

Supplementary table 4. Pooled antimicrobial resistance and heterogeneity metrics by site (clinical and environmental) and dataset type (all, with effluent, without effluent).

Statistics	All datasets			Datasets with effluents			Datasets without effluents		
	All dataset	Clinical	Environmental	All datasets	Clinical	Environmental	All datasets	Clinical	Environmental
τ^2	14.11	9.62	17.24	11.58	12.17	10.66	19.15	6.19	43.87
I^2	98.76	97.93	99.08	98.78	98.05	99.03	98.66	97.28	98.81
H^2	80.45	48.32	108.54	81.77	51.41	102.88	74.68	36.78	84.07
Wald	4109.4 *	1337.2*	2706.6*	3178.9 *	674.21 *	2476.2 *	913.9*	661.53*	230.7*
LRT	16888.6*	5160.2*	11375.8*	12118.9 *	3285.9 *	8715.2 *	4762.8*	1857.8*	2606.0*
Pooled mean	0.46	0.67	0.24	0.42	0.59	0.28	0.51	0.76	0.15
LCI	0.36	0.55	0.14	0.30	0.58	0.17	0.36	0.63	0.03
HCI	0.57	0.77	0.39	0.54	0.59	0.44	0.69	0.85	0.49

* P value < 0.001. The articles that considered effluents in the environmental samples were: 23,25,26,30,32,34,38,40. The studies that not included effluent in the environmental samples were: 24,25,27,29,33,35–37,39