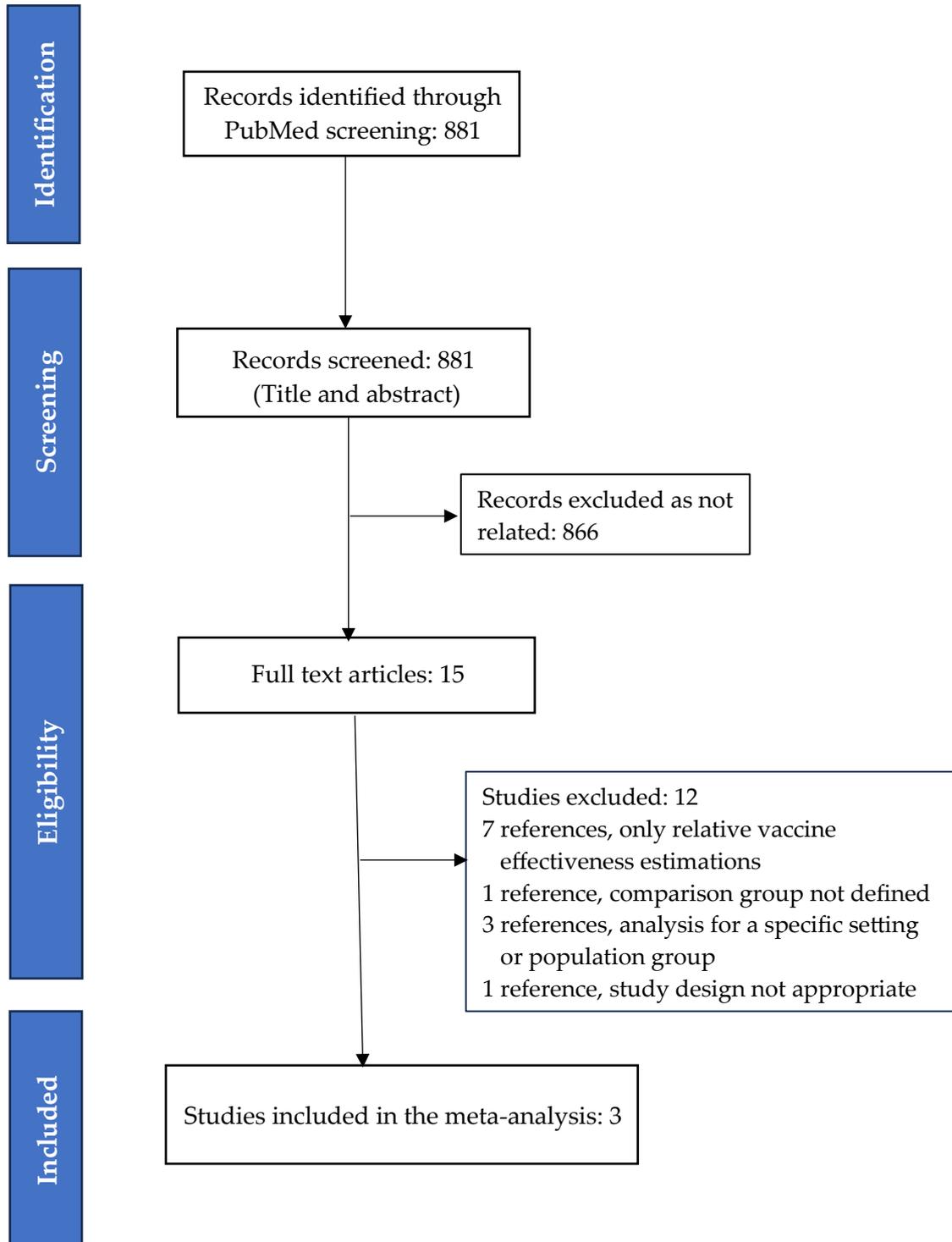


Supplementary material

Supplementary Figure S1. Prisma flow diagram









**Supplement Figure S5.** Vaccination coverage (%) required to establish herd immunity against SARS-CoV-2 with reproductive numbers ( $R_0$ ) from 6 to 12 by effectiveness (%) for adapted vaccines using face masks, social distancing and travel restrictions to reduce viral transmissibility by 54.3%. With 10% prevalence of protected individuals in the population. Objectives of vaccination coverage of 70%, 80% and 90% indicated by dashed red, blue and green lines, respectively

