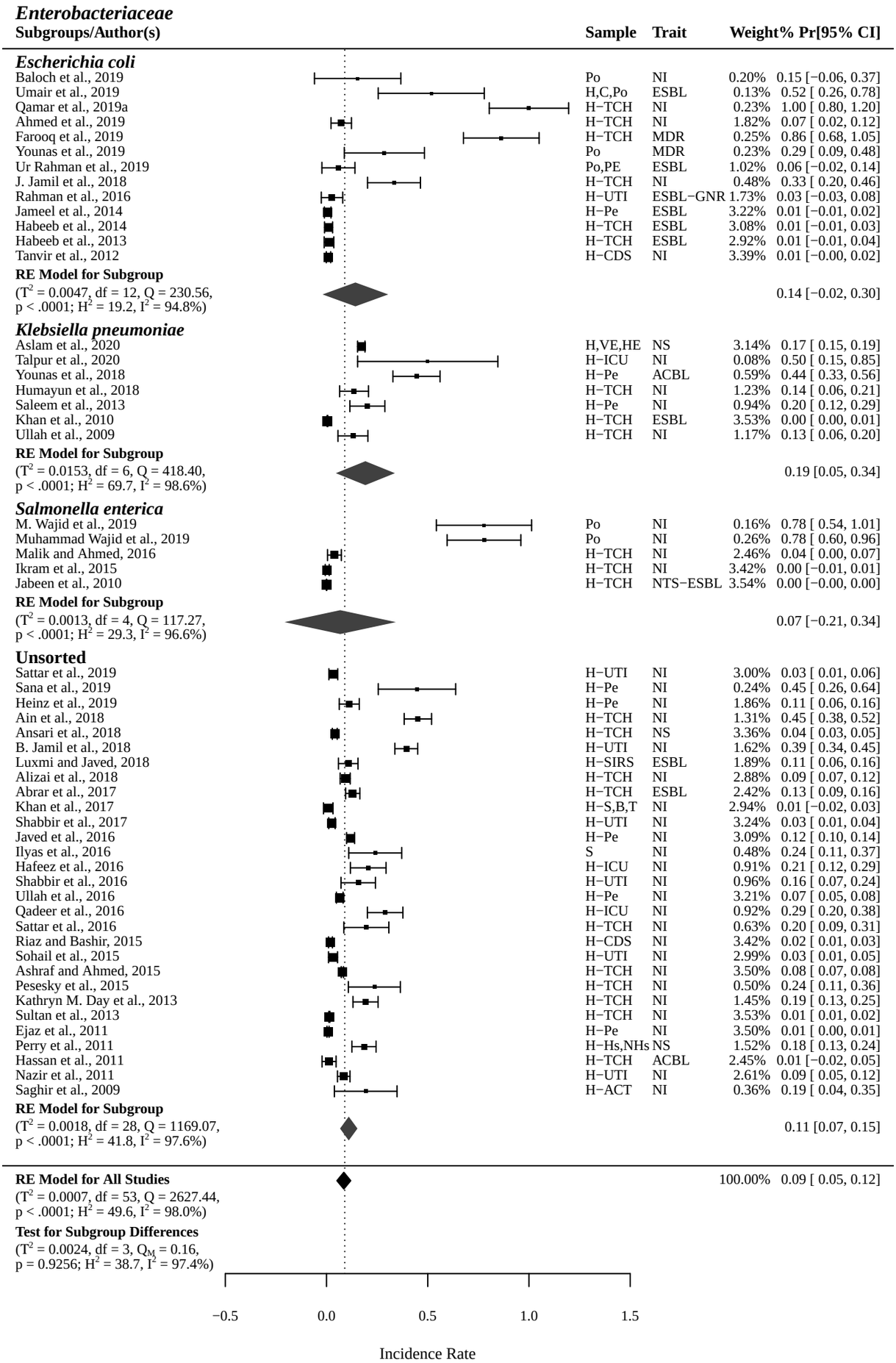
Enterobacteriaceae
Subgroups/Author(s)
Sample
Trait
Weight%
Pr[95% CI]
Escherichia coli
Baloch et al., 2019 Po NI 0.20% 0.15 [−0.06, 0.37]
Umair et al., 2019 H,C,Po ESBL 0.13% 0.52 [0.26, 0.78]
Qamar et al., 2019a H−TCH NI 0.23% 1.00 [0.80, 1.20]
Ahmed et al., 2019 H−TCH NI 1.82% 0.07 [0.02, 0.12]
Farooq et al., 2019 H−TCH MDR 0.25% 0.86 [0.68, 1.05]
Younas et al., 2019 Po MDR 0.23% 0.29 [0.09, 0.48]
Ur Rahman et al., 2019 Po,PE ESBL 1.02% 0.06 [−0.02, 0.14]
J. Jamil et al., 2018 H−TCH NI 0.48% 0.33 [0.20, 0.46]
Rahman et al., 2016 H−UTI ESBL−GNR 1.73% 0.03 [−0.03, 0.08]
Jameel et al., 2014 H−Pe ESBL 3.22% 0.01 [−0.01, 0.02]
Habeeb et al., 2014 H−TCH ESBL 3.08% 0.01 [−0.01, 0.03]
Habeeb et al., 2013 H−TCH ESBL 2.92% 0.01 [−0.01, 0.04]
Tanvir et al., 2012 H−CDS NI 3.39% 0.01 [−0.00, 0.02]
RE Model for Subgroup
(T² = 0.0047, df = 12, Q = 230.56, p < .0001; H² = 19.2, I² = 94.8%)
0.14 [−0.02, 0.30]
Klebsiella pneumoniae
Aslam et al., 2020 H,VE,HE NS 3.14% 0.17 [0.15, 0.19]
Talpur et al., 2020 H−ICU NI 0.08% 0.50 [0.15, 0.85]
Younas et al., 2018 H−Pe ACBL 0.59% 0.44 [0.33, 0.56]
Humayun et al., 2018 H−TCH NI 1.23% 0.14 [0.06, 0.21]
Saleem et al., 2013 H−Pe NI 0.94% 0.20 [0.12, 0.29]
Khan et al., 2010 H−TCH ESBL 3.53% 0.00 [0.00, 0.01]
Ullah et al., 2009 H−TCH NI 1.17% 0.13 [0.06, 0.20]
RE Model for Subgroup
(T² = 0.0153, df = 6, Q = 418.40, p < .0001; H² = 69.7, I² = 98.6%)
0.19 [0.05, 0.34]
Salmonella enterica
M. Wajid et al., 2019 Po NI 0.16% 0.78 [0.54, 1.01]
Muhammad Wajid et al., 2019 Po NI 0.26% 0.78 [0.60, 0.96]
Malik and Ahmed, 2016 H−TCH NI 2.46% 0.04 [0.00, 0.07]
Ikram et al., 2015 H−TCH NI 3.42% 0.00 [−0.01, 0.01]
Jabeen et al., 2010 H−TCH NTS−ESBL 3.54% 0.00 [−0.00, 0.00]
RE Model for Subgroup
(T² = 0.0013, df = 4, Q = 117.27, p < .0001; H² = 29.3, I² = 96.6%)
0.07 [−0.21, 0.34]
Unsorted
Sattar et al., 2019 H−UTI NI 3.00% 0.03 [0.01, 0.06]
Sana et al., 2019 H−Pe NI 0.24% 0.45 [0.26, 0.64]
Heinz et al., 2019 H−Pe NI 1.86% 0.11 [0.06, 0.16]
Ain et al., 2018 H−TCH NI 1.31% 0.45 [0.38, 0.52]
Ansari et al., 2018 H−TCH NS 3.36% 0.04 [0.03, 0.05]
B. Jamil et al., 2018 H−UTI NI 1.62% 0.39 [0.34, 0.45]
Luxmi and Javed, 2018 H−SIRS ESBL 1.89% 0.11 [0.06, 0.16]
Alizai et al., 2018 H−TCH NI 2.88% 0.09 [0.07, 0.12]
Abrar et al., 2017 H−TCH ESBL 2.42% 0.13 [0.09, 0.16]
Khan et al., 2017 H−S,B,T NI 2.94% 0.01 [−0.02, 0.03]
Shabbir et al., 2017 H−UTI NI 3.24% 0.03 [0.01, 0.04]
Javed et al., 2016 H−Pe NI 3.09% 0.12 [0.10, 0.14]
Ilyas et al., 2016 S NI 0.48% 0.24 [0.11, 0.37]
Hafeez et al., 2016 H−ICU NI 0.91% 0.21 [0.12, 0.29]
Shabbir et al., 2016 H−UTI NI 0.96% 0.16 [0.07, 0.24]
Ullah et al., 2016 H−Pe NI 3.21% 0.07 [0.05, 0.08]
Qadeer et al., 2016 H−ICU NI 0.92% 0.29 [0.20, 0.38]
Sattar et al., 2016 H−TCH NI 0.63% 0.20 [0.09, 0.31]
Riaz and Bashir, 2015 H−CDS NI 3.42% 0.02 [0.01, 0.03]
Sohail et al., 2015 H−UTI NI 2.99% 0.03 [0.01, 0.05]
Ashraf and Ahmed, 2015 H−TCH NI 3.50% 0.08 [0.07, 0.08]
Pesesky et al., 2015 H−TCH NI 0.50% 0.24 [0.11, 0.36]
Kathryn M. Day et al., 2013 H−TCH NI 1.45% 0.19 [0.13, 0.25]
Sultan et al., 2013 H−TCH NI 3.53% 0.01 [0.01, 0.02]
Ejaz et al., 2011 H−Pe NI 3.50% 0.01 [0.00, 0.01]
Perry et al., 2011 H−Hs,NHs NS 1.52% 0.18 [0.13, 0.24]
Hassan et al., 2011 H−TCH ACBL 2.45% 0.01 [−0.02, 0.05]
Nazir et al., 2011 H−UTI NI 2.61% 0.09 [0.05, 0.12]
Saghir et al., 2009 H−ACT NI 0.36% 0.19 [0.04, 0.35]
RE Model for Subgroup
(T² = 0.0018, df = 28, Q = 1169.07, p < .0001; H² = 41.8, I² = 97.6%)
0.11 [0.07, 0.15]
RE Model for All Studies
(T² = 0.0007, df = 53, Q = 2627.44, p < .0001; H² = 49.6, I² = 98.0%)
100.00% 0.09 [0.05, 0.12]
Test for Subgroup Differences
(T² = 0.0024, df = 3, Q_M = 0.16, p = 0.9256; H² = 38.7, I² = 97.4%)
−0.5
0.0
0.5
1.0
1.5
Incidence Rate