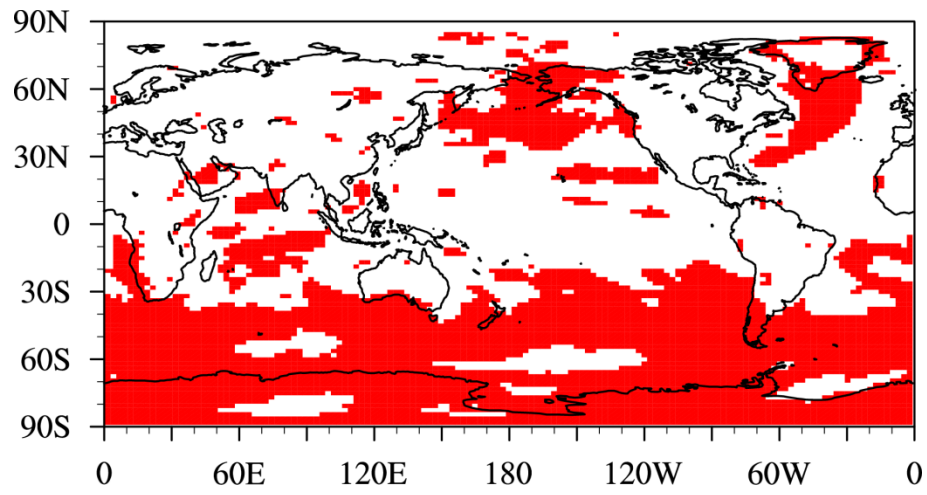


Supplemental Figures

a)



b)

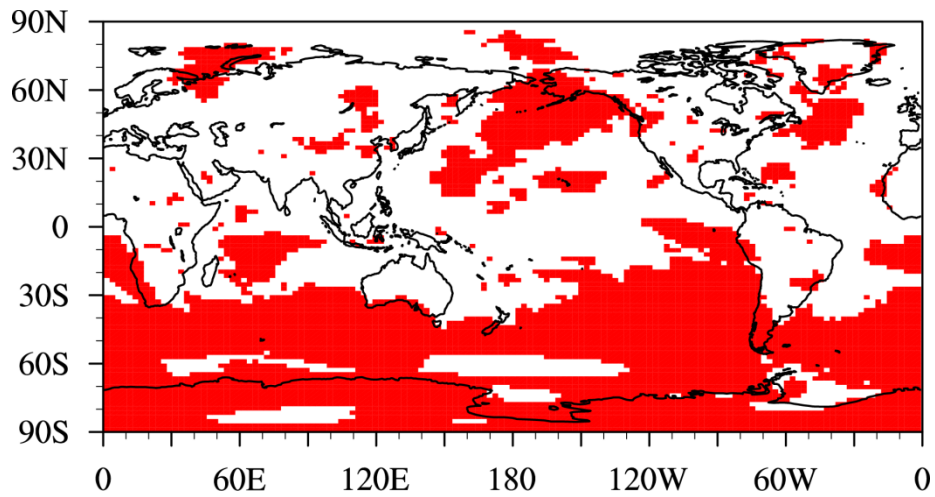


Fig. S1. The results of the paired t-test ( $P < 0.05$ ) between marine-source submicron OM concentration and CCN number changes for a) G11 and b) V10 simulations.

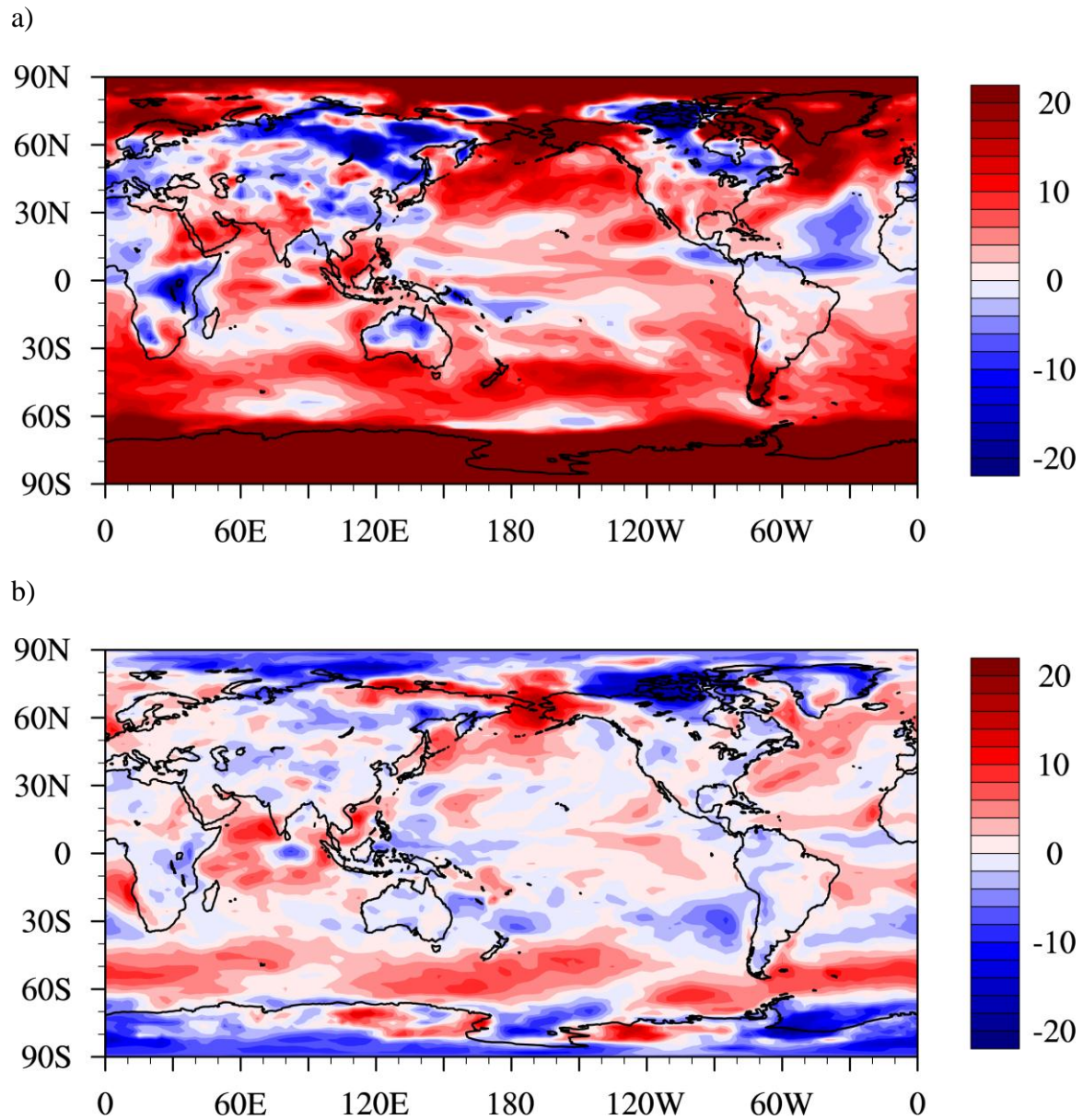


Fig. S2. Annual average percentage change in surface CCN concentration at a) 0.01% and b) 1% supersaturation between the Default and G11 simulations.