

Supplementary material for Persistence of wildfire-related school disruptions

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1 Appendix A

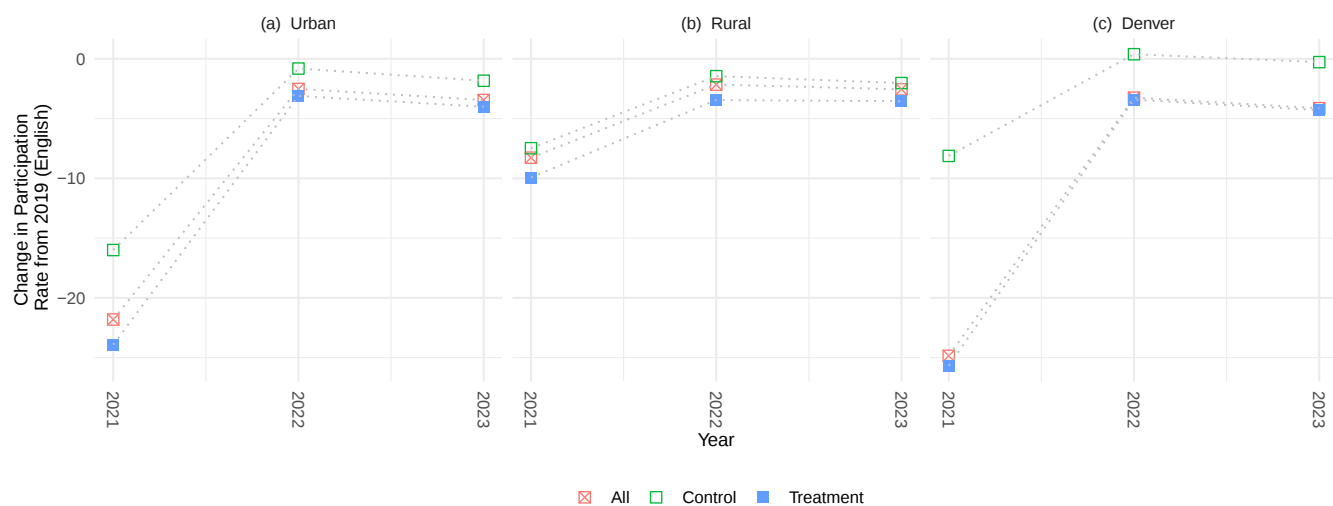


Figure A.1: Raw changes in test participation rate for (a) urban, (b) rural, and (c) Denver area samples

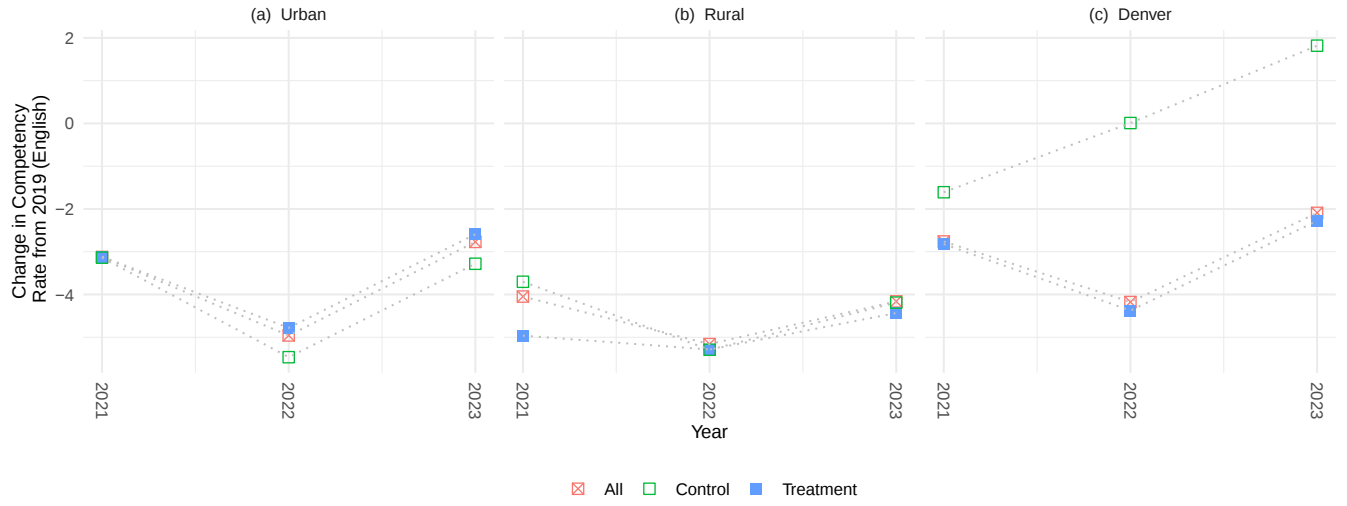


Figure A.2: Raw changes in competency rate for (a) urban, (b) rural, and (c) Denver area samples

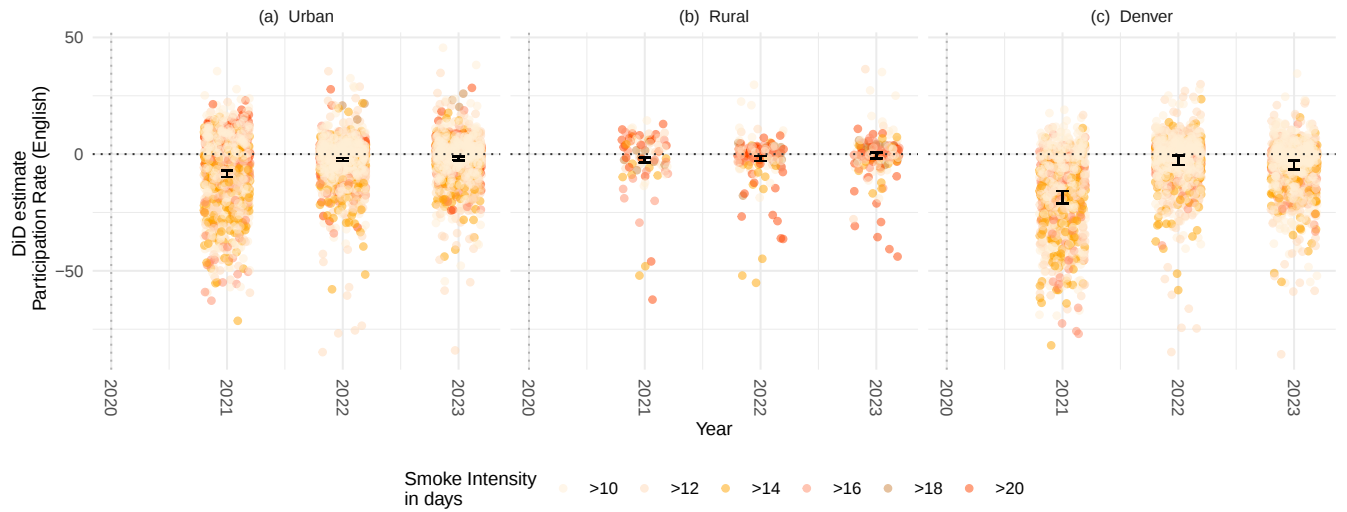


Figure A.3: DiD estimates for English participation rate for (a) urban, (b) rural, and (c) Denver area samples

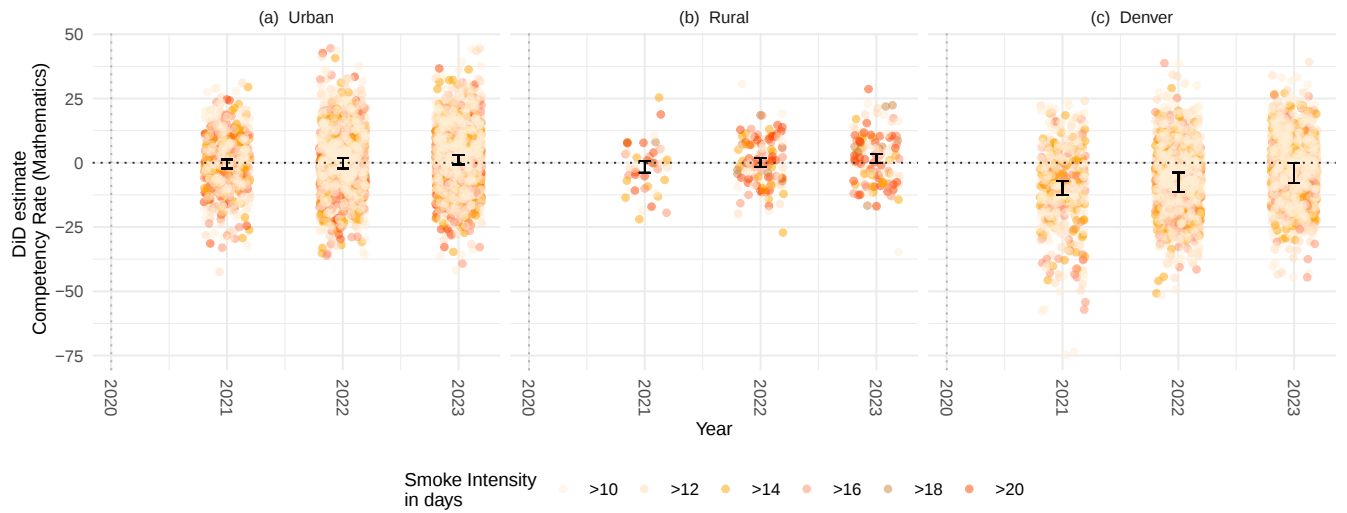


Figure A.4: DiD estimates for English competency rate for (a) urban, (b) rural, and (c) Denver area samples

Note: Due to propensity score related effects on the standard error, Pennington Elementary, Mapleton Adventure Elementary, Glennon Heights Elementary, and Denver County College View Elementary had to be removed from the treatment sample in urban and Denver area samples. We do not believe that exclusion of these schools change the results considerably.

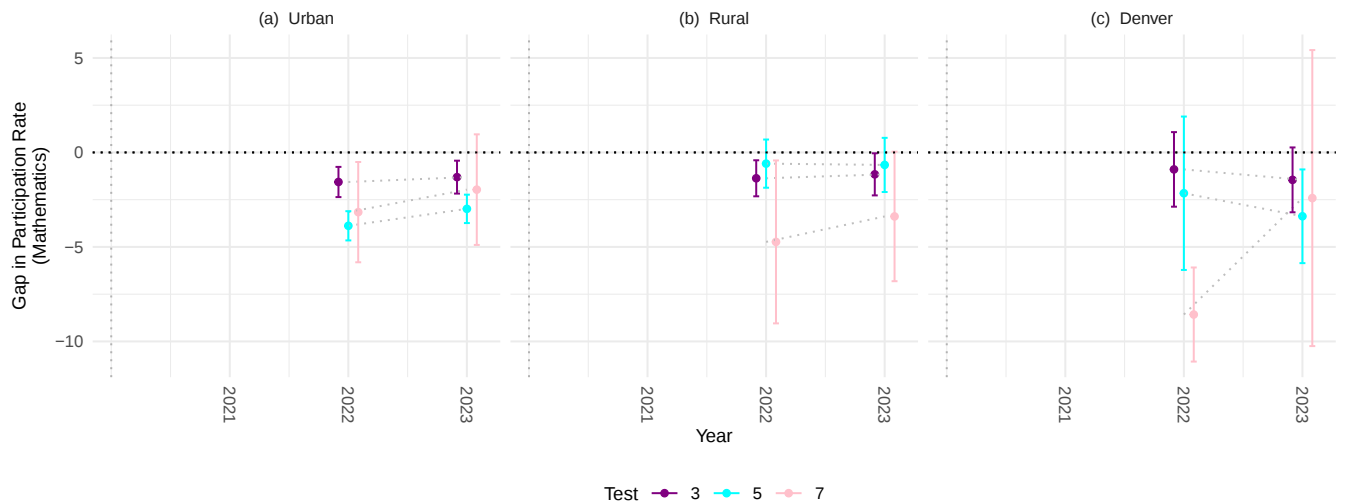


Figure A.5: Grade level DiD estimates for Math participation rate for (a) urban, (b) rural, and (c) Denver area samples

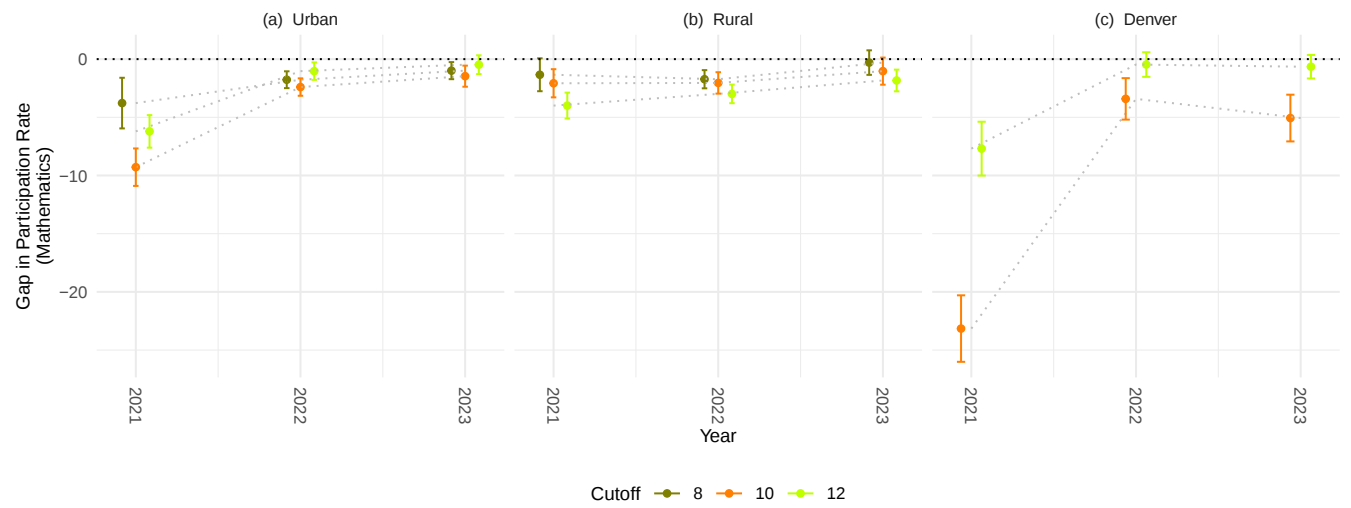


Figure A.6: Different cutoffs for Math participation rate for (a) urban, (b) rural, and (c) Denver area samples

2 Appendix B

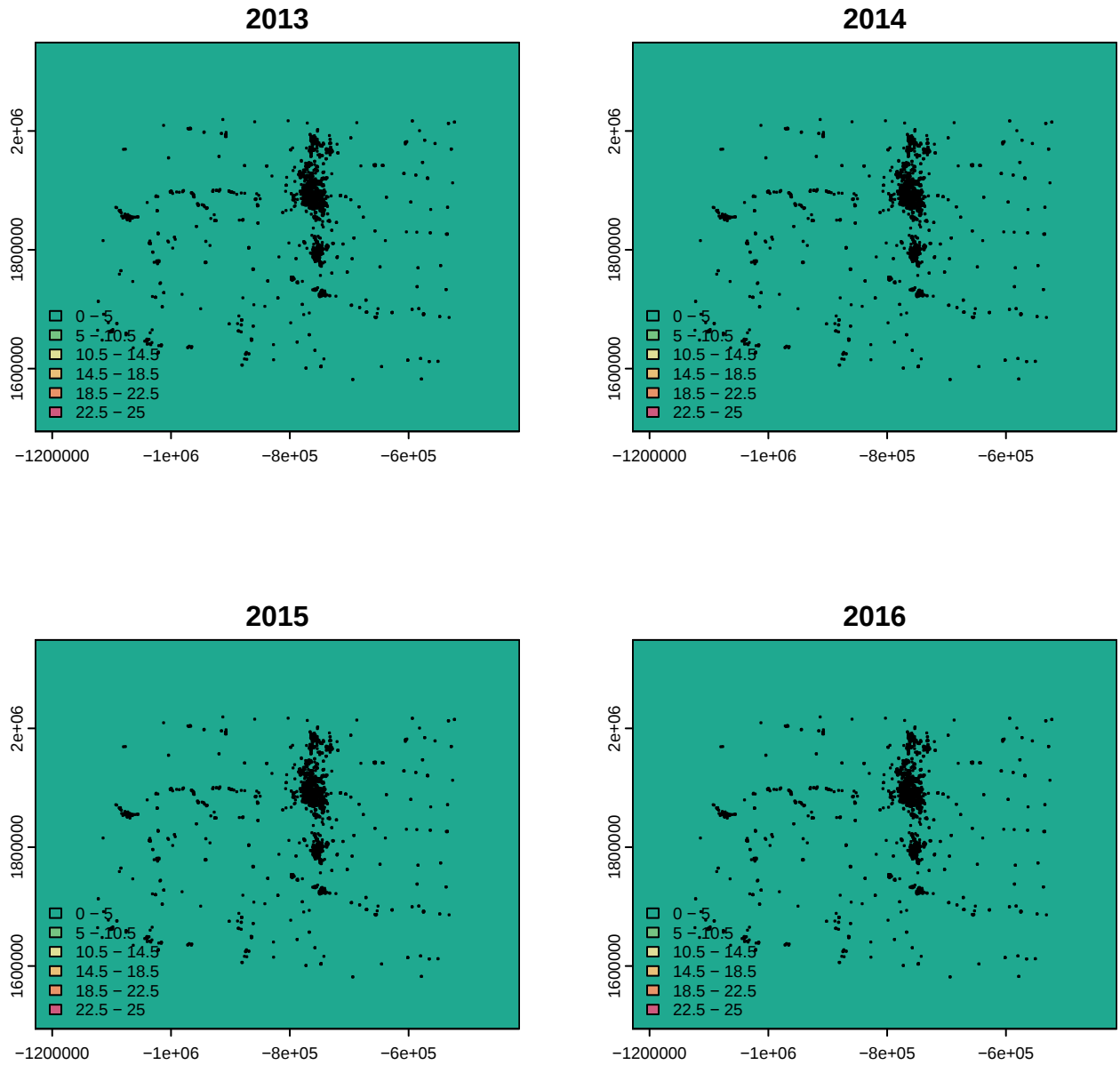


Figure B.7: Heavy wildfire smoke during school year for 2013-2016

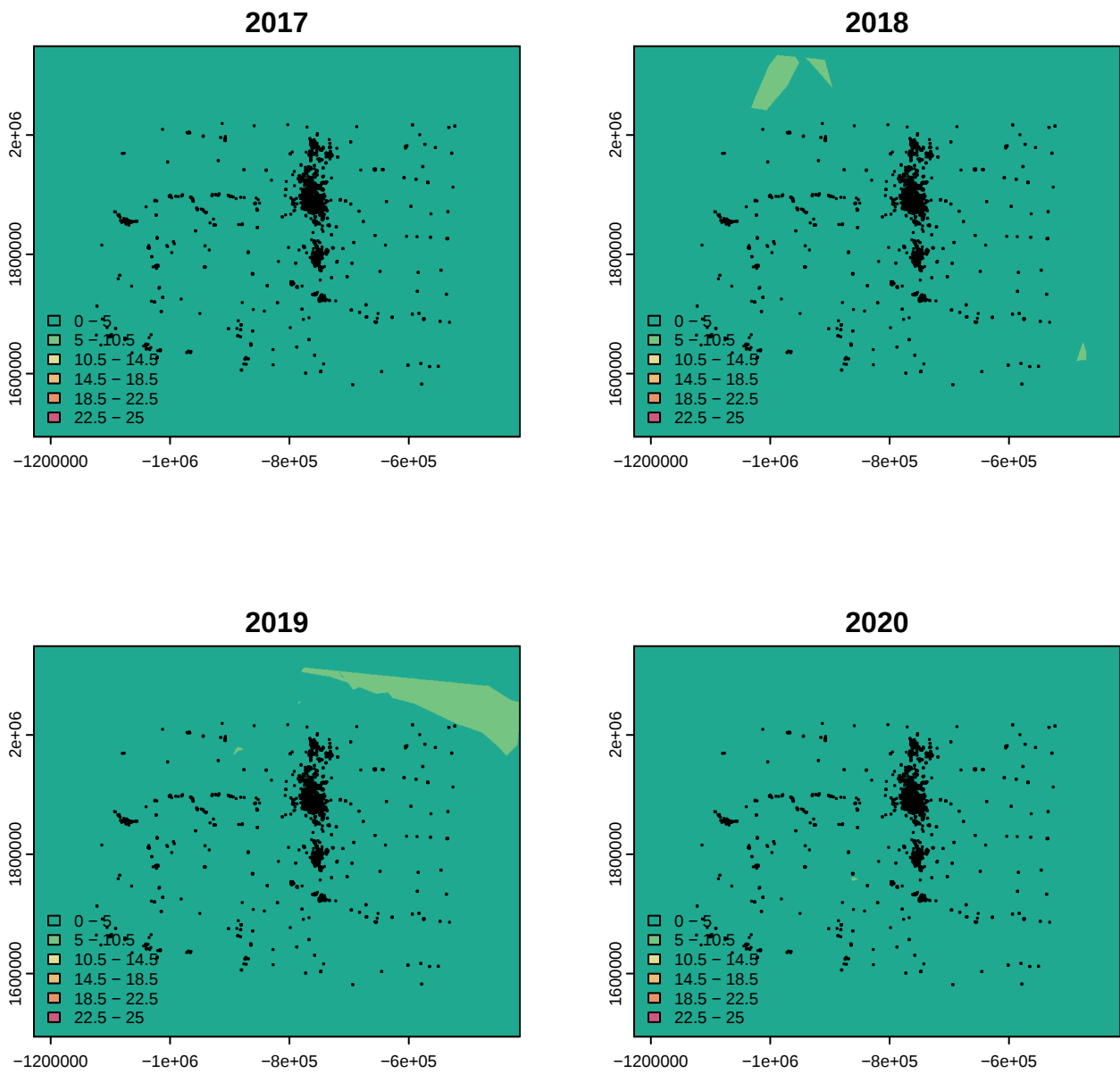


Figure B.8: Heavy wildfire smoke during school year for 2017-2020

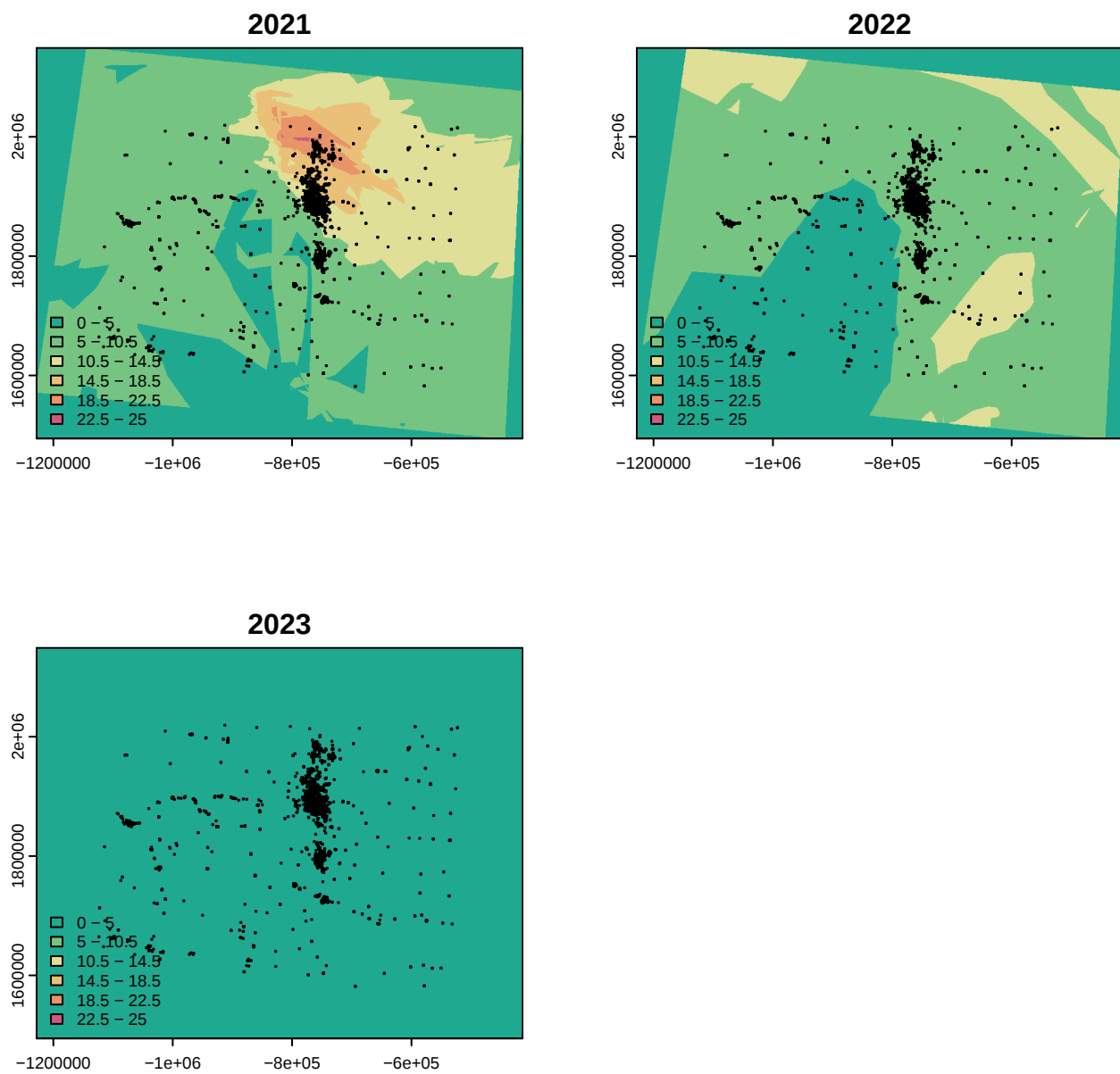


Figure B.9: Heavy wildfire smoke during school year for 2021-2023