

Supplementary table 5. Publication heterogeneity on the patterns of antimicrobial resistance in clinical and environmental samples

Antibiotic class	Site	N	Egger's regression test		Funnel plot
			t value	p value	
Aminoglycoside	Clinical	12	-0.97	0.34	Symmetrical
Aminoglycoside	Environmental	12	-2.60	0.02	Asymmetrical
Amphenicol	Clinical	6	0.85	0.44	Symmetrical
Amphenicol	Environmental	6	0.45	0.67	Symmetrical
Beta-lactam	Clinical	16	4.53	< 0.001	Asymmetrical
Beta-lactam	Environmental	16	1.35	0.18	Symmetrical
Beta-lactam/BLI	Clinical	7	0.45	0.66	Symmetrical
Beta-lactam/BLI	Environmental	8	0.34	0.74	Symmetrical
Fluoroquinolone	Clinical	13	0.86	0.40	Symmetrical
Fluoroquinolone	Environmental	13	-3.41	< 0.001	Asymmetrical
Macrolide	Clinical	5	-0.43	0.69	Symmetrical
Macrolide	Environmental	5	2.74	0.07	Symmetrical
Sulfonamide	Clinical	6	1.20	0.28	Symmetrical
Sulfonamide	Environmental	6	-0.68	0.53	Symmetrical
Tetracycline	Clinical	7	0.52	0.63	Symmetrical
Tetracycline	Environmental	8	-0.87	0.42	Symmetrical

N = Number of studies in meta-analysis