SS Fig. Contour-enhanced funnel plots of logarithmic risk estimates vs. the standard error for each included study evaluating relative risk of severe COVID-19 (left panel), hospitalization (middle panel) and mortality (right panel), with adjustment using the trim-and-fill approach. Blue circles represent the studies included in each meta-analysis, while red circles represent potentially missing studies imputed after adjusting for funnel plot asymmetry. The vertical red line corresponds to the observed effect size. Differentially shaded areas indicate the level of significance of the effect sizes. No statistically significant asymmetry was observed in the analysis for hospitalization or mortality (Egger’s test intercept values -0.76 [p=0.823] and -0.89 [p=0.063] respectively). Funnel plot for studies evaluating severe COVID-19 showed significant asymmetry (Egger’s test intercept value -1.32 [p=0.006]). In plots for severe COVID-19 and mortality data, the potentially missing studies were predominantly located in regions of statistical significance (those with relatively lighter or clear shading). This suggests that the apparent asymmetry observed in either analysis is more likely due to reasons other than publication bias.