

Table S4. Certainty of evidence (GRADE) for the pooled resistance analyses

Outcome (organism – antibiotic/pattern)	Isolates (res./total)	Risk of bias	Incon-sistency	Indirect-ness	Impre-cision	Publication bias	Pooled prevalence % (95% CI)	Certainty	Importance
Resistance patterns (MDR, carbapenem resistance, and ESBL production)									
MDR – Acinetobacter baumannii	35/57	not serious	serious I ² =70.6%	not serious	very serious	not serious	55.2 (25.5–83.4)	⊕○○○ Very Low	Critical
MDR – Klebsiella pneumoniae	35/96	not serious	very serious I ² =87.5%	not serious	very serious	not serious	36.4 (6.7–71.9)	⊕○○○ Very Low	Critical
MDR – Escherichia coli	29/104	not serious	serious I ² =70.8%	not serious	serious	not serious	29.0 (12.3–48.8)	⊕○○○ Very Low	Critical
MDR – Pseudomonas aeruginosa	18/124	not serious	serious I ² =74.3%	not serious	very serious	not serious	27.0 (5.5–54.9)	⊕○○○ Very Low	Critical
Carbapenem resistance – Acinetobacter baumannii	23/29	not serious	serious I ² =65.8%	not serious	very serious	not serious	87.0 (55.5–100.0)	⊕○○○ Very Low	Critical
Carbapenem resistance – Enterobacter species	3/5	not serious	not serious I ² =0.0%	not serious	very serious	not serious	67.5 (10.3–100.0)	⊕○○○ Very Low	Critical
Carbapenem resistance – Klebsiella pneumoniae	61/106	not serious	serious I ² =54.0%	not serious	serious	not serious	57.4 (41.8–72.3)	⊕○○○ Very Low	Critical
Carbapenem resistance – Pseudomonas aeruginosa	33/58	not serious	very serious I ² =91.0%	not serious	very serious	not serious	56.2 (13.3–94.6)	⊕○○○ Very Low	Critical
Carbapenem resistance – Escherichia coli	23/86	not serious	not serious I ² =1.7%	not serious	not serious	not serious	26.2 (16.9–36.5)	⊕⊕○○ Low	Critical
Carbapenem resistance – Proteus mirabilis	5/24	not serious	serious I ² =55.5%	not serious	very serious	not serious	16.7 (0.0–47.1)	⊕○○○ Very Low	Critical
ESBL – Proteus mirabilis	6/10	not serious	not serious I ² =0.0%	not serious	very serious	not serious	60.3 (25.9–90.6)	⊕○○○ Very Low	Critical
ESBL – Escherichia coli	39/100	not serious	very serious I ² =95.4%	not serious	very serious	not serious	53.2 (8.3–95.2)	⊕○○○ Very Low	Critical
ESBL – Klebsiella pneumoniae	21/51	not serious	very serious I ² =78.6%	not serious	very serious	not serious	45.8 (15.9–77.2)	⊕○○○ Very Low	Critical
Resistance to individual antimicrobial agents, by species									
Escherichia coli – Amikacin	36/139	not serious	very serious I ² =93.2%	not serious	very serious	not serious	25.6 (4.1–57.3)	⊕○○○ Very Low	Important
Escherichia coli – Gentamicin	68/183	not serious	very serious I ² =89.9%	not serious	very serious	not serious	42.9 (21.4–65.9)	⊕○○○ Very Low	Important
Escherichia coli – Imipenem	20/158	not serious	very serious I ² =77.9%	not serious	serious	not serious	13.9 (4.3–27.7)	⊕○○○ Very Low	Important
Escherichia coli – Meropenem	13/161	not serious	very serious I ² =77.3%	not serious	not serious	not serious	7.7 (1.2–18.8)	⊕○○○ Very Low	Important
Escherichia coli – Cefuroxime	31/83	not serious	very serious I ² =95.7%	not serious	very serious	not serious	54.2 (6.3–97.1)	⊕○○○ Very Low	Important
Escherichia coli – Cefepime	42/60	not serious	very serious I ² =89.7%	not serious	very serious	not serious	73.9 (35.6–98.0)	⊕○○○ Very Low	Important
Escherichia coli – Cefotaxime	35/78	not serious	serious I ² =71.9%	not serious	very serious	not serious	46.5 (26.5–67.1)	⊕○○○ Very Low	Important

Escherichia coli – Ceftazidime	51/111	not serious	very serious I ² =96.0%	not serious	very serious	not serious	67.4 (20.8–98.6)	⊕○○○ Very Low	Important
Escherichia coli – Ceftriaxone	42/59	not serious	serious I ² =50.4%	not serious	serious	not serious	73.8 (56.2–88.1)	⊕○○○ Very Low	Important
Escherichia coli – Cefoxitin	36/45	not serious	very serious I ² =89.1%	not serious	very serious	not serious	82.4 (41.5–100.0)	⊕○○○ Very Low	Important
Escherichia coli – Ciprofloxacin	57/91	not serious	very serious I ² =84.6%	not serious	very serious	not serious	69.8 (44.0–90.3)	⊕○○○ Very Low	Important
Escherichia coli – Levofloxacin	26/48	not serious	very serious I ² =87.2%	not serious	very serious	not serious	64.9 (26.6–94.4)	⊕○○○ Very Low	Important
Escherichia coli – Co-trimoxazole	65/129	not serious	serious I ² =52.9%	not serious	serious	not serious	52.7 (39.5–65.8)	⊕○○○ Very Low	Important
Escherichia coli – Aztreonam	19/92	not serious	very serious I ² =91.3%	not serious	very serious	not serious	38.8 (7.9–76.1)	⊕○○○ Very Low	Important
Escherichia coli – Amoxicillin-clavulanate	55/126	not serious	very serious I ² =82.2%	not serious	very serious	not serious	55.3 (33.5–76.1)	⊕○○○ Very Low	Important
Escherichia coli – Ampicillin-sulbactam	34/45	not serious	serious I ² =68.9%	not serious	very serious	not serious	74.8 (48.1–93.9)	⊕○○○ Very Low	Important
Escherichia coli – Piperacillin-tazobactam	5/62	not serious	very serious I ² =94.4%	not serious	very serious	not serious	16.2 (0.0–80.7)	⊕○○○ Very Low	Important
Escherichia coli – Ampicillin	65/117	not serious	very serious I ² =92.4%	not serious	very serious	not serious	71.2 (36.8–95.5)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Amikacin	57/125	not serious	very serious I ² =90.1%	not serious	very serious	not serious	31.4 (9.0–59.7)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Gentamicin	66/127	not serious	very serious I ² =86.1%	not serious	very serious	not serious	49.6 (26.1–73.2)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Imipenem	31/125	not serious	serious I ² =71.1%	not serious	serious	not serious	22.2 (9.8–37.9)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Meropenem	35/121	not serious	serious I ² =74.6%	not serious	serious	not serious	23.3 (9.6–40.8)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Cefepime	45/66	not serious	serious I ² =65.8%	not serious	very serious	not serious	60.2 (38.1–80.2)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Cefotaxime	62/71	not serious	serious I ² =72.8%	not serious	serious	not serious	85.9 (65.1–98.1)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Ceftazidime	86/125	not serious	very serious I ² =85.9%	not serious	very serious	not serious	62.5 (38.4–83.7)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Ceftriaxone	67/79	not serious	serious I ² =68.1%	not serious	serious	not serious	80.9 (61.8–94.4)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Cefoxitin	50/56	not serious	very serious I ² =78.1%	not serious	serious	not serious	88.3 (64.7–99.6)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Ciprofloxacin	45/86	not serious	very serious I ² =88.4%	not serious	very serious	not serious	41.9 (13.1–74.2)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Levofloxacin	28/47	not serious	not serious I ² =28.2%	not serious	serious	not serious	56.1 (38.1–73.3)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Co-trimoxazole	52/79	not serious	very serious I ² =79.0%	not serious	very serious	not serious	67.5 (42.3–88.2)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Aztreonam	21/64	not serious	serious I ² =73.3%	not serious	very serious	not serious	31.0 (10.2–57.0)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Amoxicillin-clavulanate	85/113	not serious	very serious I ² =88.0%	not serious	very serious	not serious	74.4 (47.3–94.0)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Ampicillin-sulbactam	31/36	not serious	very serious I ² =89.6%	not serious	very serious	not serious	64.2 (8.2–100.0)	⊕○○○ Very Low	Important

Klebsiella pneumoniae – Piperacillin-tazobactam	38/92	not serious	very serious I ² =92.0%	not serious	very serious	not serious	33.7 (5.3–71.5)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Ampicillin	63/67	not serious	serious I ² =72.5%	not serious	serious	not serious	89.9 (69.6–99.6)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Amikacin	46/139	not serious	very serious I ² =86.4%	not serious	very serious	not serious	30.9 (11.8–54.2)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Gentamicin	67/156	not serious	very serious I ² =80.9%	not serious	serious	not serious	46.7 (28.5–65.3)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Imipenem	44/140	not serious	very serious I ² =82.8%	not serious	serious	not serious	34.1 (16.0–54.9)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Meropenem	43/147	not serious	very serious I ² =84.2%	not serious	serious	not serious	31.7 (14.0–52.6)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Cefepime	30/71	not serious	serious I ² =63.7%	not serious	serious	not serious	39.4 (20.9–59.7)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Ceftazidime	69/136	not serious	very serious I ² =88.2%	not serious	very serious	not serious	59.1 (33.7–82.0)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Ciprofloxacin	56/134	not serious	very serious I ² =83.5%	not serious	very serious	not serious	44.9 (24.0–66.8)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Levofloxacin	13/29	not serious	not serious I ² =0.0%	not serious	very serious	not serious	44.7 (27.8–62.1)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Aztreonam	34/100	not serious	not serious I ² =47.2%	not serious	serious	not serious	34.6 (21.5–49.0)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Piperacillin-tazobactam	39/124	not serious	very serious I ² =91.2%	not serious	very serious	not serious	32.4 (8.3–63.2)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Amikacin	50/75	not serious	serious I ² =73.3%	not serious	very serious	not serious	69.9 (47.8–88.0)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Gentamicin	49/73	not serious	not serious I ² =0.0%	not serious	serious	not serious	66.4 (55.6–76.4)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Imipenem	48/76	not serious	very serious I ² =83.9%	not serious	very serious	not serious	67.7 (39.4–90.3)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Meropenem	39/60	not serious	very serious I ² =82.9%	not serious	very serious	not serious	74.8 (44.1–95.8)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Cefuroxime	33/45	not serious	very serious I ² =80.7%	not serious	very serious	not serious	82.4 (51.5–99.1)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Cefepime	45/52	not serious	not serious I ² =39.6%	not serious	serious	not serious	84.9 (70.2–95.2)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Cefotaxime	15/19	not serious	serious I ² =60.8%	not serious	very serious	not serious	79.1 (46.4–98.3)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Ceftazidime	45/60	not serious	serious I ² =61.7%	not serious	serious	not serious	79.0 (59.9–93.0)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Ceftriaxone	36/37	not serious	not serious I ² =0.0%	not serious	serious	not serious	95.1 (86.2–99.6)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Ciprofloxacin	37/62	not serious	very serious I ² =90.8%	not serious	very serious	not serious	64.2 (23.8–95.1)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Levofloxacin	12/17	not serious	not serious I ² =17.7%	not serious	very serious	not serious	68.5 (43.5–88.8)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Co-trimoxazole	31/60	not serious	very serious I ² =89.3%	not serious	very serious	not serious	57.8 (20.5–90.6)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Amoxicillin-clavulanate	15/15	not serious	not serious I ² =0.0%	not serious	very serious	not serious	95.9 (81.4–100.0)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Ampicillin-sulbactam	24/28	not serious	serious I ² =65.5%	not serious	very serious	not serious	84.2 (55.5–99.2)	⊕○○○ Very Low	Important

Acinetobacter baumannii – Piperacillin-tazobactam	42/66	not serious	very serious I ² =85.4%	not serious	very serious	not serious	63.6 (31.9–89.8)	⊕○○○ Very Low	Important
Proteus mirabilis – Amikacin	14/45	not serious	very serious I ² =87.1%	not serious	very serious	not serious	29.5 (2.6–69.4)	⊕○○○ Very Low	Important
Proteus mirabilis – Gentamicin	16/41	not serious	very serious I ² =83.3%	not serious	very serious	not serious	42.9 (10.5–79.2)	⊕○○○ Very Low	Important
Proteus mirabilis – Imipenem	7/23	not serious	not serious I ² =0.0%	not serious	very serious	not serious	31.5 (15.1–50.6)	⊕○○○ Very Low	Important
Proteus mirabilis – Meropenem	3/31	not serious	not serious I ² =48.1%	not serious	serious	not serious	14.0 (1.6–35.7)	⊕○○○ Very Low	Important
Proteus mirabilis – Ceftazidime	15/37	not serious	very serious I ² =83.3%	not serious	very serious	not serious	44.9 (10.4–82.6)	⊕○○○ Very Low	Important
Proteus mirabilis – Ciprofloxacin	17/41	not serious	very serious I ² =78.0%	not serious	very serious	not serious	45.8 (15.7–77.6)	⊕○○○ Very Low	Important
Proteus mirabilis – Aztreonam	11/31	not serious	very serious I ² =85.0%	not serious	very serious	not serious	32.3 (1.6–77.9)	⊕○○○ Very Low	Important
Proteus mirabilis – Piperacillin-tazobactam	6/27	not serious	not serious I ² =0.0%	not serious	very serious	not serious	24.4 (10.7–41.5)	⊕○○○ Very Low	Important
Enterobacter species – Amikacin	10/35	not serious	serious I ² =60.0%	not serious	very serious	not serious	33.0 (9.1–63.0)	⊕○○○ Very Low	Important
Enterobacter species – Gentamicin	14/34	not serious	serious I ² =59.8%	not serious	very serious	not serious	49.2 (20.5–78.2)	⊕○○○ Very Low	Important
Enterobacter species – Imipenem	4/32	not serious	serious I ² =73.6%	not serious	very serious	not serious	27.5 (2.0–67.1)	⊕○○○ Very Low	Important
Enterobacter species – Meropenem	3/32	not serious	serious I ² =65.3%	not serious	very serious	not serious	21.4 (1.5–55.2)	⊕○○○ Very Low	Important
Enterobacter species – Ceftazidime	14/35	not serious	serious I ² =59.4%	not serious	very serious	not serious	52.0 (23.2–80.1)	⊕○○○ Very Low	Important
Enterobacter species – Ciprofloxacin	11/32	not serious	not serious I ² =49.5%	not serious	very serious	not serious	49.6 (21.9–77.3)	⊕○○○ Very Low	Important
Enterobacter species – Piperacillin-tazobactam	1/28	not serious	not serious I ² =46.6%	not serious	very serious	not serious	7.2 (0.0–30.7)	⊕○○○ Very Low	Important
Country-stratified overall pooled resistance estimates									
Acinetobacter baumannii – Amikacin	27/47	not serious	serious I ² =66.3%	not serious	very serious	not serious	63.6 (29.8–92.5)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Gentamicin	37/56	not serious	not serious I ² =0.0%	not serious	serious	not serious	66.5 (52.6–79.3)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Imipenem	39/61	not serious	very serious I ² =88.4%	not serious	very serious	not serious	73.3 (26.5–100.0)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Meropenem	23/25	not serious	not serious I ² =0.0%	not serious	very serious	not serious	99.5 (85.0–100.0)	⊕○○○ Very Low	Important
Escherichia coli – Amikacin	37/133	not serious	very serious I ² =92.6%	not serious	very serious	not serious	29.0 (4.0–62.8)	⊕○○○ Very Low	Important
Escherichia coli – Amoxicillin-clavulanate	45/58	not serious	very serious I ² =78.6%	not serious	very serious	not serious	84.1 (55.1–100.0)	⊕○○○ Very Low	Important
Escherichia coli – Ceftazidime	65/133	not serious	very serious I ² =94.8%	not serious	very serious	not serious	69.2 (28.6–98.2)	⊕○○○ Very Low	Important
Escherichia coli – Gentamicin	59/135	not serious	very serious I ² =91.5%	not serious	very serious	not serious	53.4 (22.8–82.7)	⊕○○○ Very Low	Important
Escherichia coli – Imipenem	15/135	not serious	very serious I ² =81.8%	not serious	serious	not serious	9.0 (0.1–25.9)	⊕○○○ Very Low	Important

Escherichia coli – Meropenem	10/61		not serious	very serious I ² =79.5%	not serious	serious	not serious	8.1 (0.0–32.2)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Amikacin	55/107		not serious	very serious I ² =91.1%	not serious	very serious	not serious	37.6 (6.8–74.1)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Amoxicillin-clavulanate	68/79		not serious	very serious I ² =85.4%	not serious	very serious	not serious	86.1 (53.3–100.0)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Ceftazidime	72/107		not serious	very serious I ² =89.8%	not serious	very serious	not serious	58.4 (24.2–89.2)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Ceftriaxone	67/79		not serious	serious I ² =68.1%	not serious	serious	not serious	85.1 (63.5–99.0)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Gentamicin	61/106		not serious	very serious I ² =89.7%	not serious	very serious	not serious	61.0 (26.4–91.1)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Imipenem	25/107		not serious	very serious I ² =76.6%	not serious	serious	not serious	14.8 (1.3–35.5)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Meropenem	30/79		not serious	not serious I ² =36.7%	not serious	serious	not serious	34.5 (19.3–51.0)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Amikacin	43/120		not serious	very serious I ² =87.3%	not serious	very serious	not serious	32.7 (7.5–63.5)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Cefepime	16/39		not serious	serious I ² =72.8%	not serious	very serious	not serious	31.6 (0.9–74.0)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Ceftazidime	64/121		not serious	very serious I ² =89.3%	not serious	very serious	not serious	65.4 (32.7–92.6)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Ciprofloxacin	22/39		not serious	not serious I ² =14.6%	not serious	very serious	not serious	55.5 (33.8–76.4)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Gentamicin	61/121		not serious	very serious I ² =80.0%	not serious	very serious	not serious	58.6 (34.3–81.3)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Imipenem	41/121		not serious	very serious I ² =83.3%	not serious	very serious	not serious	37.6 (13.9–64.2)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Meropenem	36/69		not serious	serious I ² =57.9%	not serious	very serious	not serious	51.0 (28.8–73.1)	⊕○○○ Very Low	Important
Temporal trends in resistance (odds ratio per year)										
Klebsiella pneumoniae – Ceftazidime	6	2005 - 2026	serious	not serious I ² =13.9%	not serious	not serious	not serious	1.2 (1.1–1.3)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Piperacillin-tazobactam	6	2017 - 2024	serious	not serious I ² =0.0%	not serious	not serious	not serious	0.5 (0.4–0.8)	⊕○○○ Very Low	Important
Enterobacter spp. – Ceftazidime	5	2005 - 2026	serious	not serious I ² =0.0%	not serious	not serious	not serious	1.2 (1.1–1.4)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Imipenem	9	2005 - 2026	serious	serious I ² =52.8%	not serious	not serious	not serious	1.3 (1.1–1.5)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Meropenem	8	2005 - 2026	serious	serious I ² =52.9%	not serious	serious	not serious	1.3 (1.0–1.5)	⊕○○○ Very Low	Important
Escherichia coli – Imipenem	7	2005 - 2026	serious	not serious I ² =41.8%	not serious	serious	not serious	1.2 (1.0–1.4)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Imipenem	6	2005 - 2026	serious	not serious I ² =36.1%	not serious	serious	not serious	1.2 (1.1–1.3)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Amikacin	9	2005 - 2026	serious	not serious I ² =6.4%	not serious	serious	not serious	1.1 (1.0–1.2)	⊕○○○ Very Low	Important

Acinetobacter baumannii – Ciprofloxacin	7	2005 - 2026	serious	serious I ² =73.5%	not serious	serious	not serious	1.3 (1.0–1.7)	⊕○○○ Very Low	Important
Escherichia coli – Ciprofloxacin	6	2005 - 2026	serious	very serious I ² =75.8%	not serious	serious	not serious	1.1 (1.0–1.3)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Gentamicin	8	2005 - 2026	serious	not serious I ² =0.0%	not serious	serious	not serious	1.1 (1.0–1.2)	⊕○○○ Very Low	Important
Enterobacter spp. – Imipenem	5	2005 - 2026	serious	not serious I ² =0.0%	not serious	very serious	not serious	2.3 (0.9–6.2)	⊕○○○ Very Low	Important
Escherichia coli – Ceftazidime	6	2005 - 2026	serious	very serious I ² =85.9%	not serious	serious	not serious	1.2 (1.0–1.4)	⊕○○○ Very Low	Important
Acinetobacter baumannii – Ceftazidime	7	2005 - 2026	serious	not serious I ² =0.0%	not serious	serious	not serious	1.1 (1.0–1.2)	⊕○○○ Very Low	Important
Enterobacter spp. – Gentamicin	5	2005 - 2026	serious	not serious I ² =0.0%	not serious	serious	not serious	1.1 (1.0–1.2)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Ciprofloxacin	7	2005 - 2026	serious	serious I ² =70.6%	not serious	serious	not serious	1.1 (1.0–1.2)	⊕○○○ Very Low	Important
Escherichia coli – Meropenem	6	2017 - 2026	serious	serious I ² =67.5%	not serious	very serious	not serious	1.4 (0.8–2.4)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Ceftazidime	7	2005 - 2026	serious	very serious I ² =80.3%	not serious	serious	not serious	1.1 (0.9–1.3)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Amikacin	6	2005 - 2026	serious	very serious I ² =89.8%	not serious	serious	not serious	1.1 (0.9–1.5)	⊕○○○ Very Low	Important
Escherichia coli – Gentamicin	8	2005 - 2026	serious	very serious I ² =82.3%	not serious	serious	not serious	1.1 (0.9–1.3)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Imipenem	8	2005 - 2026	serious	very serious I ² =75.1%	not serious	serious	not serious	1.1 (0.9–1.3)	⊕○○○ Very Low	Important
Klebsiella pneumoniae – Gentamicin	6	2005 - 2026	serious	very serious I ² =81.6%	not serious	serious	not serious	1.1 (0.9–1.2)	⊕○○○ Very Low	Important
Enterobacter spp. – Amikacin	5	2005 - 2026	serious	not serious I ² =36.3%	not serious	serious	not serious	1.1 (0.9–1.3)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Gentamicin	9	2005 - 2026	serious	very serious I ² =79.0%	not serious	serious	not serious	1.0 (0.9–1.2)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Amikacin	9	2005 - 2026	serious	very serious I ² =85.4%	not serious	serious	not serious	1.1 (0.8–1.3)	⊕○○○ Very Low	Important
Pseudomonas aeruginosa – Meropenem	7	2017 - 2026	serious	very serious I ² =83.2%	not serious	serious	not serious	0.9 (0.5–1.5)	⊕○○○ Very Low	Important
Escherichia coli – Amikacin	6	2005 - 2026	serious	very serious I ² =93.2%	not serious	serious	not serious	1.0 (0.8–1.5)	⊕○○○ Very Low	Important

Abbreviations: CI, confidence interval; GRADE, Grading of Recommendations Assessment, Development and Evaluation; ESBL, Extended-spectrum beta-lactamase; I², heterogeneity; n, number; res., Resistant; OR, odds ratio. Certainty of evidence: ⊕⊕⊕⊕ High; ⊕⊕⊕○ Moderate; ⊕⊕○○ Low; ⊕○○○ Very low.