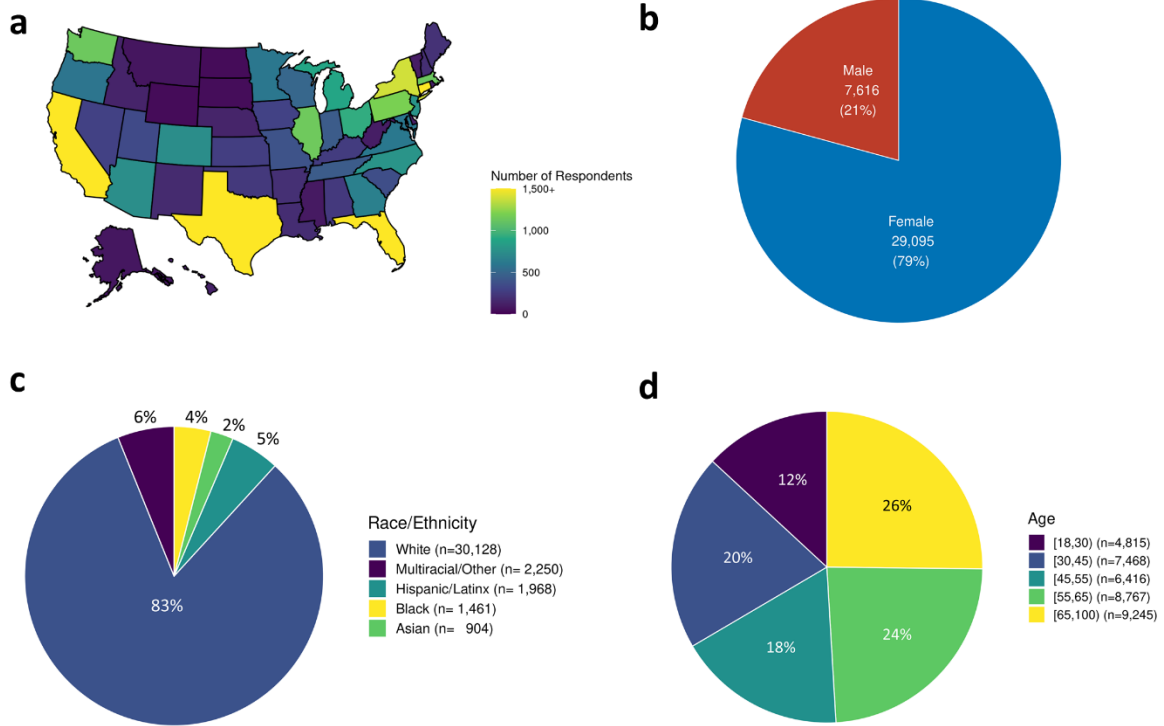
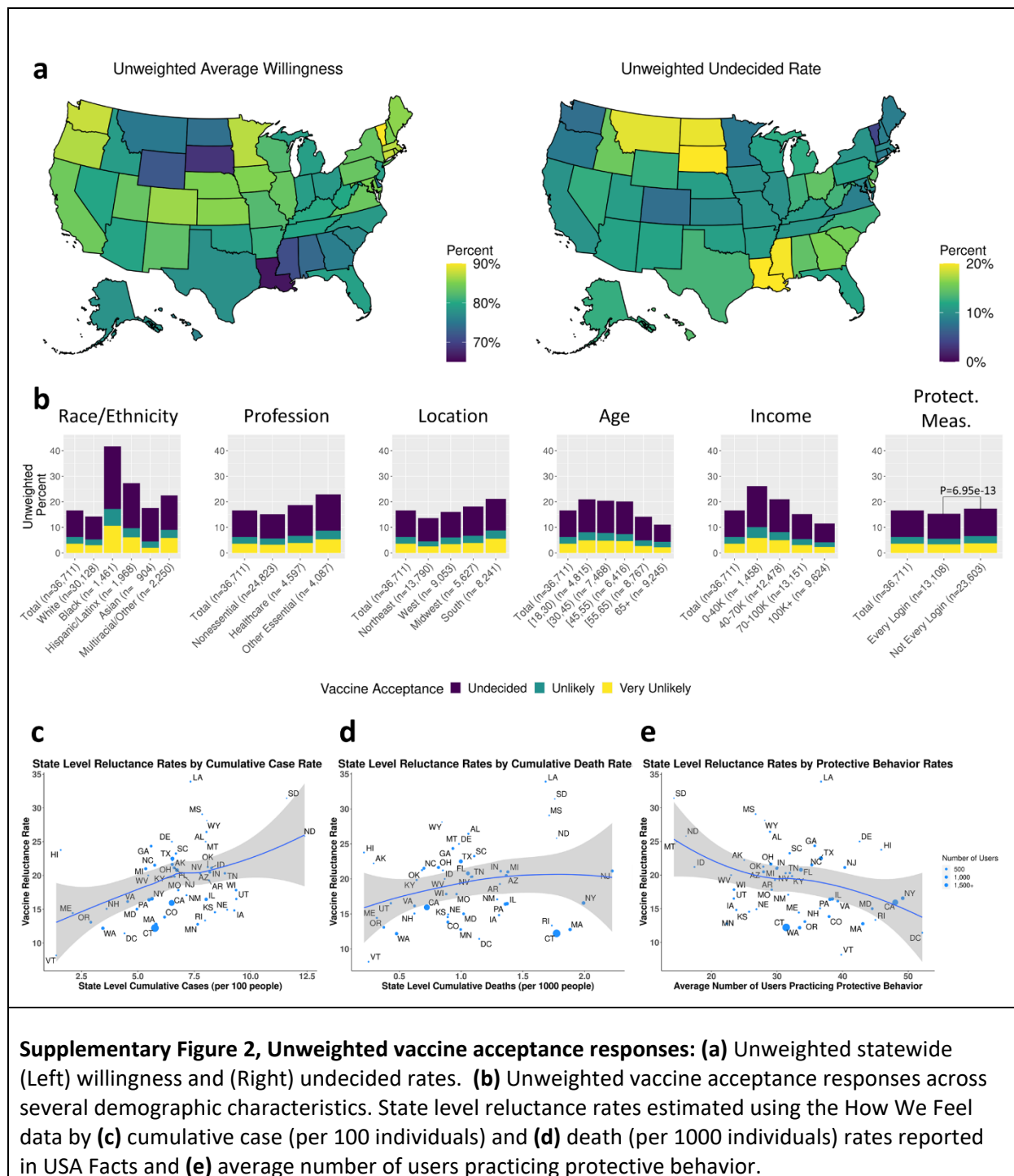
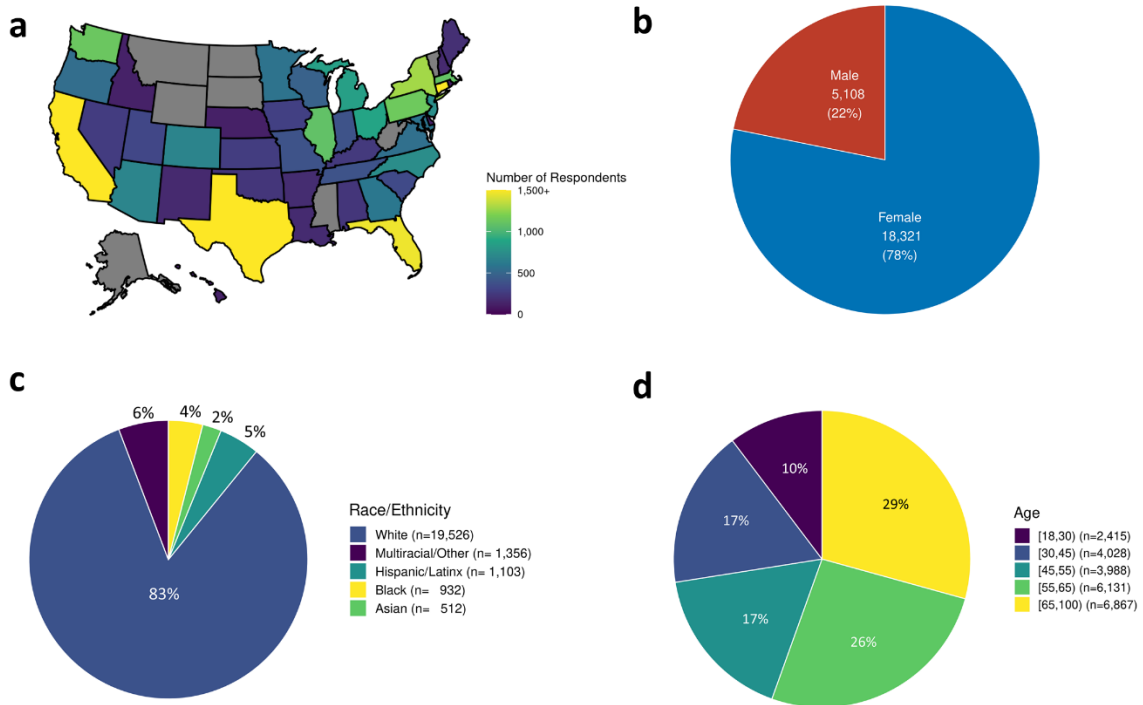


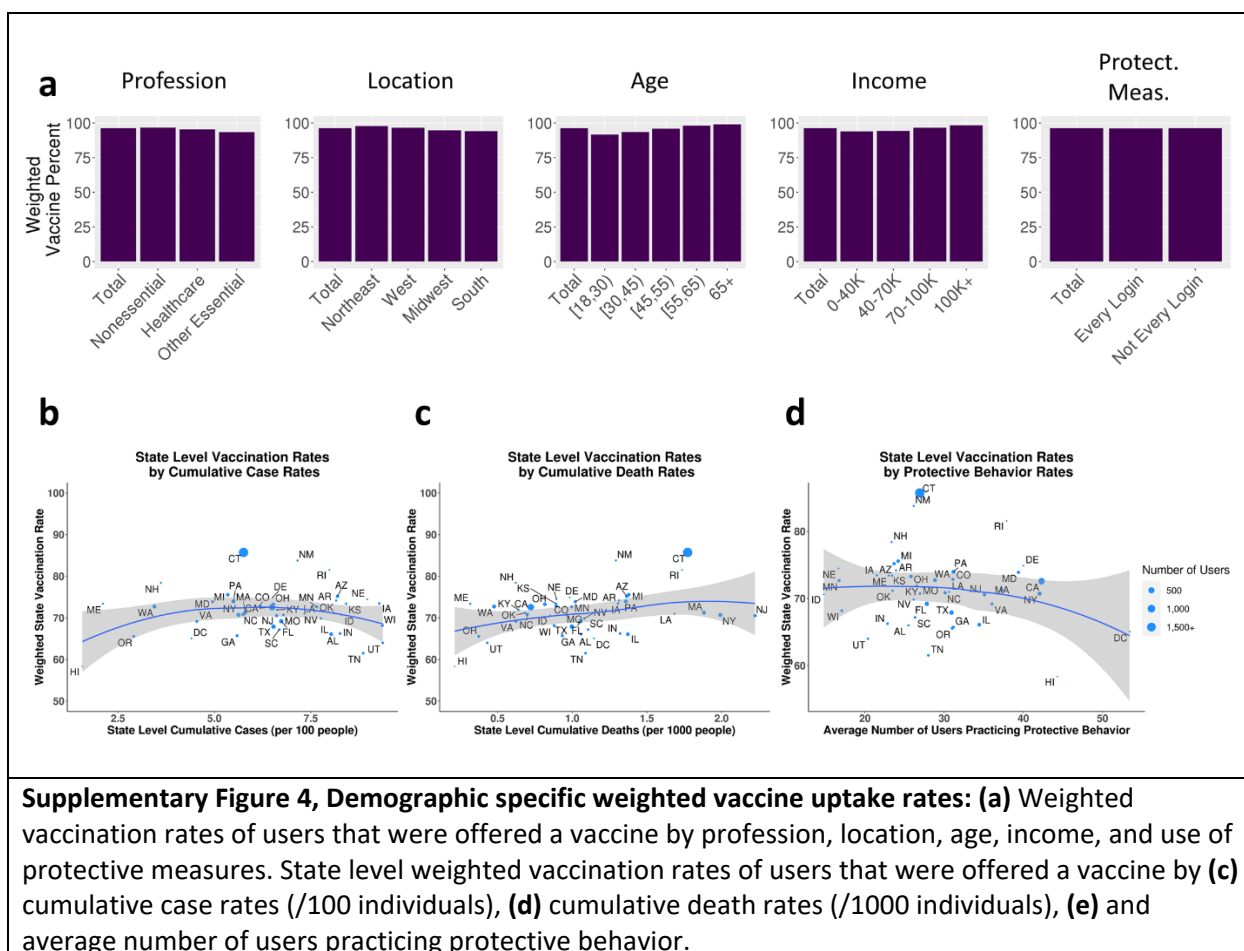


Supplementary Figure 1, HWF Vaccine Acceptance Demographic Distributions : Demographic break down of the HWF user base that responded to the vaccine acceptance question by **(a)** state, **(b)** sex, **(c)** race and **(d)** age.





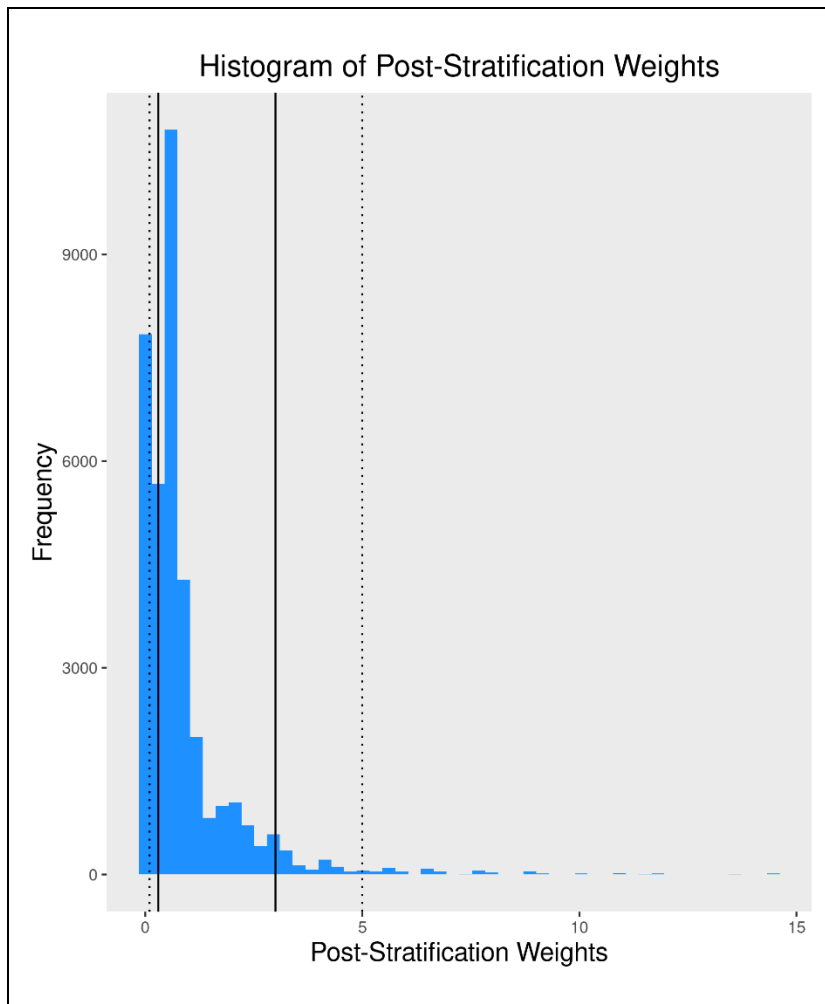
Supplementary Figure 3, HWF Vaccine Uptake Demographic Distributions : Demographic break down of the HWF user base that responded to the vaccine uptake question by **(a)** state, **(b)** sex, **(c)** race and **(d)** age.



Supplementary Figure 4, Demographic specific weighted vaccine uptake rates: (a) Weighted vaccination rates of users that were offered a vaccine by profession, location, age, income, and use of protective measures. State level weighted vaccination rates of users that were offered a vaccine by **(c)** cumulative case rates (/100 individuals), **(d)** cumulative death rates (/1000 individuals), **(e)** and average number of users practicing protective behavior.



Supplementary Figure 5, Demographic Specific Vaccine Uptake Rates: (a) Unweighted vaccination rates by state of (Left) all users that responded to the vaccine uptake question and (right) users that were offered a vaccine. (b) Vaccination rates of users that were offered a vaccine by vaccine acceptance, race/ethnicity, profession, location, age, income, and use of protective measures. (c) State level vaccination rates of users that were offered a vaccine by (b) cumulative case rates (/100 individuals), (c) cumulative death rates (/1000 individuals), (d) and average number of users practicing protective behavior.



Supplementary Figure 6, Post-Stratification Weights: Histogram of post-stratification weights adjusted for census location, race, age, and sex. Solid lines indicate the trimming threshold and the dotted line indicates the trimming threshold for the sensitivity analysis.

