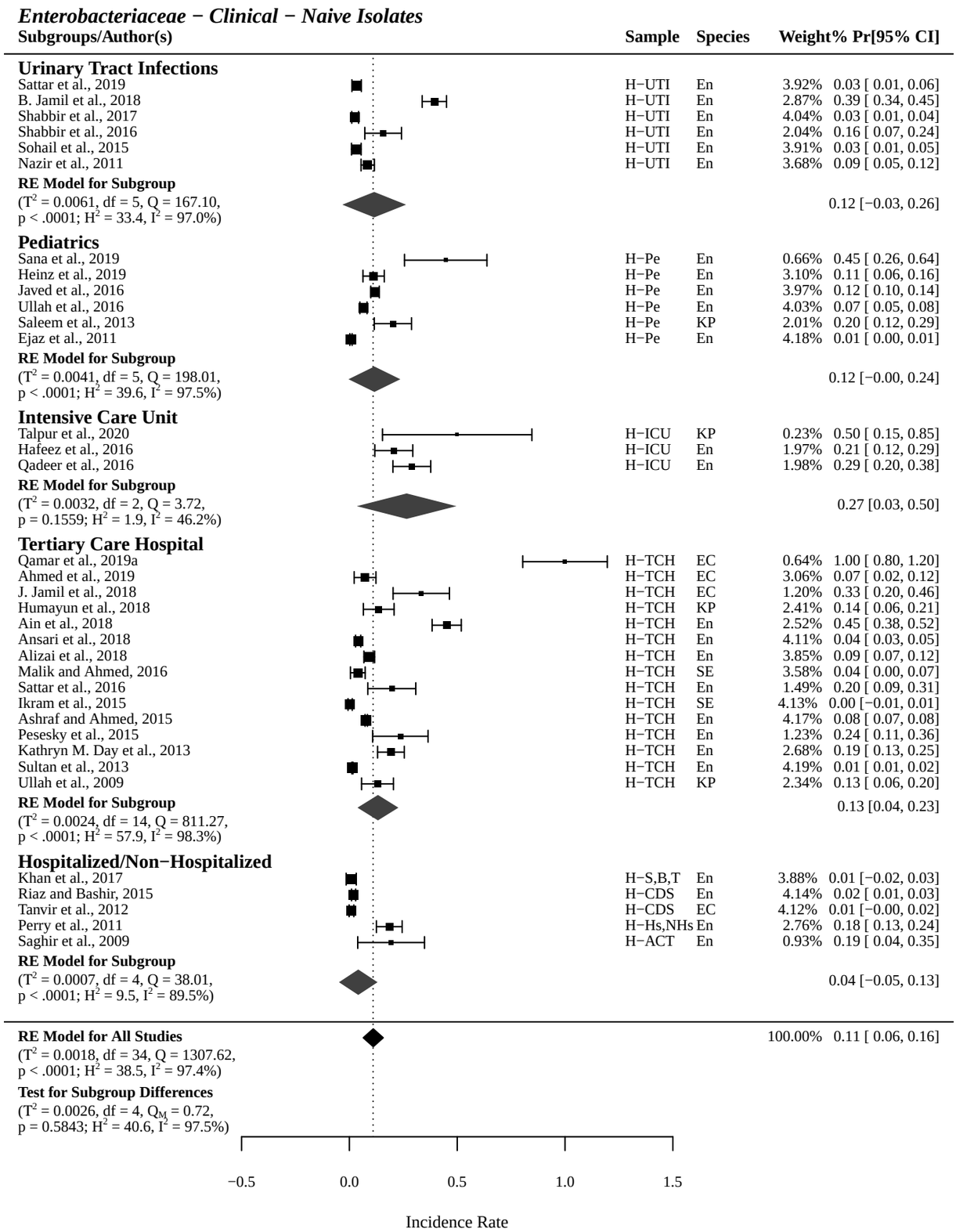
Enterobacteriaceae − Clinical − Naive Isolates
Subgroups/Author(s)
Sample
Species
Weight%
Pr[95% CI]
Urinary Tract Infections
Sattar et al., 2019 H−UTI En 3.92% 0.03 [0.01, 0.06]
B. Jamil et al., 2018 H−UTI En 2.87% 0.39 [0.34, 0.45]
Shabbir et al., 2017 H−UTI En 4.04% 0.03 [0.01, 0.04]
Shabbir et al., 2016 H−UTI En 2.04% 0.16 [0.07, 0.24]
Sohail et al., 2015 H−UTI En 3.91% 0.03 [0.01, 0.05]
Nazir et al., 2011 H−UTI En 3.68% 0.09 [0.05, 0.12]
RE Model for Subgroup
(T2 = 0.0061, df = 5, Q = 167.10, p < .0001; H2 = 33.4, I2 = 97.0%) 0.12 [−0.03, 0.26]
Pediatrics
Sana et al., 2019 H−Pe En 0.66% 0.45 [0.26, 0.64]
Heinz et al., 2019 H−Pe En 3.10% 0.11 [0.06, 0.16]
Javed et al., 2016 H−Pe En 3.97% 0.12 [0.10, 0.14]
Ullah et al., 2016 H−Pe En 4.03% 0.07 [0.05, 0.08]
Saleem et al., 2013 H−Pe KP 2.01% 0.20 [0.12, 0.29]
Ejaz et al., 2011 H−Pe En 4.18% 0.01 [0.00, 0.01]
RE Model for Subgroup
(T2 = 0.0041, df = 5, Q = 198.01, p < .0001; H2 = 39.6, I2 = 97.5%) 0.12 [−0.00, 0.24]
Intensive Care Unit
Talpur et al., 2020 H−ICU KP 0.23% 0.50 [0.15, 0.85]
Hafeez et al., 2016 H−ICU En 1.97% 0.21 [0.12, 0.29]
Qadeer et al., 2016 H−ICU En 1.98% 0.29 [0.20, 0.38]
RE Model for Subgroup
(T2 = 0.0032, df = 2, Q = 3.72, p = 0.1559; H2 = 1.9, I2 = 46.2%) 0.27 [0.03, 0.50]
Tertiary Care Hospital
Qamar et al., 2019a H−TCH EC 0.64% 1.00 [0.80, 1.20]
Ahmed et al., 2019 H−TCH EC 3.06% 0.07 [0.02, 0.12]
J. Jamil et al., 2018 H−TCH EC 1.20% 0.33 [0.20, 0.46]
Humayun et al., 2018 H−TCH KP 2.41% 0.14 [0.06, 0.21]
Ain et al., 2018 H−TCH En 2.52% 0.45 [0.38, 0.52]
Ansari et al., 2018 H−TCH En 4.11% 0.04 [0.03, 0.05]
Alizai et al., 2018 H−TCH En 3.85% 0.09 [0.07, 0.12]
Malik and Ahmed, 2016 H−TCH SE 3.58% 0.04 [0.00, 0.07]
Sattar et al., 2016 H−TCH En 1.49% 0.20 [0.09, 0.31]
Ikram et al., 2015 H−TCH SE 4.13% 0.00 [−0.01, 0.01]
Ashraf and Ahmed, 2015 H−TCH En 4.17% 0.08 [0.07, 0.08]
Pesesky et al., 2015 H−TCH En 1.23% 0.24 [0.11, 0.36]
Kathryn M. Day et al., 2013 H−TCH En 2.68% 0.19 [0.13, 0.25]
Sultan et al., 2013 H−TCH En 4.19% 0.01 [0.01, 0.02]
Ullah et al., 2009 H−TCH KP 2.34% 0.13 [0.06, 0.20]
RE Model for Subgroup
(T2 = 0.0024, df = 14, Q = 811.27, p < .0001; H2 = 57.9, I2 = 98.3%) 0.13 [0.04, 0.23]
Hospitalized/Non−Hospitalized
Khan et al., 2017 H−S,B,T En 3.88% 0.01 [−0.02, 0.03]
Riaz and Bashir, 2015 H−CDS En 4.14% 0.02 [0.01, 0.03]
Tanvir et al., 2012 H−CDS EC 4.12% 0.01 [−0.00, 0.02]
Perry et al., 2011 H−Hs,NHs En 2.76% 0.18 [0.13, 0.24]
Saghir et al., 2009 H−ACT En 0.93% 0.19 [0.04, 0.35]
RE Model for Subgroup
(T2 = 0.0007, df = 4, Q = 38.01, p < .0001; H2 = 9.5, I2 = 89.5%) 0.04 [−0.05, 0.13]
RE Model for All Studies 100.00% 0.11 [0.06, 0.16]
(T2 = 0.0018, df = 34, Q = 1307.62, p < .0001; H2 = 38.5, I2 = 97.4%)
Test for Subgroup Differences
(T2 = 0.0026, df = 4, QM = 0.72, p = 0.5843; H2 = 40.6, I2 = 97.5%)
−0.5
0.0
0.5
1.0
1.5
Incidence Rate