Supporting Information for

Role of Location, Season, Occupant Activity, and Chemistry on Indoor Ozone and Nitrogen Oxide Mixing Ratios

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Figure S1. Statistics of air exchange rate (AER) and oxidant* levels measured during the background periods (i.e., closed windows, no cooking) in the lab and office in two seasons. The box and whisker plots show the median (line), mean (marker), upper and lower quartiles (box), and 10th and 90th percentiles (whiskers). Note that outdoor measurements were not made during the lab and office sampling in fall/winter 2017, nor during the lab measurements in spring 2018.



Figure S2. Diurnal profiles of oxidant* levels measured in the residence, lab, and office for the entire study period. The box and whisker plots show the median (line), mean (marker), upper and lower quartiles (box), and 10th and 90th percentiles (whiskers).



Figure S3. Time series of oxidant* observed in the residence sampled through the environmental chamber for O_3 -perturbation experiement #2 and #3 performed after cooking. Shaded areas indicate different conditions noted in the legend of the graph.



Figure S4. Time series of oxidant* observed in the residence sampled through the environmental chamber for O_3 -perturbation experiement #4 and #5 performed after cooking. Shaded areas indicate different conditions noted in the legend of the graph.



Figure S5. Time series of oxidant* observed in the residence sampled through the environmental chamber for O_3 -perturbation experiement #6 performed after cooking. Shaded areas indicate different conditions noted in the legend of the graph.



Figure S6. Time series of oxidant* observed in the residence sampled through the environmental chamber for O_3 -perturbation experiment #7 under background conditions. Shaded areas indicate different conditions noted in the legend of the graph.