

Enterobacteriaceae

Subgroups/Author(s)

Escherichia coli

Baloch et al., 2019
Umair et al., 2019
Qamar et al., 2019a
Ahmed et al., 2019
Farooq et al., 2019
Younas et al., 2019
Ur Rahman et al., 2019
J. Jamil et al., 2018
Rahman et al., 2016
Jameel et al., 2014
Habeeb et al., 2014
Habeeb et al., 2013
Tanvir et al., 2012

RE Model for Subgroup

(T² = 0.0047, df = 12, Q = 230.56,
p < .0001; H² = 19.2, I² = 94.8%)

Klebsiella pneumoniae

Aslam et al., 2020
Talpur et al., 2020
Younas et al., 2018
Humayun et al., 2018
Saleem et al., 2013
Khan et al., 2010
Ullah et al., 2009

RE Model for Subgroup

(T² = 0.0153, df = 6, Q = 418.40,
p < .0001; H² = 69.7, I² = 98.6%)

Salmonella enterica

M. Wajid et al., 2019
Muhammad Wajid et al., 2019
Malik and Ahmed, 2016
Ikram et al., 2015
Jabeen et al., 2010

RE Model for Subgroup

(T² = 0.0013, df = 4, Q = 117.27,
p < .0001; H² = 29.3, I² = 96.6%)

Unsorted

Sattar et al., 2019
Sana et al., 2019
Heinz et al., 2019
Ain et al., 2018
Ansari et al., 2018
B. Jamil et al., 2018
Luxmi and Javed, 2018
Alizai et al., 2018
Abrar et al., 2017
Khan et al., 2017
Shabbir et al., 2017
Javed et al., 2016
Ilyas et al., 2016
Hafeez et al., 2016
Shabbir et al., 2016
Ullah et al., 2016
Qadeer et al., 2016
Sattar et al., 2016
Riaz and Bashir, 2015
Sohail et al., 2015
Ashraf and Ahmed, 2015
Pesesky et al., 2015
Kathryn M. Day et al., 2013
Sultan et al., 2013
Ejaz et al., 2011
Perry et al., 2011
Hassan et al., 2011
Nazir et al., 2011
Saghir et al., 2009

RE Model for Subgroup

(T² = 0.0018, df = 28, Q = 1169.07,
p < .0001; H² = 41.8, I² = 97.6%)

RE Model for All Studies

(T² = 0.0007, df = 53, Q = 2627.44,
p < .0001; H² = 49.6, I² = 98.0%)

Test for Subgroup Differences

(T² = 0.0024, df = 3, Q_M = 0.16,
p = 0.9256; H² = 38.7, I² = 97.4%)

Sample

Trait

Weight% Pr[95% CI]

Po NI 0.20% 0.15 [-0.06, 0.37]
H,C,Po ESBL 0.13% 0.52 [0.26, 0.78]
H-TCH NI 0.23% 1.00 [0.80, 1.20]
H-TCH NI 1.82% 0.07 [0.02, 0.12]
H-TCH MDR 0.25% 0.86 [0.68, 1.05]
Po MDR 0.23% 0.29 [0.09, 0.48]
Po,PE ESBL 1.02% 0.06 [-0.02, 0.14]
H-TCH NI 0.48% 0.33 [0.20, 0.46]
H-UTI ESBL-GNR 1.73% 0.03 [-0.03, 0.08]
H-Pe ESBL 3.22% 0.01 [-0.01, 0.02]
H-TCH ESBL 3.08% 0.01 [-0.01, 0.03]
H-TCH ESBL 2.92% 0.01 [-0.01, 0.04]
H-CDS NI 3.39% 0.01 [-0.00, 0.02]

H,VE,HE NS 3.14% 0.17 [0.15, 0.19]
H-ICU NI 0.08% 0.50 [0.15, 0.85]
H-Pe ACBL 0.59% 0.44 [0.33, 0.56]
H-TCH NI 1.23% 0.14 [0.06, 0.21]
H-Pe NI 0.94% 0.20 [0.12, 0.29]
H-TCH ESBL 3.53% 0.00 [0.00, 0.01]
H-TCH NI 1.17% 0.13 [0.06, 0.20]

Po NI 0.16% 0.78 [0.54, 1.01]
Po NI 0.26% 0.78 [0.60, 0.96]
H-TCH NI 2.46% 0.04 [0.00, 0.07]
H-TCH NI 3.42% 0.00 [-0.01, 0.01]
H-TCH NTS-ESBL 3.54% 0.00 [-0.00, 0.00]

H-UTI NI 3.00% 0.03 [0.01, 0.06]
H-Pe NI 0.24% 0.45 [0.26, 0.64]
H-Pe NI 1.86% 0.11 [0.06, 0.16]
H-TCH NI 1.31% 0.45 [0.38, 0.52]
H-TCH NS 3.36% 0.04 [0.03, 0.05]
H-UTI NI 1.62% 0.39 [0.34, 0.45]
H-SIRS ESBL 1.89% 0.11 [0.06, 0.16]
H-TCH NI 2.88% 0.09 [0.07, 0.12]
H-TCH ESBL 2.42% 0.13 [0.09, 0.16]
H-S,B,T NI 2.94% 0.01 [-0.02, 0.03]
H-UTI NI 3.24% 0.03 [0.01, 0.04]
H-Pe NI 3.09% 0.12 [0.10, 0.14]
Sa NI 0.48% 0.24 [0.11, 0.37]
H-ICU NI 0.91% 0.21 [0.12, 0.29]
H-UTI NI 0.96% 0.16 [0.07, 0.24]
H-Pe NI 3.21% 0.07 [0.05, 0.08]
H-ICU NI 0.92% 0.29 [0.20, 0.38]
H-TCH NI 0.63% 0.20 [0.09, 0.31]
H-CDS NI 3.42% 0.02 [0.01, 0.03]
H-UTI NI 2.99% 0.03 [0.01, 0.05]
H-TCH NI 3.50% 0.08 [0.07, 0.08]
H-TCH NI 0.50% 0.24 [0.11, 0.36]
H-TCH NI 1.45% 0.19 [0.13, 0.25]
H-TCH NI 3.53% 0.01 [0.01, 0.02]
H-Pe NI 3.50% 0.01 [0.00, 0.01]
H-Hs,NHs NS 1.52% 0.18 [0.13, 0.24]
H-TCH ACBL 2.45% 0.01 [-0.02, 0.05]
H-UTI NI 2.61% 0.09 [0.05, 0.12]
H-ACT NI 0.36% 0.19 [0.04, 0.35]

100.00% 0.09 [0.05, 0.12]

-0.5 0.0 0.5 1.0 1.5

Incidence Rate