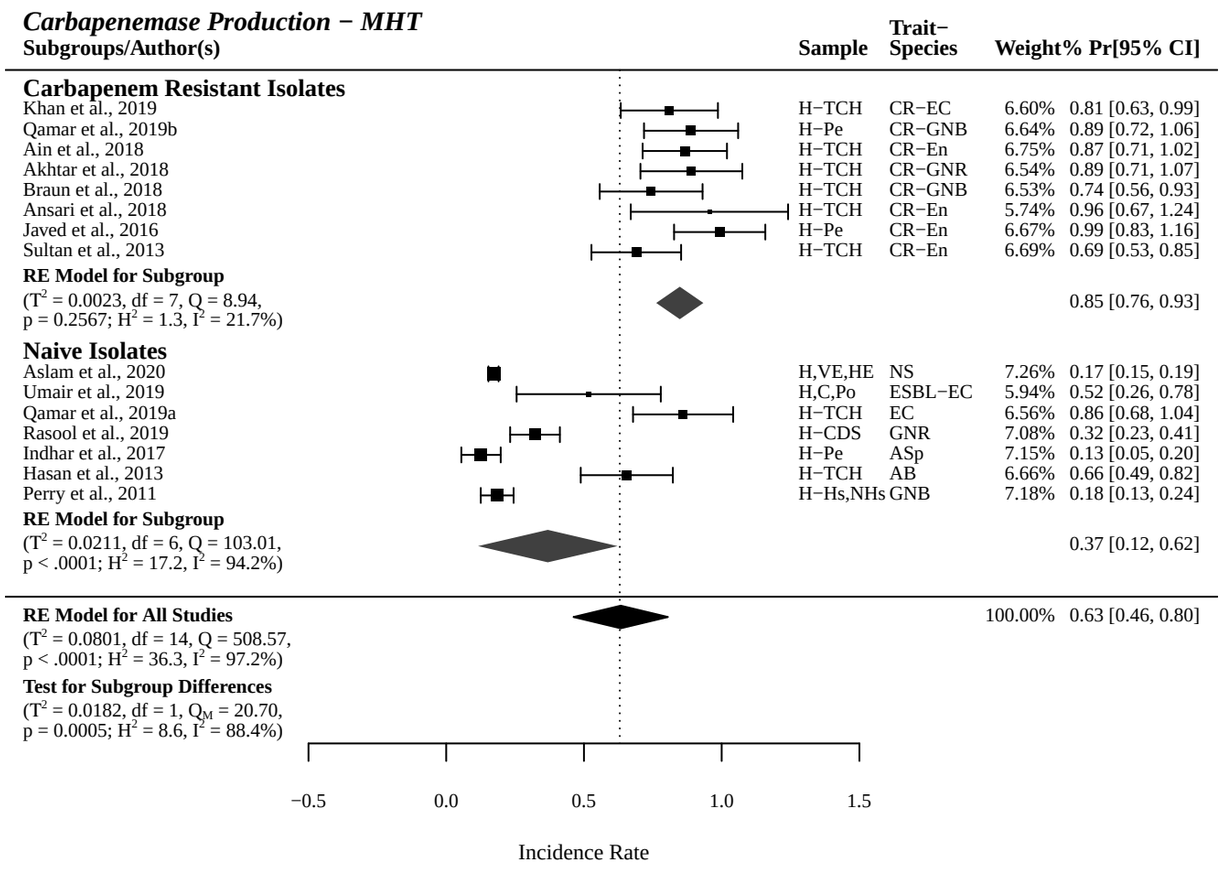
Carbapenemase Production − MHT
Subgroups/Author(s)
Sample
Trait−Species
Weight
% Pr[95% CI]
Carbapenem Resistant Isolates
Khan et al., 2019 H−TCH CR−EC 6.60% 0.81 [0.63, 0.99]
Qamar et al., 2019b H−Pe CR−GNB 6.64% 0.89 [0.72, 1.06]
Ain et al., 2018 H−TCH CR−En 6.75% 0.87 [0.71, 1.02]
Akhtar et al., 2018 H−TCH CR−GNR 6.54% 0.89 [0.71, 1.07]
Braun et al., 2018 H−TCH CR−GNB 6.53% 0.74 [0.56, 0.93]
Ansari et al., 2018 H−TCH CR−En 5.74% 0.96 [0.67, 1.24]
Javed et al., 2016 H−Pe CR−En 6.67% 0.99 [0.83, 1.16]
Sultan et al., 2013 H−TCH CR−En 6.69% 0.69 [0.53, 0.85]
RE Model for Subgroup
(T2 = 0.0023, df = 7, Q = 8.94, p = 0.2567; H2 = 1.3, I2 = 21.7%)
0.85 [0.76, 0.93]
Naive Isolates
Aslam et al., 2020 H,VE,HE NS 7.26% 0.17 [0.15, 0.19]
Umair et al., 2019 H,C,Po ESBL−EC 5.94% 0.52 [0.26, 0.78]
Qamar et al., 2019a H−TCH EC 6.56% 0.86 [0.68, 1.04]
Rasool et al., 2019 H−CDS GNR 7.08% 0.32 [0.23, 0.41]
Indhar et al., 2017 H−Pe ASp 7.15% 0.13 [0.05, 0.20]
Hasan et al., 2013 H−TCH AB 6.66% 0.66 [0.49, 0.82]
Perry et al., 2011 H−Hs,NHs GNB 7.18% 0.18 [0.13, 0.24]
RE Model for Subgroup
(T2 = 0.0211, df = 6, Q = 103.01, p < .0001; H2 = 17.2, I2 = 94.2%)
0.37 [0.12, 0.62]
RE Model for All Studies
(T2 = 0.0801, df = 14, Q = 508.57, p < .0001; H2 = 36.3, I2 = 97.2%)
100.00% 0.63 [0.46, 0.80]
Test for Subgroup Differences
(T2 = 0.0182, df = 1, QM = 20.70, p = 0.0005; H2 = 8.6, I2 = 88.4%)
−0.5
0.0
0.5
1.0
1.5
Incidence Rate