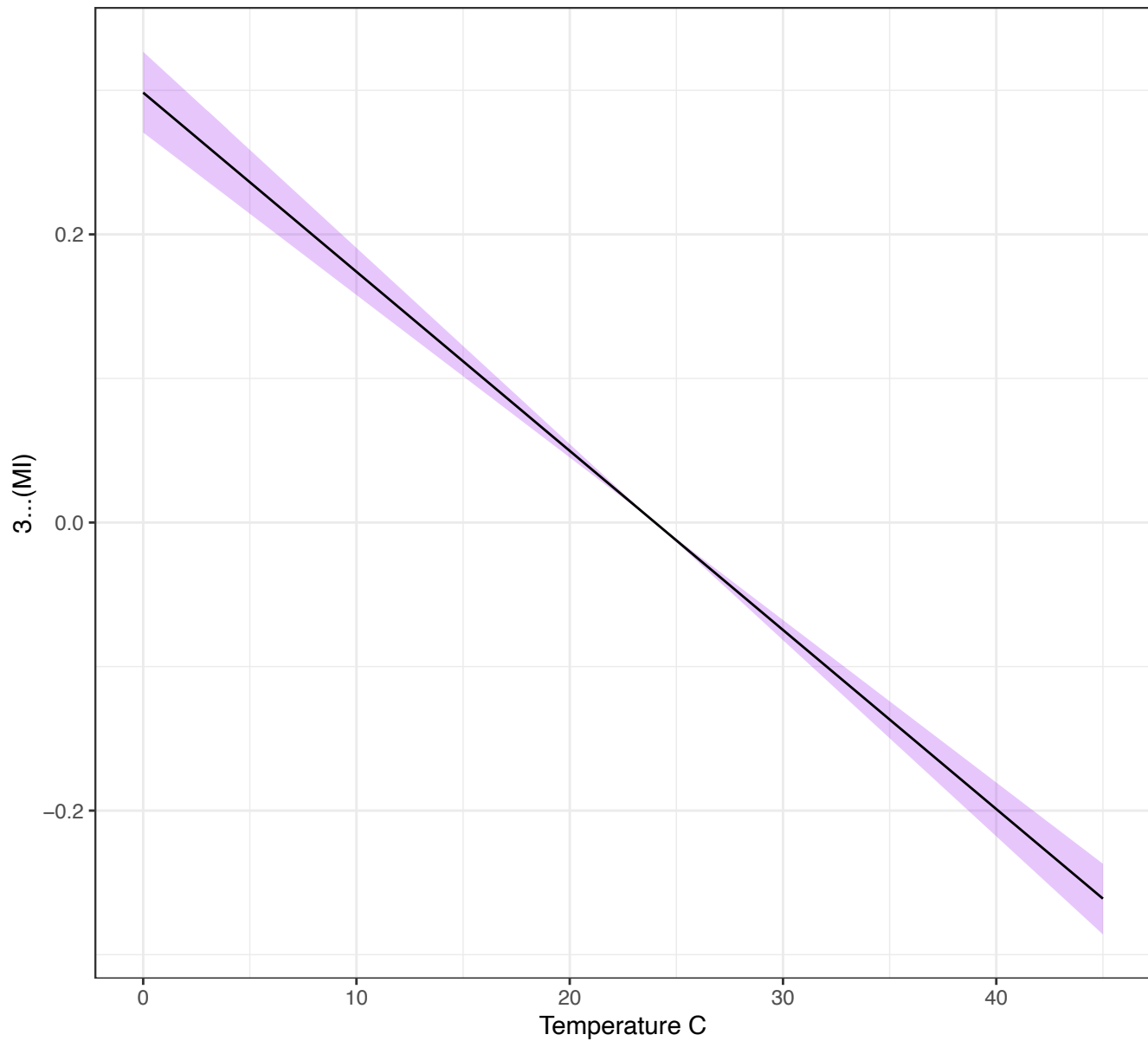
Change in 3...MI per degree increase C



MI Group

MI v Temp z score

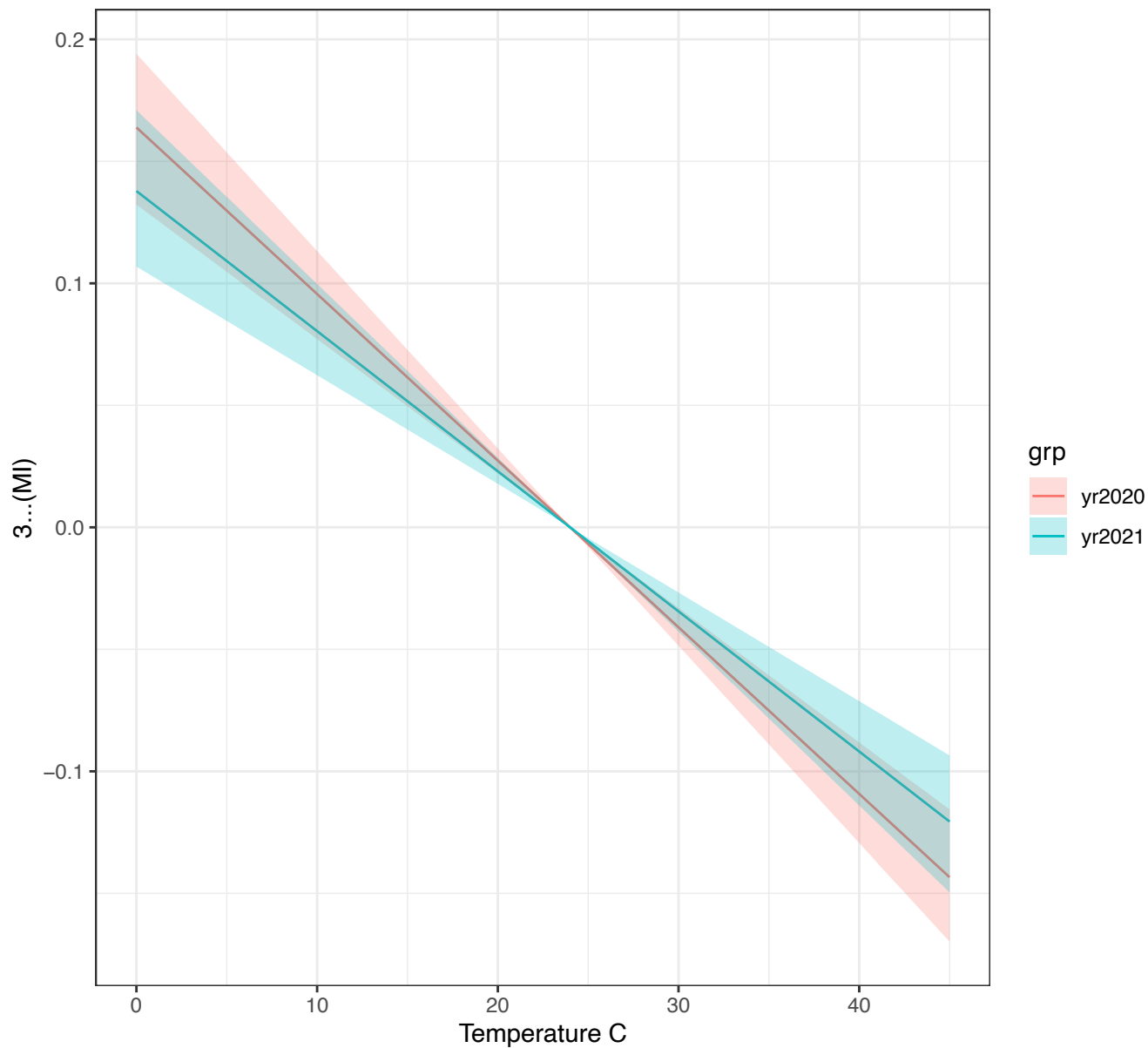
$r^2$ : 0.6308 proj  $r^2$ :  $3e-04$



MI v Zscore year sep

2020 r2: 0.6816 proj r2: 1e-04

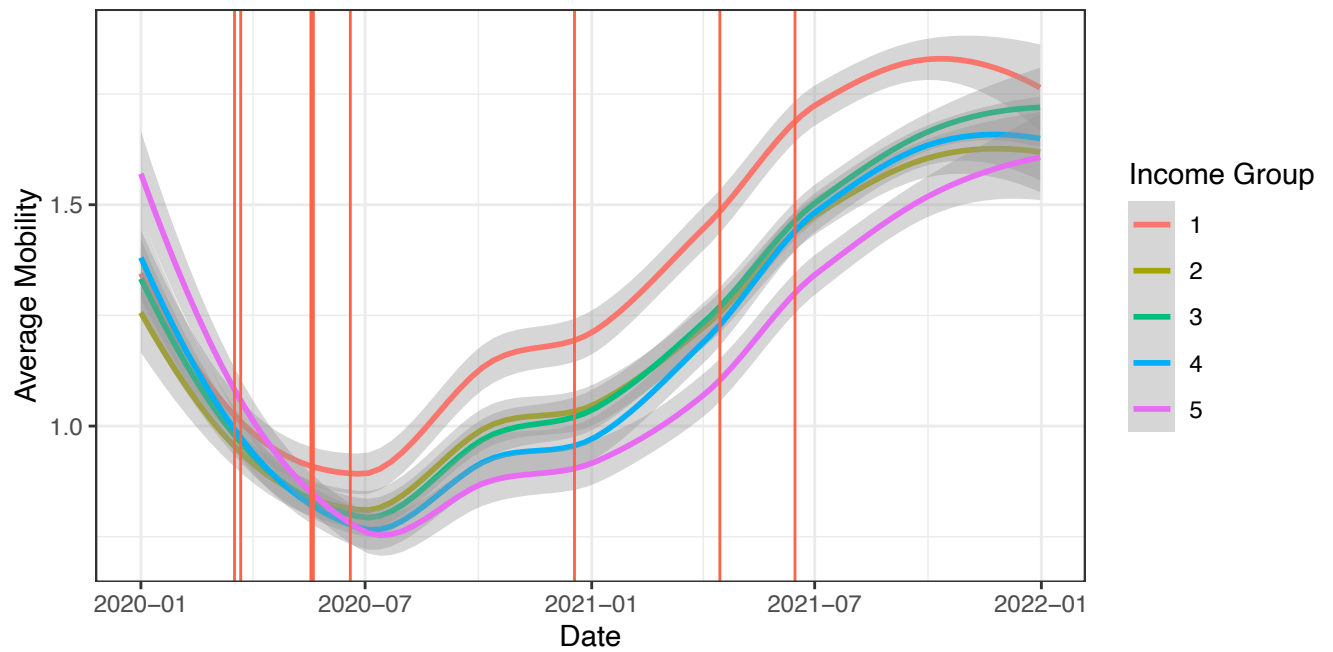
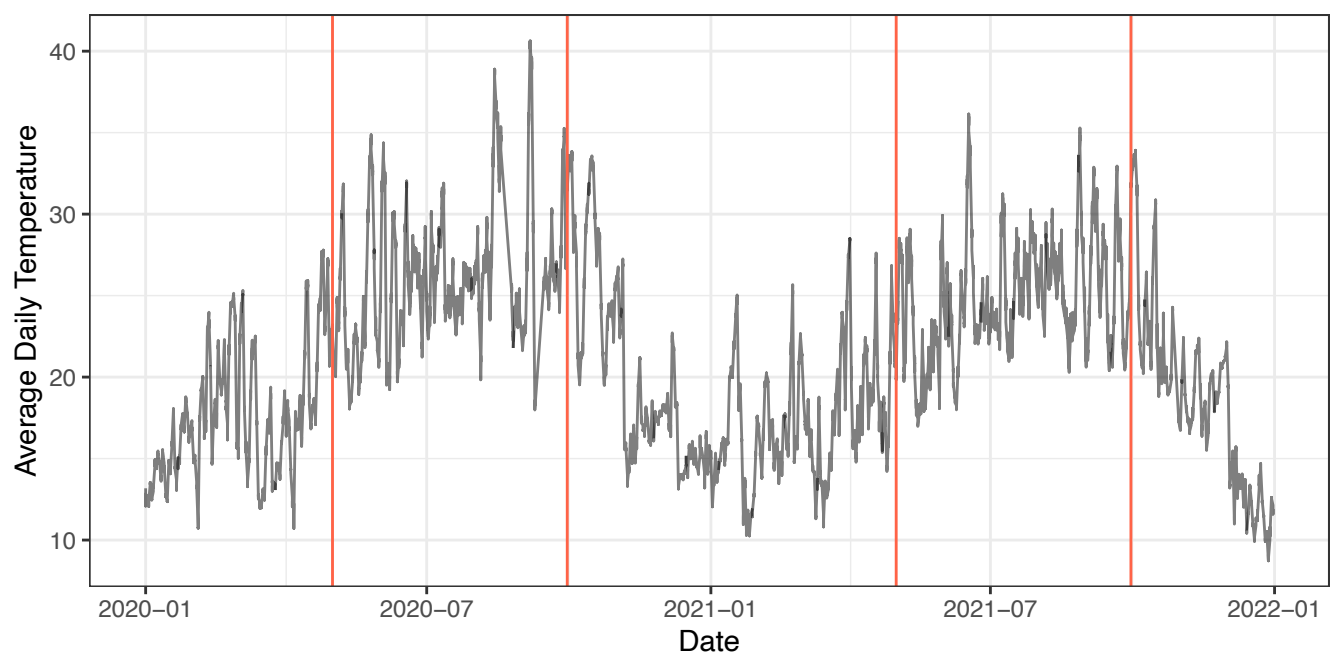
2021 r2: 0.7996 proj r2: 1e-04



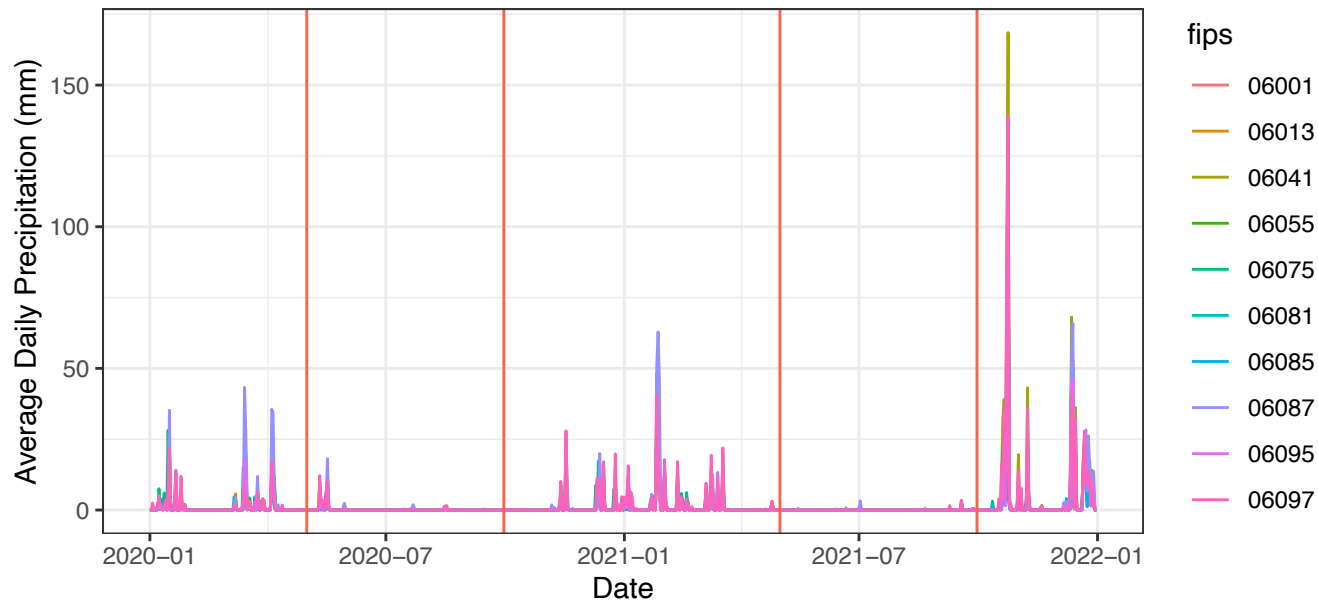
**Adding in precip mean\_high\_c + precip**  
**–0.0025 mean\_high\_c**  
**–0.00898 precip**  
**0.63221 r<sup>2</sup>**  
**7e–04 proj r**



**Adding in precip mean\_high\_c + precip**  
**-0.00264 wb\_temp**  
**0.6321 r2**  
**0.00041 proj r**



# Average Precipitation Trend SF Bay Area



# Total Precipitation Trend SF Bay Area

