Supplementary Information for:

An Arctic Ozone Hole in 2020 If Not For the Montreal Protocol

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This Supplement Includes:

Figures S1 to S6
**Figure S1.** Evolution of Total Equivalent Effective Chlorine in ppbv, globally averaged, in the Real World run and the World Avoided. The two diverge beginning in 1985.
Figure S2. As for Figure 1, but for 2011.
Figure S3. As for the left panel of Figure 2, but in log-scale.
30 **Figure S4.** As for Figure 4, but for the Antarctic.
Figure S5. Minimum ozone across the polar cap (70° N-90° N, all longitudes) for each day in 2020 for Real World (teal) and World Avoided (orange) runs in SD-WACCM at 73 mb.
Figure S6. (a) Comparison between the Real World and World Avoided profiles in SD-WACCM at the model gridpoint nearest to Eureka station for August 1st, 2019. Note the y-axis goes to lower pressures than the profiles in Figures 2 and 5. (b) Comparison between the total column ozone depletion and the partial column ozone depletion at altitudes above 20 mb in the Real World vs World Avoided runs.