Methods and Results

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Methods

Data analysis

Results

Q1: Proportion of asymptomatic cases

We included 103 studies that reported empirical data about 22,882 people with SARS-CoV-2 infection (7,298 defined as having asymptomatic infection).

- Q2.1: Secondary attack rate from asymptomatic and presymptomatic cases
- Q2.2: Proportion of transmission from asymptomatic or pre-symptomatic infections

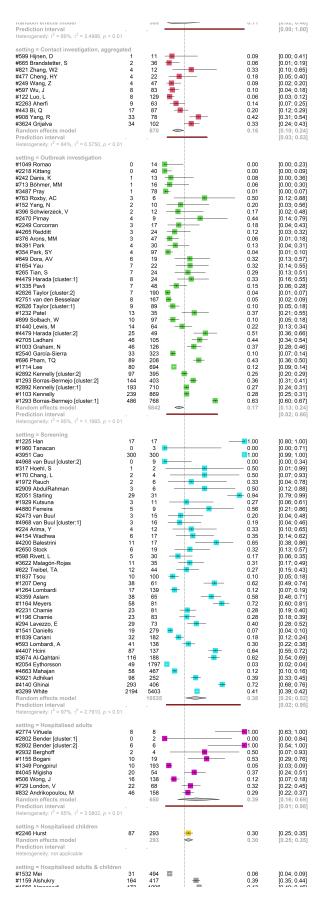


Figure 1: Figure 1. Forest plot of proportion of people with asymptomatic SARS-CoV-2 infection, stratified by setting

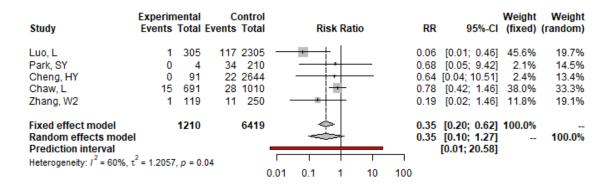


Figure 2: Figure 2. Forest plot of secondary attack rate comparing infections in contacts of asymptomatic index cases with infections in contacts of symptomatic cases

Study	Experiment Events To	ntal (otal Events	Control Total	Risk Ratio	RR	95%-CI	Weight (fixed)	Weight (random)
Park, SY Cheng, HY	0 2 2	11 34 299 22	210 · 2 2644			[0.02; 4.06] [0.19; 3.40]		21.9% 78.1%
Fixed effect model Random effects model Heterogeneity: $l^2 = 0\%$, τ	el	310	2854	0.1 0.51 2 10		[0.11; 1.92] [0.18; 2.26]		100.0%

Figure 3: Figure 3. Forest plot of secondary attack rate comparing infections in contacts of presymptomatic index cases with infections in contacts of symptomatic cases

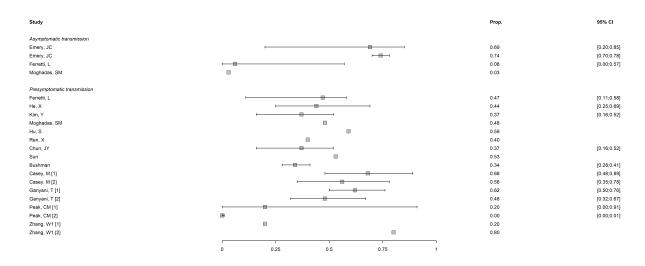


Figure 4: Figure 4. Forest plot of proportion of SARS-CoV-2 infection resulting from asymptomatic or presymptomatic transmission