

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%)

RE Model for All Studies

(T² = 0.0004, df = 24, Q = 821.32,

p < .0001; H² = 34.2, I² = 97.1%)

Test for Subgroup Differences

(T² = 0.0047, df = 2, Q_M = 0.03,

p = 0.9685; H² = 34.8, I² = 97.1%)

Sample

Trait

Weight% Pr[95% CI]

Po	NI	0.33%	0.15 [−0.06, 0.37]
H,C,Po	ESBL	0.22%	0.52 [0.26, 0.78]
H–TCH	NI	0.38%	1.00 [0.80, 1.20]
H–TCH	NI	3.83%	0.07 [0.02, 0.12]
H–TCH	MDR	0.42%	0.86 [0.68, 1.05]
Po	MDR	0.38%	0.29 [0.09, 0.48]
Po,PE	ESBL	1.89%	0.06 [−0.02, 0.14]
H–TCH	NI	0.82%	0.33 [0.20, 0.46]
H–UTI	ESBL–GNR	3.59%	0.03 [−0.03, 0.08]
H–Pe	ESBL	8.93%	0.01 [−0.01, 0.02]
H–TCH	ESBL	8.28%	0.01 [−0.01, 0.03]
H–TCH	ESBL	7.58%	0.01 [−0.01, 0.04]
H–CDS	NI	9.77%	0.01 [−0.00, 0.02]

0.14 [−0.02, 0.30]

H,VE,HE	NS	8.57%	0.17 [0.15, 0.19]
H–ICU	NI	0.13%	0.50 [0.15, 0.85]
H–Pe	ACBL	1.02%	0.44 [0.33, 0.56]
H–TCH	NI	2.34%	0.14 [0.06, 0.21]
H–Pe	NI	1.71%	0.20 [0.12, 0.29]
H–TCH	ESBL	10.55%	0.00 [0.00, 0.01]
H–TCH	NI	2.22%	0.13 [0.06, 0.20]

0.19 [0.05, 0.34]

Po	NI	0.27%	0.78 [0.54, 1.01]
Po	NI	0.44%	0.78 [0.60, 0.96]
H–TCH	NI	5.84%	0.04 [0.00, 0.07]
H–TCH	NI	9.92%	0.00 [−0.01, 0.01]
H–TCH	NTS–ESBL	10.58%	0.00 [−0.00, 0.00]

0.07 [−0.21, 0.34]

100.00% 0.06 [0.01, 0.11]

−0.5 0.0 0.5 1.0 1.5

Incidence Rate