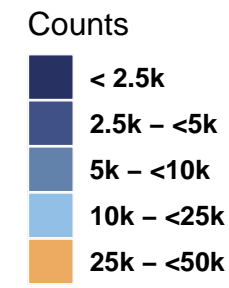
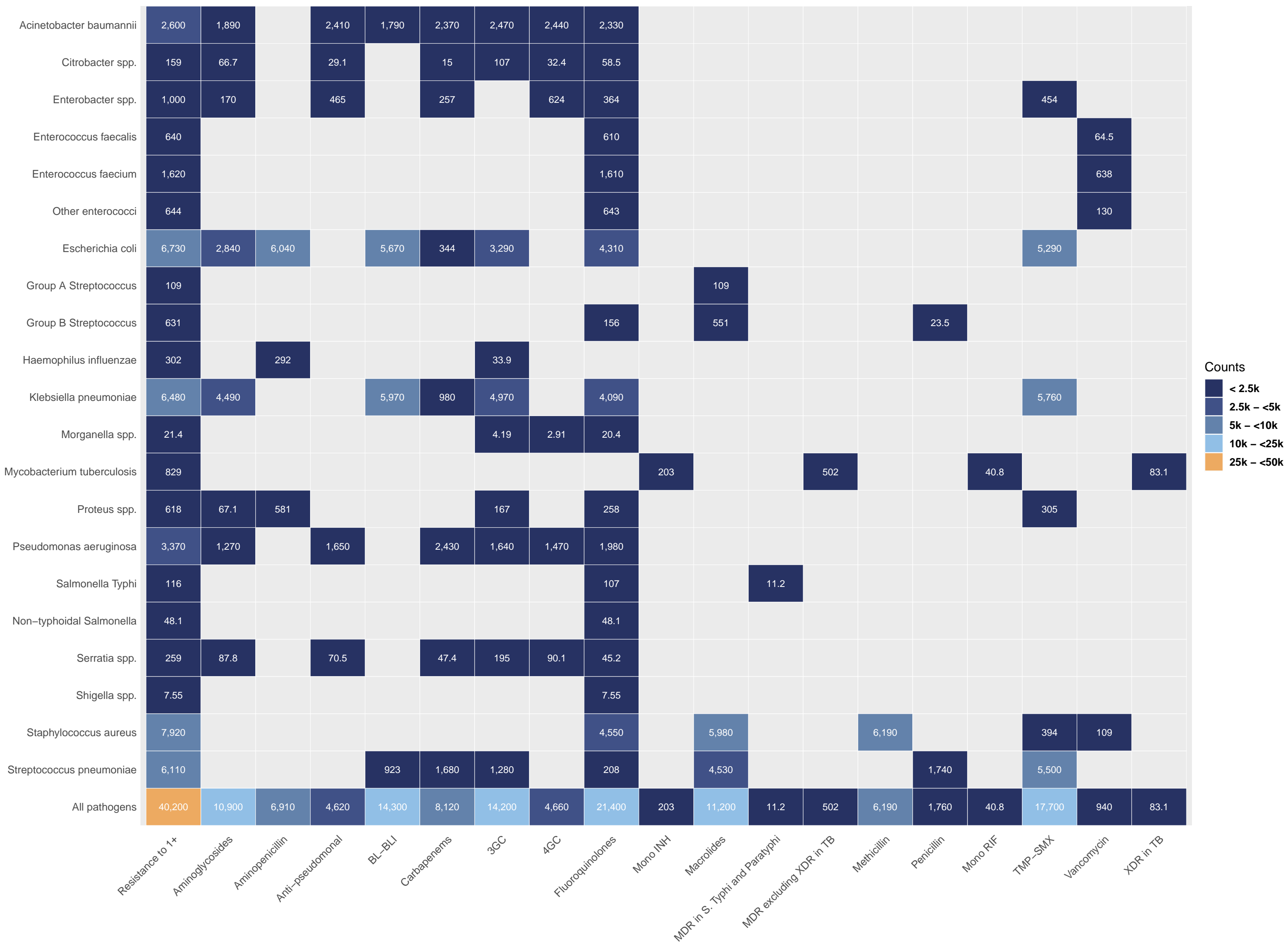


DEATHS

Andean Latin America

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Andean Latin America

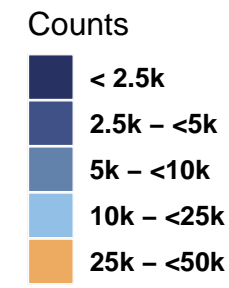
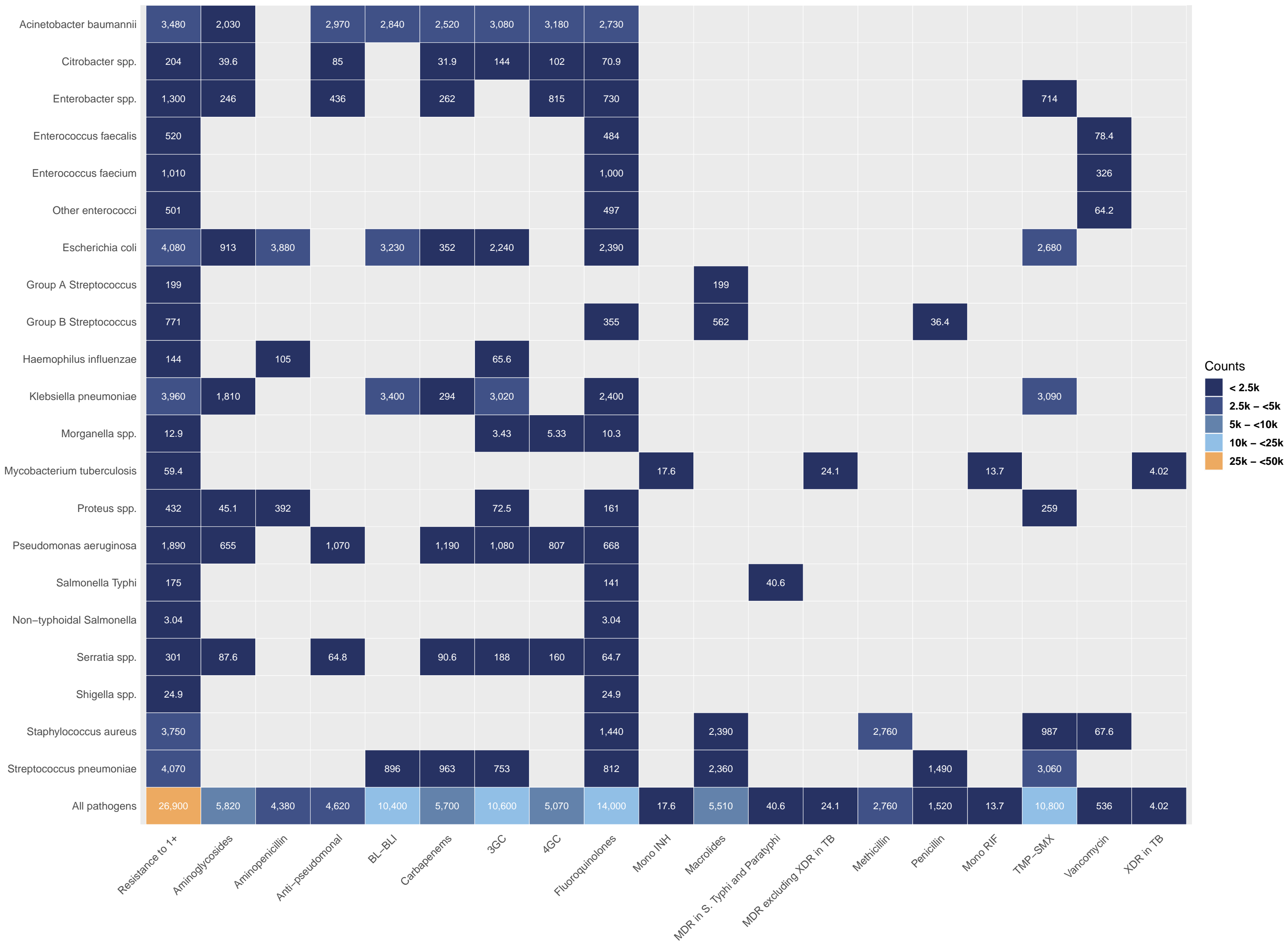
Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	834	79.7		29.3	0.074	404	19.4	9.36	291										
Citrobacter spp.	41.7	4.56		6.28		3.58	14.9	3.13	9.24										
Enterobacter spp.	240	10.3		53.8		65.4		42.6	41.5								26.2		
Enterococcus faecalis	173								152									20.6	
Enterococcus faecium	439								292									147	
Other enterococci	139								118									21.6	
Escherichia coli	1,640	168	39.9		238	73.3	398		427								300		
Group A Streptococcus	10.5										10.5								
Group B Streptococcus	87.5								26.8		55.8			4.89					
Haemophilus influenzae	59.6		49.6				10												
Klebsiella pneumoniae	1,760	332			111	231	570		253								262		
Morganella spp.	4.8						0.501	0.462	3.83										
Mycobacterium tuberculosis	392									32.2			297			11.4			50.9
Proteus spp.	83.2	3.41	12.6				37.4		18.7									11	
Pseudomonas aeruginosa	822	31.6		82.1		427	49.9	23.4	208										
Salmonella Typhi	23.4								22			1.4							
Non-typhoidal Salmonella	10								10										
Serratia spp.	66.3	5.39		15.1		12.8	19.5	8.81	4.77										
Shigella spp.	1.58								1.58										
Staphylococcus aureus	2,120								198		225		1,630				31.2	29.6	
Streptococcus pneumoniae	1,170				13.1	362	59.4		22.3		171			68.1			477		
All pathogens	10,100	635	102	187	362	1,580	1,180	87.8	2,100	32.2	463	1.4	297	1,630	73	11.4	1,110	219	50.9
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 < 2.5k
 10k – <25k

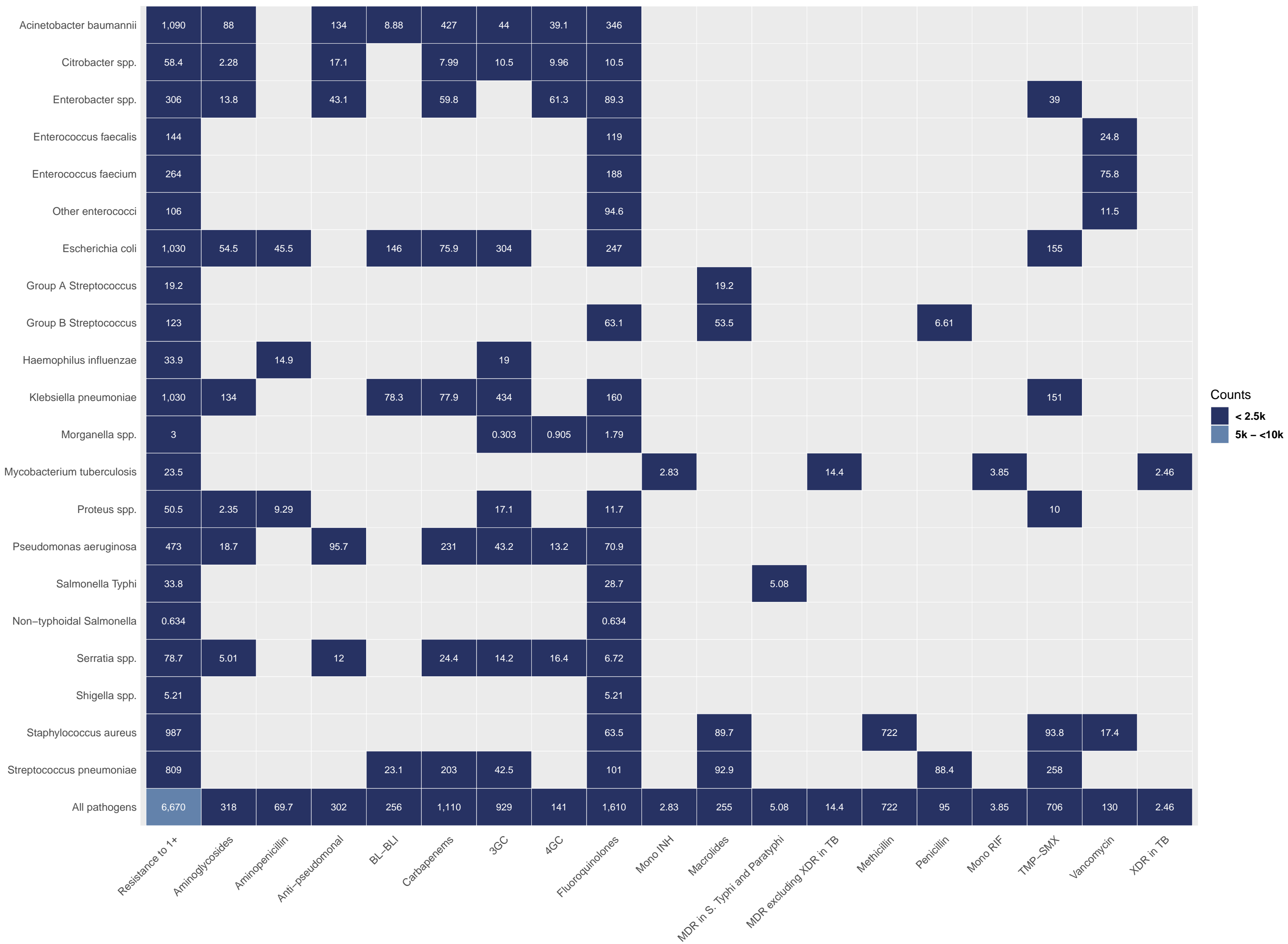
Caribbean

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Caribbean

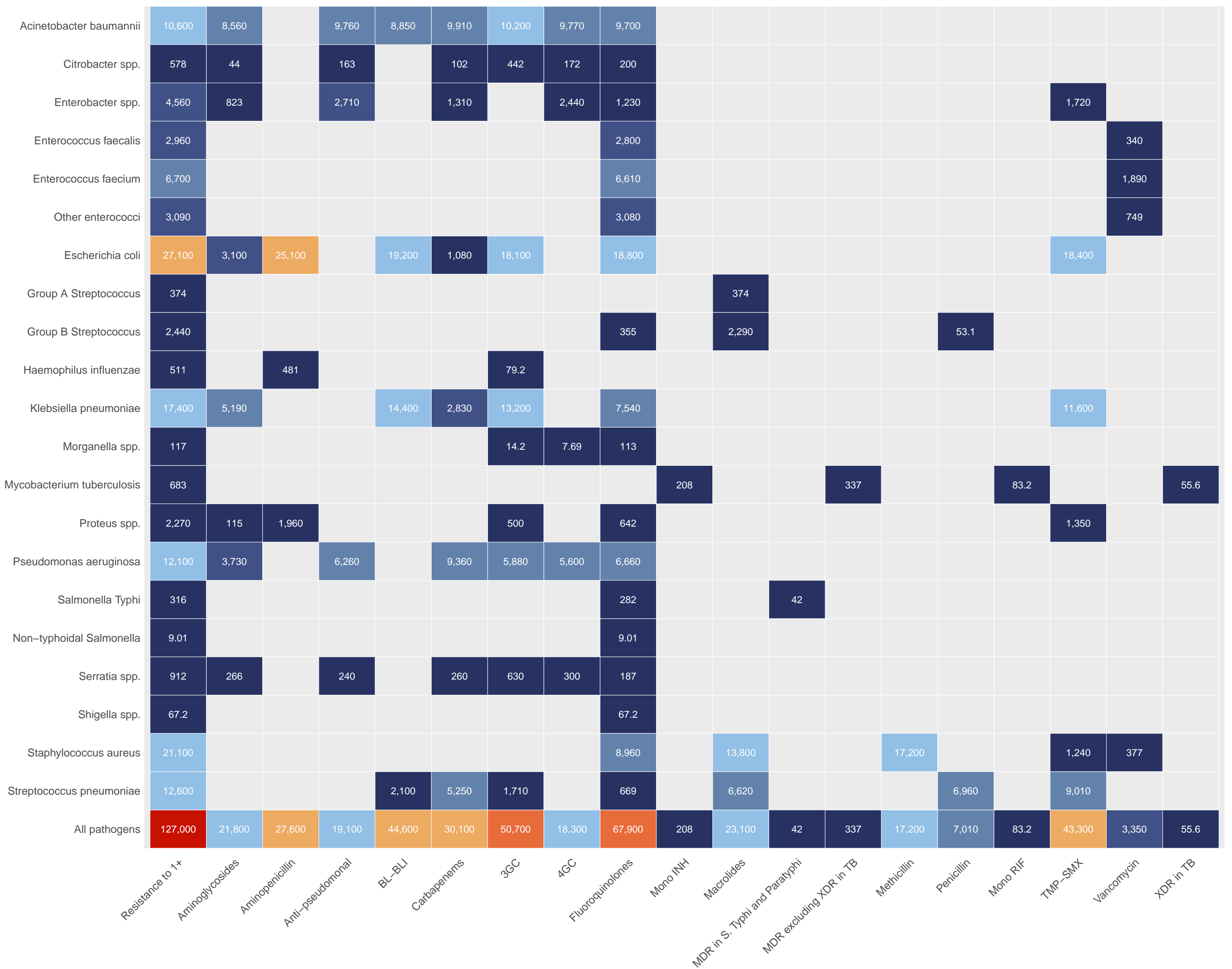
Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



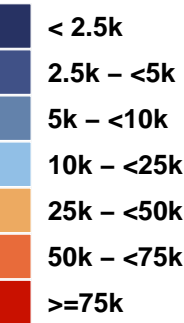
Counts
 < 2.5k
 5k – <10k

Central Latin America

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

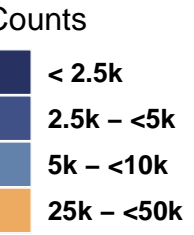
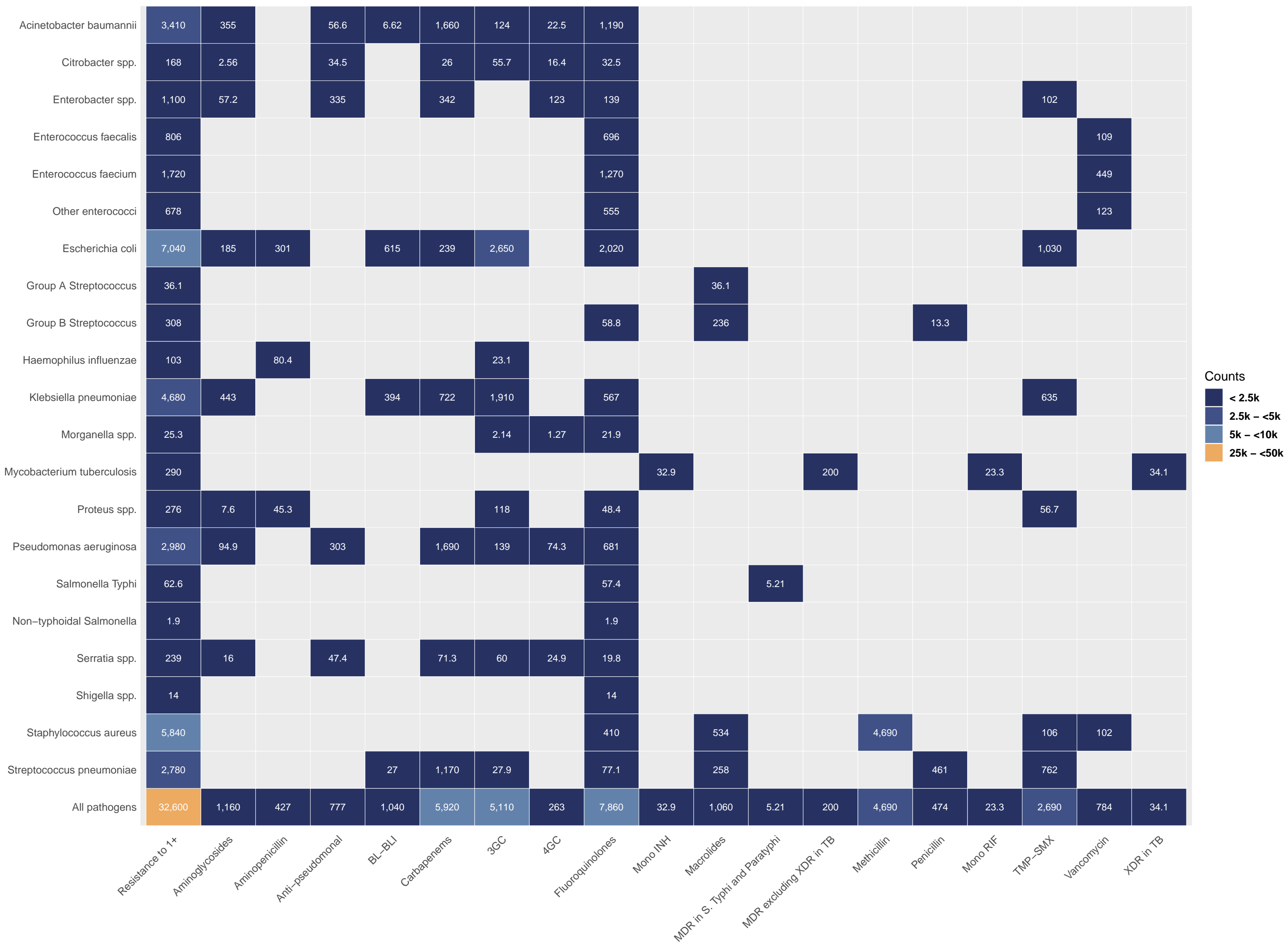


Counts



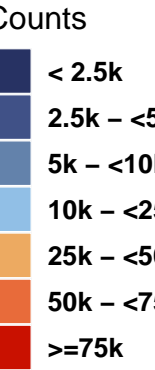
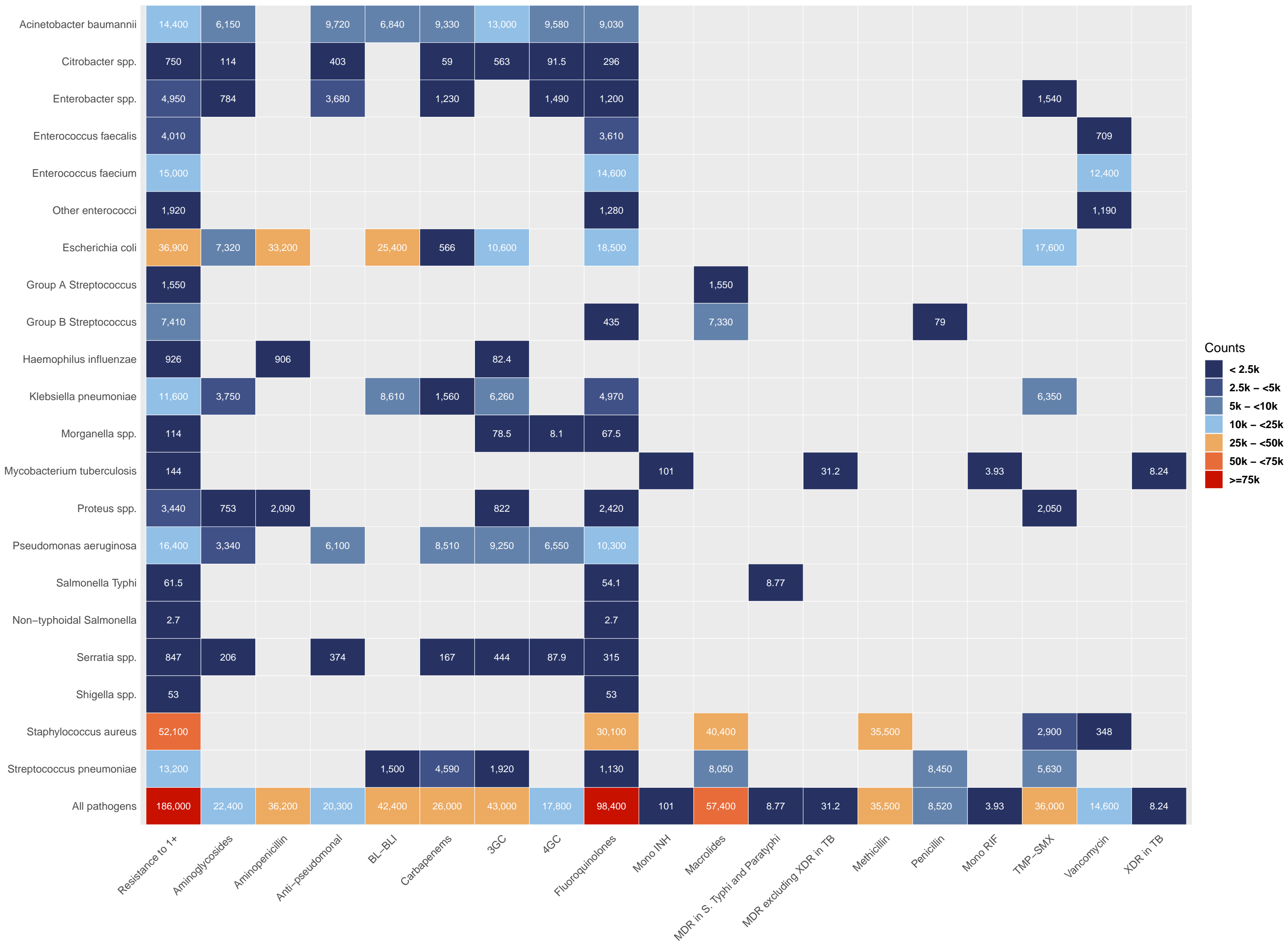
Central Latin America

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



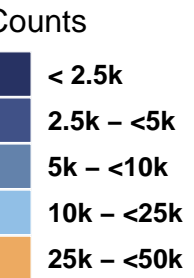
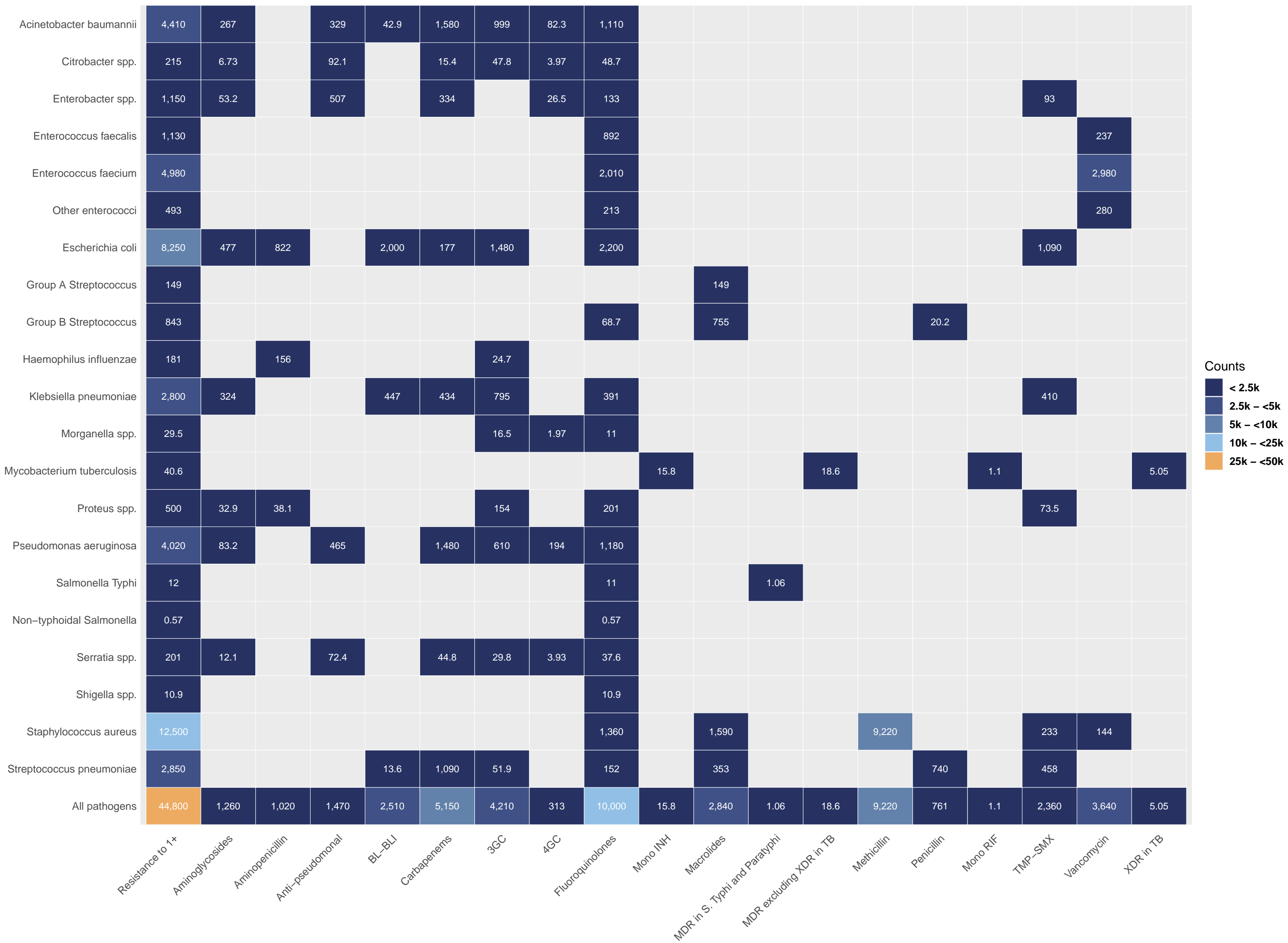
High-income North America

Deaths (count) associated with bacterial antimicrobial resistance by pathogen-drug combinations, 2019



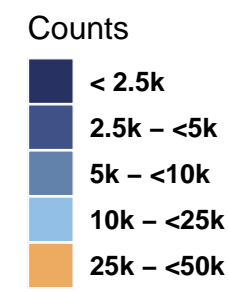
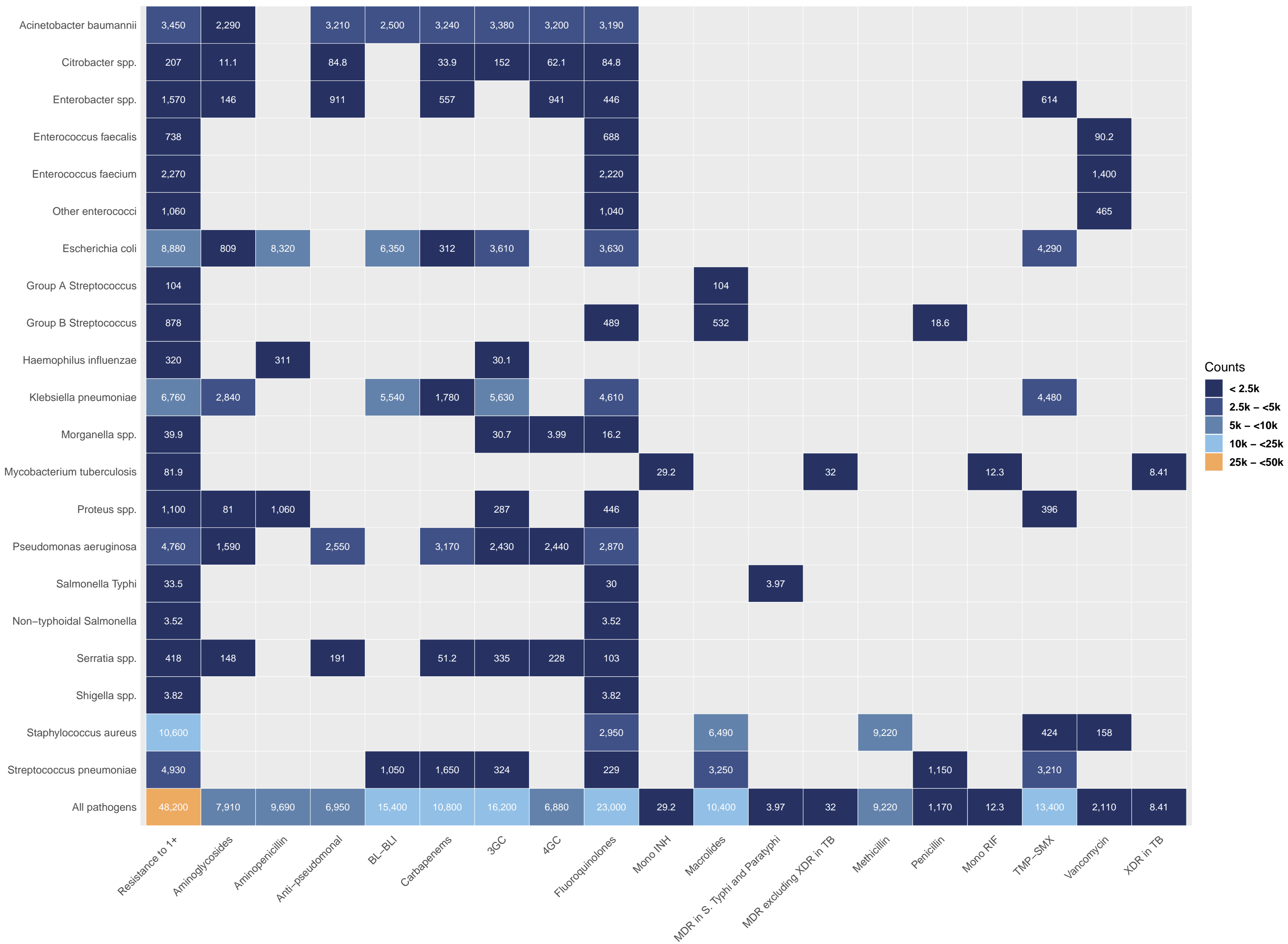
High-income North America

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen-drug combinations, 2019



Southern Latin America

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Southern Latin America

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

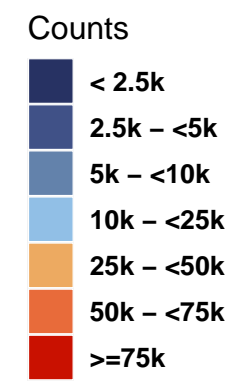
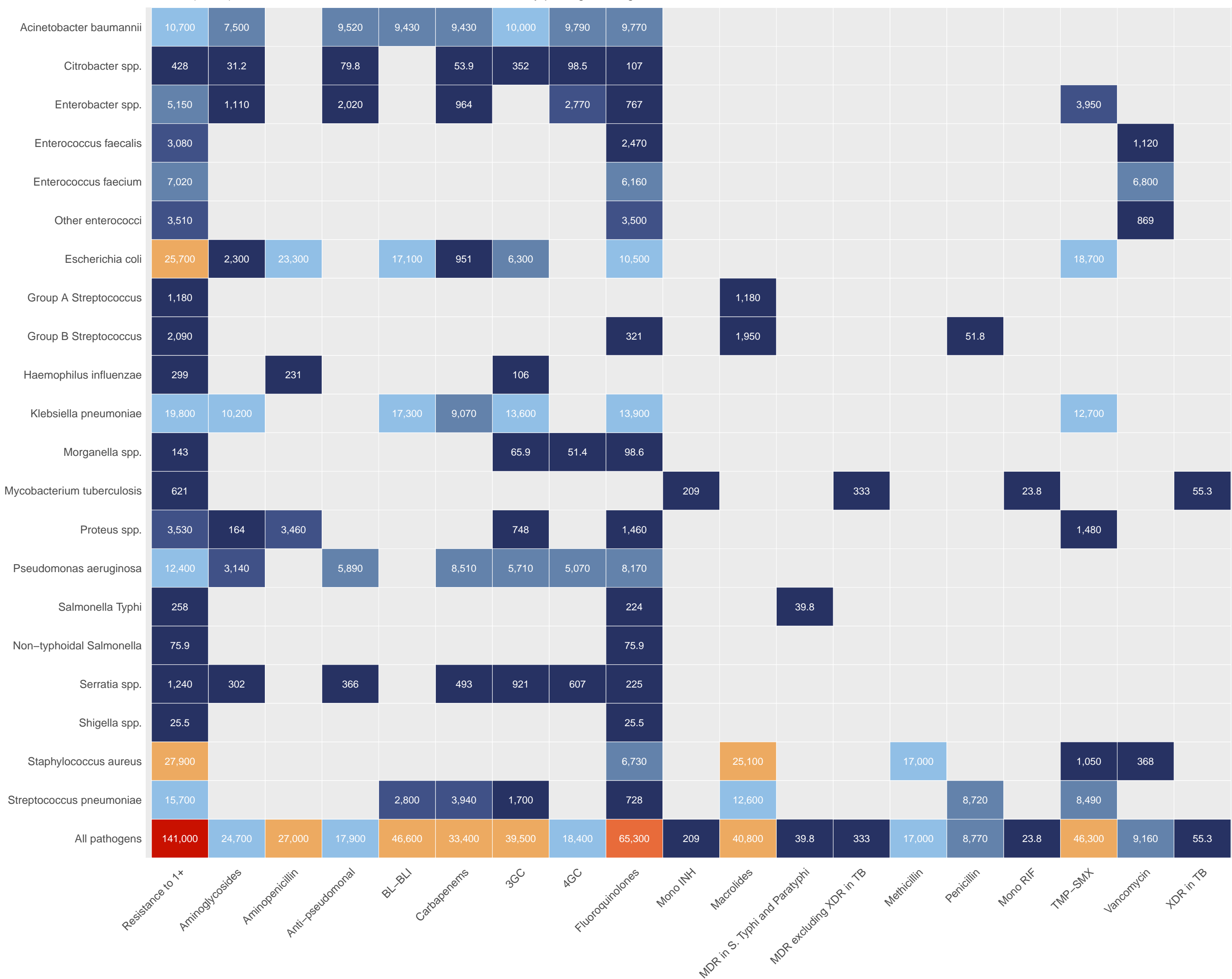
Acinetobacter baumannii	1,110	95		20	0.113	552	35.4	7.94	399										
Citrobacter spp.	59.9	0.662		17.6		8.42	13.9	5.02	14.4										
Enterobacter spp.	393	9.6		105		148		47	47.9								35.8		
Enterococcus faecalis	202								172									30.4	
Enterococcus faecium	685								358									328	
Other enterococci	253								173									79.4	
Escherichia coli	2,050	57.7	193		457	85	584		405									271	
Group A Streptococcus	10										10								
Group B Streptococcus	146								91.1		51				4.15				
Haemophilus influenzae	62.6		53.6					9.08											
Klebsiella pneumoniae	1,940	225			102	392	665		337									223	
Morganella spp.	10.6							6.93	0.948	2.7									
Mycobacterium tuberculosis	32.3									4.63			19.1			3.43			5.16
Proteus spp.	143	4.29	24.4					66										14.7	
Pseudomonas aeruginosa	1,170	39.6		170		554	58.8	45.9	305										
Salmonella Typhi	6.65								6.15			0.503							
Non-typhoidal Salmonella	0.738								0.738										
Serratia spp.	110	8.49		38.6		13.2	18.3	20.9	10.6										
Shigella spp.	0.793								0.793										
Staphylococcus aureus	3,080								142		256			2,610				35.7	42.1
Streptococcus pneumoniae	913				27.8	369	4.96		29		144			46.9				291	
All pathogens	12,400	441	271	351	587	2,120	1,460	128	2,530	4.63	461	0.503	19.1	2,610	51	3.43	870	480	5.16
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts



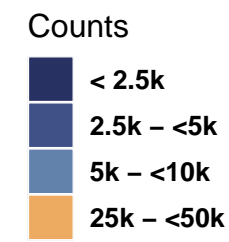
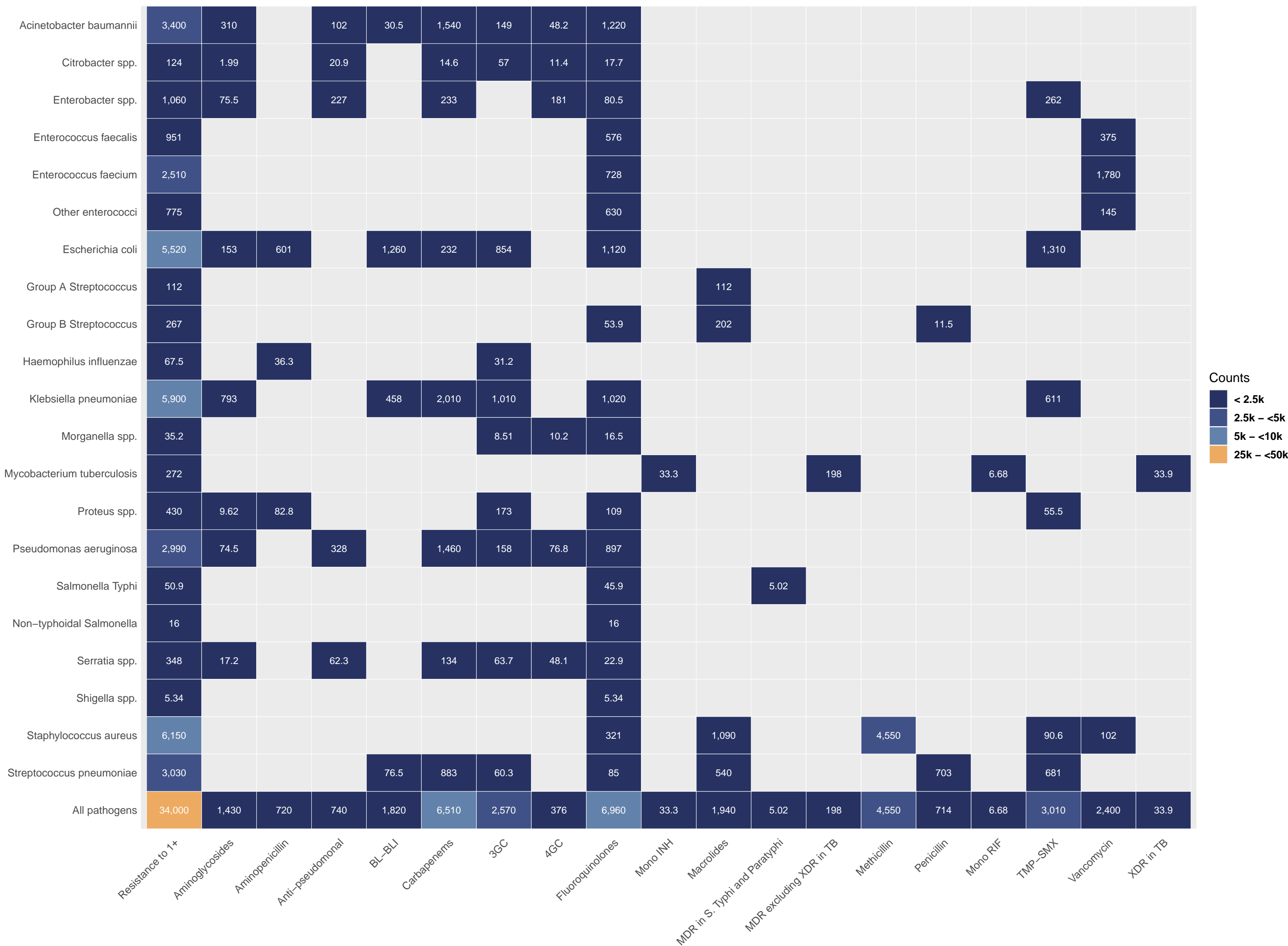
Tropical Latin America

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Tropical Latin America

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Antigua and Barbuda

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	8.72	5.98		8.11	7.07	7.35	7.75	7.48	8.6										
Citrobacter spp.	0.348	0.052		0.068		0.063	0.236	0.157	0.12										
Enterobacter spp.	2.7	0.542		1.01		0.674		1.2	1.09								1.81		
Enterococcus faecalis	1.06								1.01									0.123	
Enterococcus faecium	2.05								2.02									0.834	
Other enterococci	1.43								1.42									0.332	
Escherichia coli	7.49	0.769	7.03		5.89	0.612	3.82		4.37									5.01	
Group A Streptococcus	0.517										0.517								
Group B Streptococcus	0.729								0.178		0.63			0.03					
Haemophilus influenzae	0.123		0.099				0.04												
Klebsiella pneumoniae	5.45	1.29			4.43	0.563	3.59		3.12									4.41	
Morganella spp.	0.036						0.008	0.005	0.033										
Mycobacterium tuberculosis	0.008									0.001			0.005			0.0005			0.0008
Proteus spp.	1.04	0.068	0.938				0.203		0.502									0.666	
Pseudomonas aeruginosa	4	1.4		1.72		3	1.63	1.36	2.4										
Salmonella Typhi	0.04								0.034			0.007							
Non-typhoidal Salmonella	0.011								0.011										
Serratia spp.	0.412	0.125		0.117		0.115	0.289	0.132	0.089										
Shigella spp.	0.003								0.003										
Staphylococcus aureus	7.23								2.13		4.53		6.21					1.38	0.135
Streptococcus pneumoniae	5.56				1.12	2.19	1.11		0.25		4.19			2.47				3.67	
All pathogens	48.9	10.2	8.07	11	18.5	14.6	18.7	10.3	27.4	0.001	9.87	0.007	0.005	6.21	2.5	0.0005	16.9	1.42	0.0008
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

< 500

Antigua and Barbuda

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

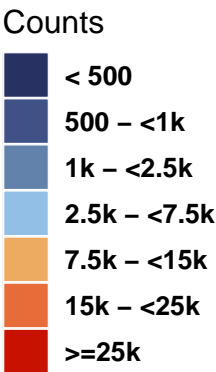
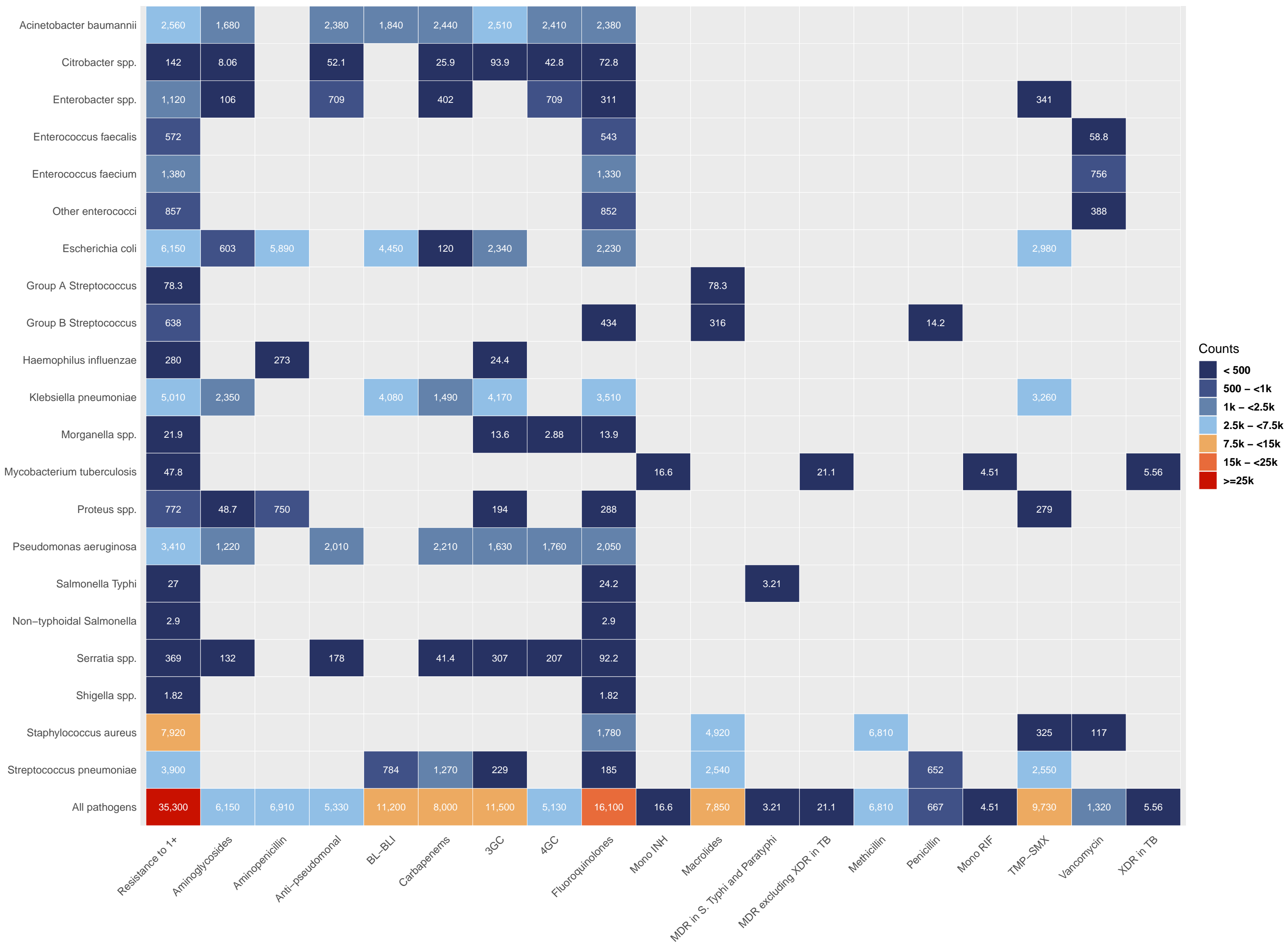
Acinetobacter baumannii	2.77	0.25		0.14	0.006	1.19	0.061	0.009	1.11										
Citrobacter spp.	0.099	0.003		0.014		0.016	0.028	0.019	0.019										
Enterobacter spp.	0.601	0.034		0.103		0.164		0.06	0.125							0.114			
Enterococcus faecalis	0.288								0.25									0.038	
Enterococcus faecium	0.557								0.365									0.192	
Other enterococci	0.315								0.259									0.056	
Escherichia coli	1.86	0.048	0.084		0.289	0.138	0.531		0.472								0.301		
Group A Streptococcus	0.05										0.05								
Group B Streptococcus	0.101								0.031		0.064			0.006					
Haemophilus influenzae	0.027		0.016				0.012												
Klebsiella pneumoniae	1.36	0.108			0.133	0.149	0.501		0.222								0.248		
Morganella spp.	0.008						0.001	0.0009	0.006										
Mycobacterium tuberculosis	0.004									0.0002			0.003			0.0001			0.0005
Proteus spp.	0.132	0.004	0.021				0.046		0.036									0.025	
Pseudomonas aeruginosa	0.948	0.035		0.071		0.525	0.046	0.014	0.255										
Salmonella Typhi	0.008								0.007			0.0009							
Non-typhoidal Salmonella	0.002								0.002										
Serratia spp.	0.108	0.008		0.023		0.032	0.026	0.011	0.01										
Shigella spp.	0.0006								0.0006										
Staphylococcus aureus	2.1								0.097		0.168		1.69				0.119	0.032	
Streptococcus pneumoniae	1.15				0.015	0.482	0.022		0.028		0.174			0.123			0.305		
All pathogens	12.5	0.489	0.12	0.351	0.443	2.7	1.27	0.114	3.3	0.0002	0.455	0.0009	0.003	1.69	0.13	0.0001	1.11	0.318	0.0005
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

< 500

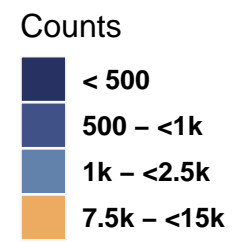
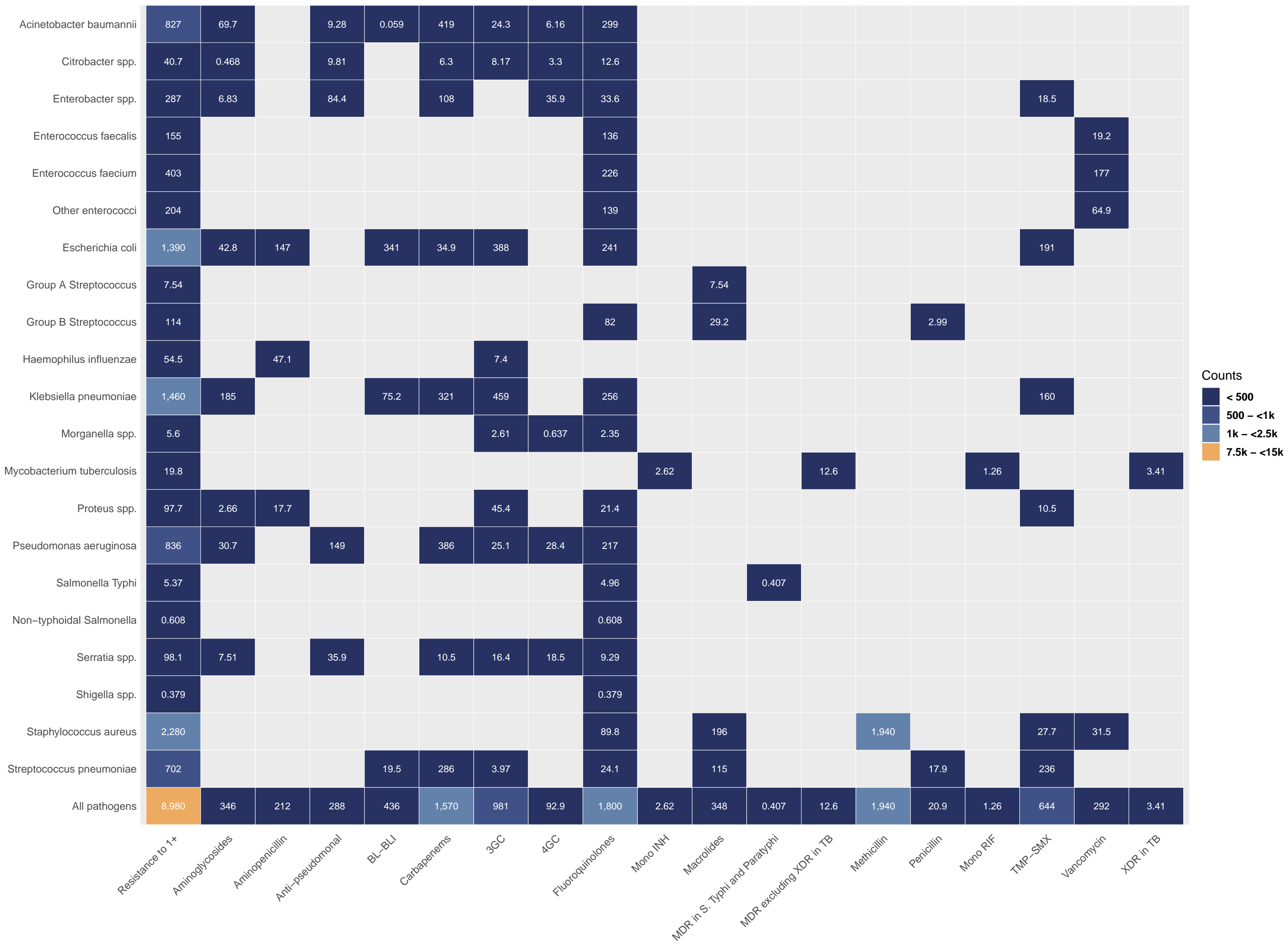
Argentina

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Argentina

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Barbados

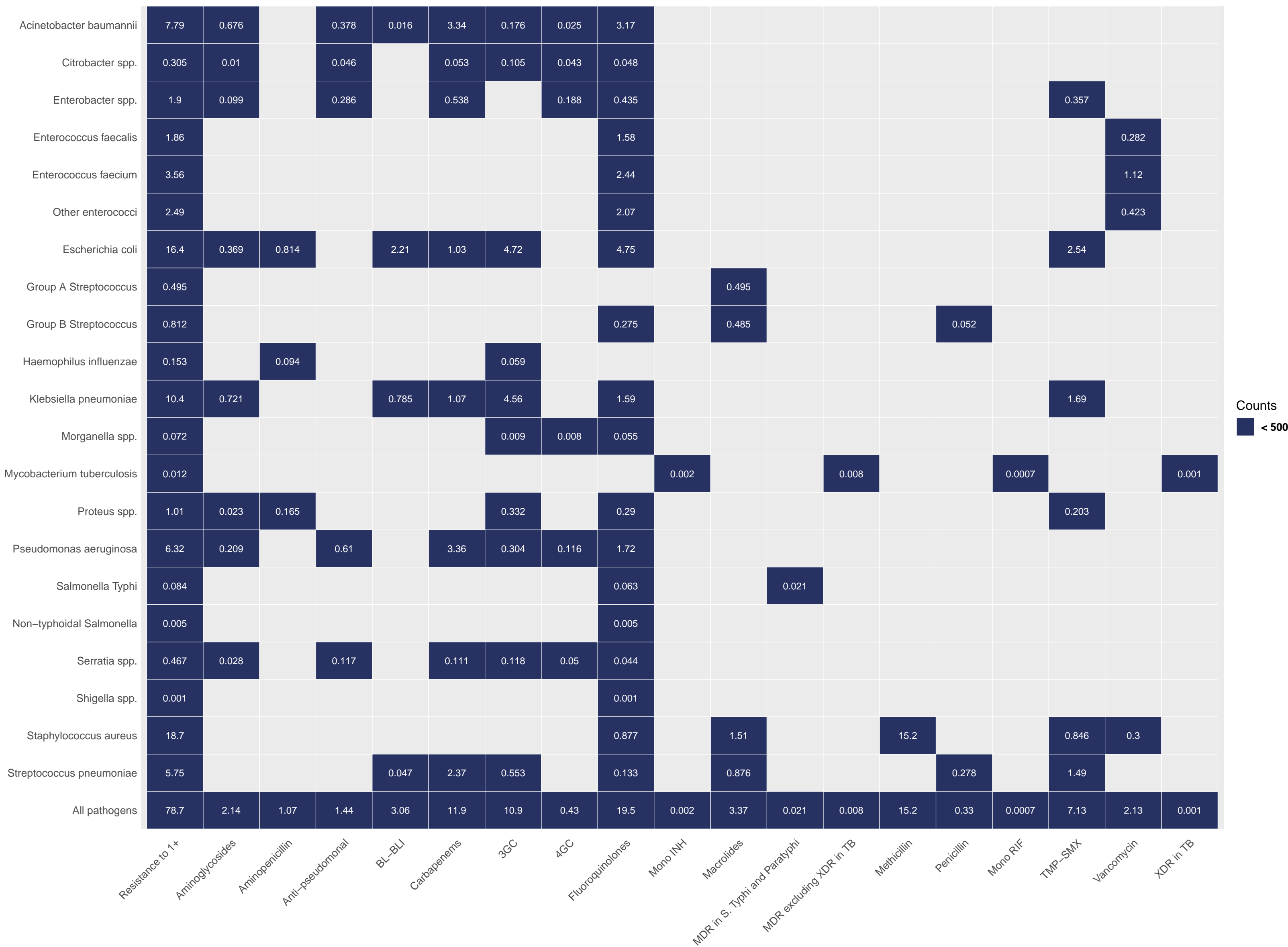
Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	24.6	16.2		22.4	18.2	20.6	20.5	20.2	24.2										
Citrobacter spp.	1.06	0.171		0.213		0.204	0.784	0.387	0.308										
Enterobacter spp.	8.48	1.59		2.93		2.21		3.71	3.65								5.63		
Enterococcus faecalis	6.8								6.4									0.899	
Enterococcus faecium	13.4								13.2									4.87	
Other enterococci	11.4								11.3									2.51	
Escherichia coli	65.5	5.78	60.2		48.1	4.67	34.4		42.5									43.3	
Group A Streptococcus	5.14										5.14								
Group B Streptococcus	5.72								1.56		4.8			0.251					
Haemophilus influenzae	0.705		0.591				0.2												
Klebsiella pneumoniae	40.1	8.31			31.9	3.92	29.9		21.7									30.2	
Morganella spp.	0.319						0.072	0.047	0.294										
Mycobacterium tuberculosis	0.031									0.013			0.013			0.002			0.002
Proteus spp.	8.22	0.356	7.25				1.45		3.92									5.25	
Pseudomonas aeruginosa	26.6	8.39		11.9		19.1	10.8	9.21	15.9										
Salmonella Typhi	0.456								0.321			0.179							
Non-typhoidal Salmonella	0.026								0.026										
Serratia spp.	1.77	0.465		0.566		0.409	1.31	0.585	0.401										
Shigella spp.	0.006								0.006										
Staphylococcus aureus	64.3								19.2		40.3		55.4					9.86	1.27
Streptococcus pneumoniae	27.6				5.63	10.6	9.45		1.2		20.5			8.88				17.6	
All pathogens	312	41.3	68.1	38	104	61.7	109	34.1	166	0.013	70.7	0.179	0.013	55.4	9.13	0.002	112	9.55	0.002
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 < 500

Barbados

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Counts
 < 500

Belize

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	24.5	15.4		22.3	20.4	20.1	22.8	21.6	19.9										
Citrobacter spp.	1.46	0.102		0.462		0.231	0.991	0.669	0.581										
Enterobacter spp.	9.64	1.64		3.59		2.07		5.4	4.67								6.12		
Enterococcus faecalis	3.15								2.88									0.546	
Enterococcus faecium	6.67								6.61									2.19	
Other enterococci	4.23								4.23									0.202	
Escherichia coli	25.3	4.87	24.6		20.7	1.78	11		13.6									17.4	
Group A Streptococcus	1.14										1.14								
Group B Streptococcus	3.09								0.752		2.68			0.247					
Haemophilus influenzae	0.359		0.204				0.204												
Klebsiella pneumoniae	20.4	8.25			17.3	1.38	14.4		11.9									15.9	
Morganella spp.	0.128						0.028	0.025	0.117										
Mycobacterium tuberculosis	0.264									0.054			0.151			0.034			0.025
Proteus spp.	2.95	0.175	2.62				0.518		0.907									1.94	
Pseudomonas aeruginosa	12.2	5.6		6.33		8.07	6.28	4.69	5.64										
Salmonella Typhi	0.357								0.312			0.054							
Non-typhoidal Salmonella	0.02								0.02										
Serratia spp.	1.73	0.553		0.567		0.452	1.05	0.549	0.618										
Shigella spp.	0.027								0.027										
Staphylococcus aureus	20								6.7		11.6		17				4.04	0.354	
Streptococcus pneumoniae	20.3				4.46	5.28	3.37		1.09		9.6			9.08			16.1		
All pathogens	158	36.6	27.4	33.3	62.9	39.3	60.6	33	80.5	0.054	25.1	0.054	0.151	17	9.32	0.034	61.5	3.29	0.025
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

< 500

Belize

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

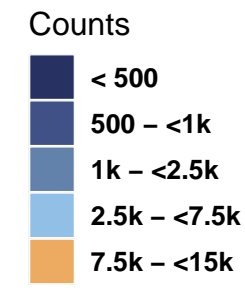
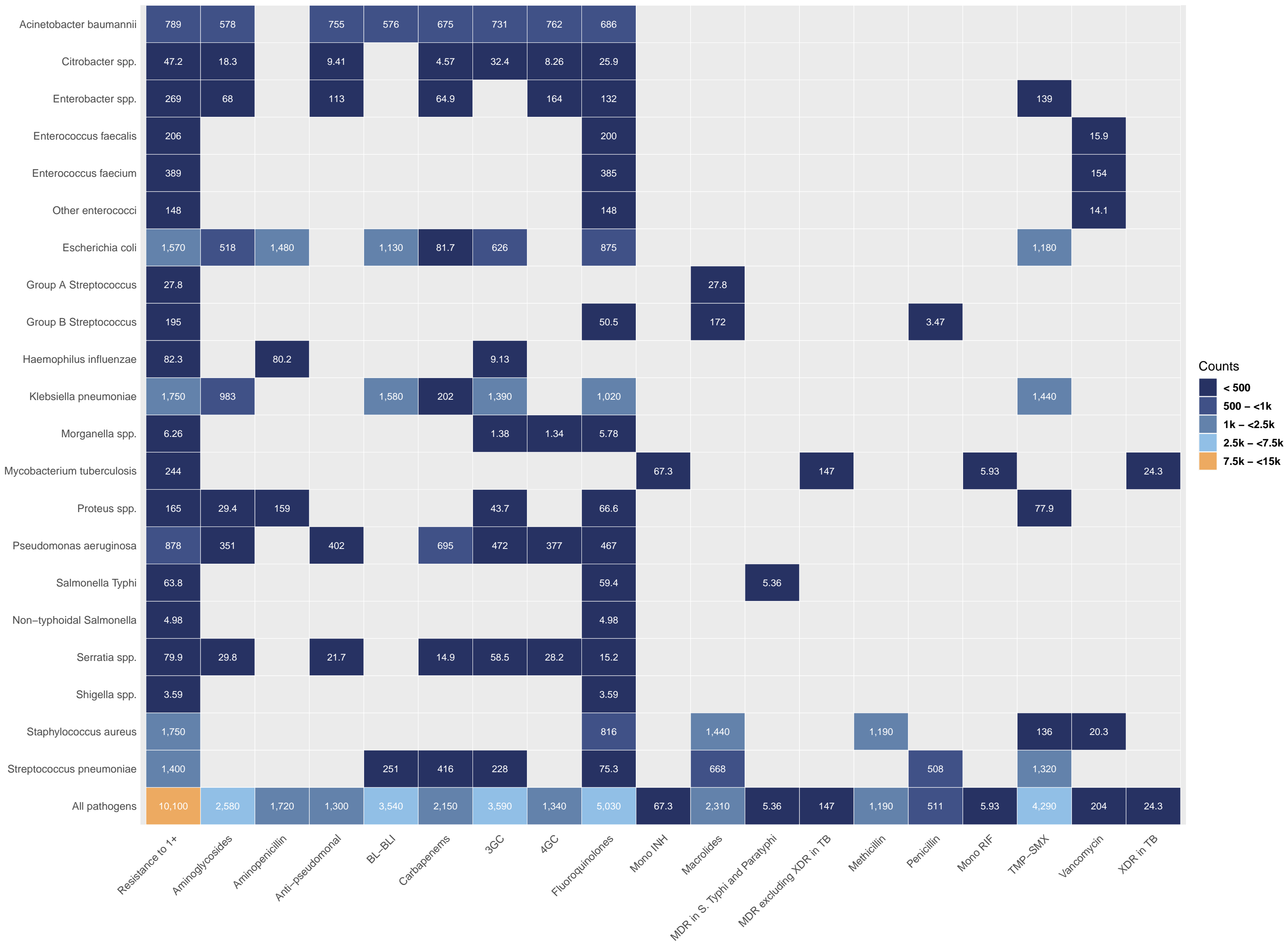
Acinetobacter baumannii	7.72	0.652		0.667	0.061	3.38	0.406	0.089	2.47										
Citrobacter spp.	0.413	0.005		0.092		0.057	0.093	0.072	0.095										
Enterobacter spp.	2.2	0.096		0.363		0.474		0.347	0.554								0.362		
Enterococcus faecalis	0.882								0.706									0.176	
Enterococcus faecium	1.75								1.24									0.509	
Other enterococci	0.862								0.826									0.036	
Escherichia coli	6.08	0.297	0.327		1.15	0.394	1.47		1.4									1.04	
Group A Streptococcus	0.11										0.11								
Group B Streptococcus	0.442								0.128		0.268			0.046					
Haemophilus influenzae	0.09		0.029				0.06												
Klebsiella pneumoniae	5.14	0.623			0.489	0.38	2.02		0.799									0.827	
Morganella spp.	0.029						0.003	0.004	0.022										
Mycobacterium tuberculosis	0.124									0.009			0.09			0.01			0.015
Proteus spp.	0.342	0.011	0.062				0.124		0.065									0.08	
Pseudomonas aeruginosa	2.94	0.153		0.439		1.48	0.226	0.066	0.581										
Salmonella Typhi	0.071								0.064			0.007							
Non-typhoidal Salmonella	0.004								0.004										
Serratia spp.	0.433	0.032		0.104		0.119	0.07	0.038	0.069										
Shigella spp.	0.006								0.006										
Staphylococcus aureus	5.79								0.301		0.435			4.6				0.361	0.09
Streptococcus pneumoniae	4.02				0.126	1.14	0.149		0.129		0.38			0.618				1.47	
All pathogens	39.4	1.87	0.418	1.67	1.82	7.42	4.63	0.617	9.45	0.009	1.19	0.007	0.09	4.6	0.664	0.01	4.14	0.812	0.015
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

< 500

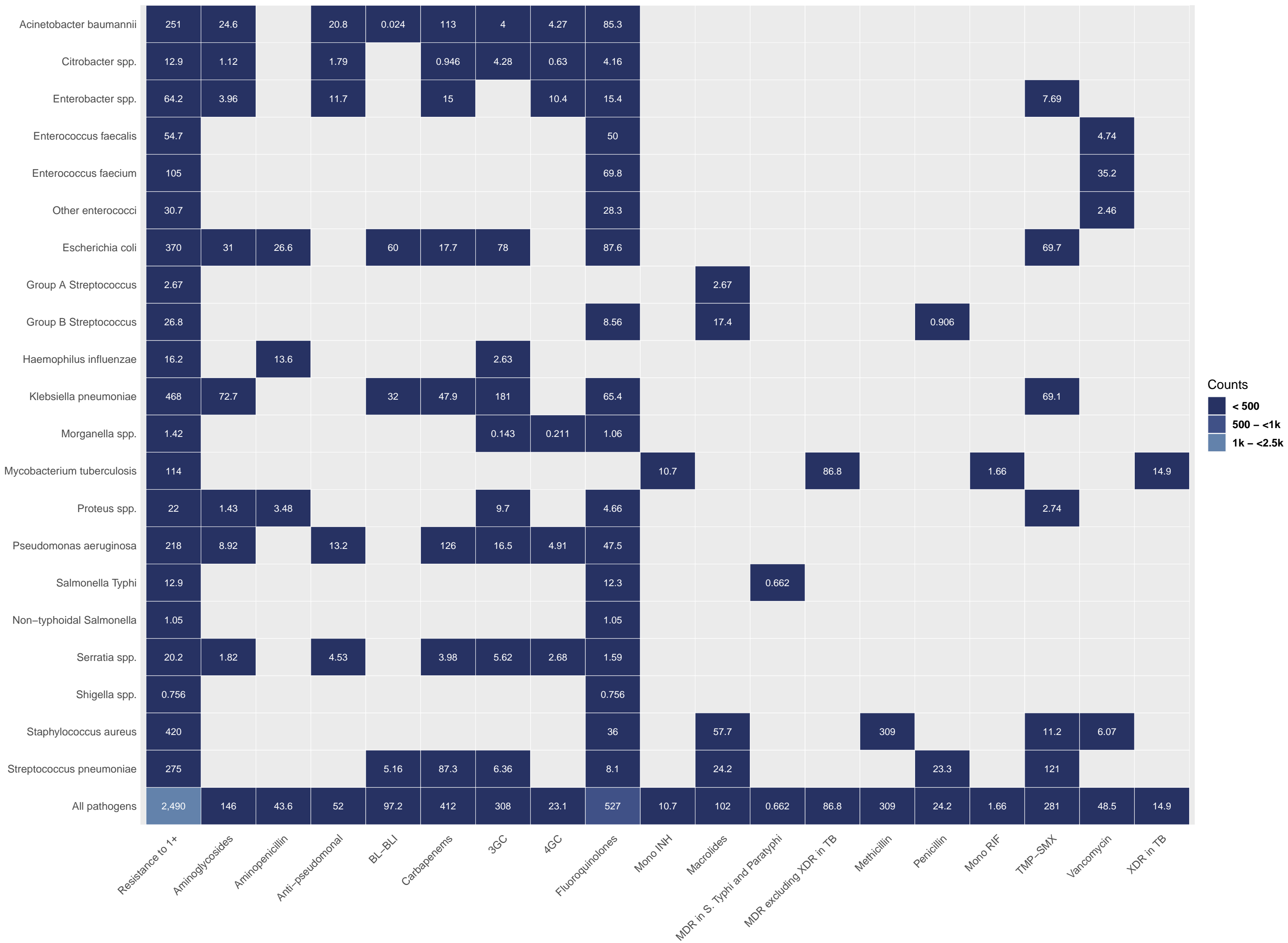
Bolivia

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Bolivia

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

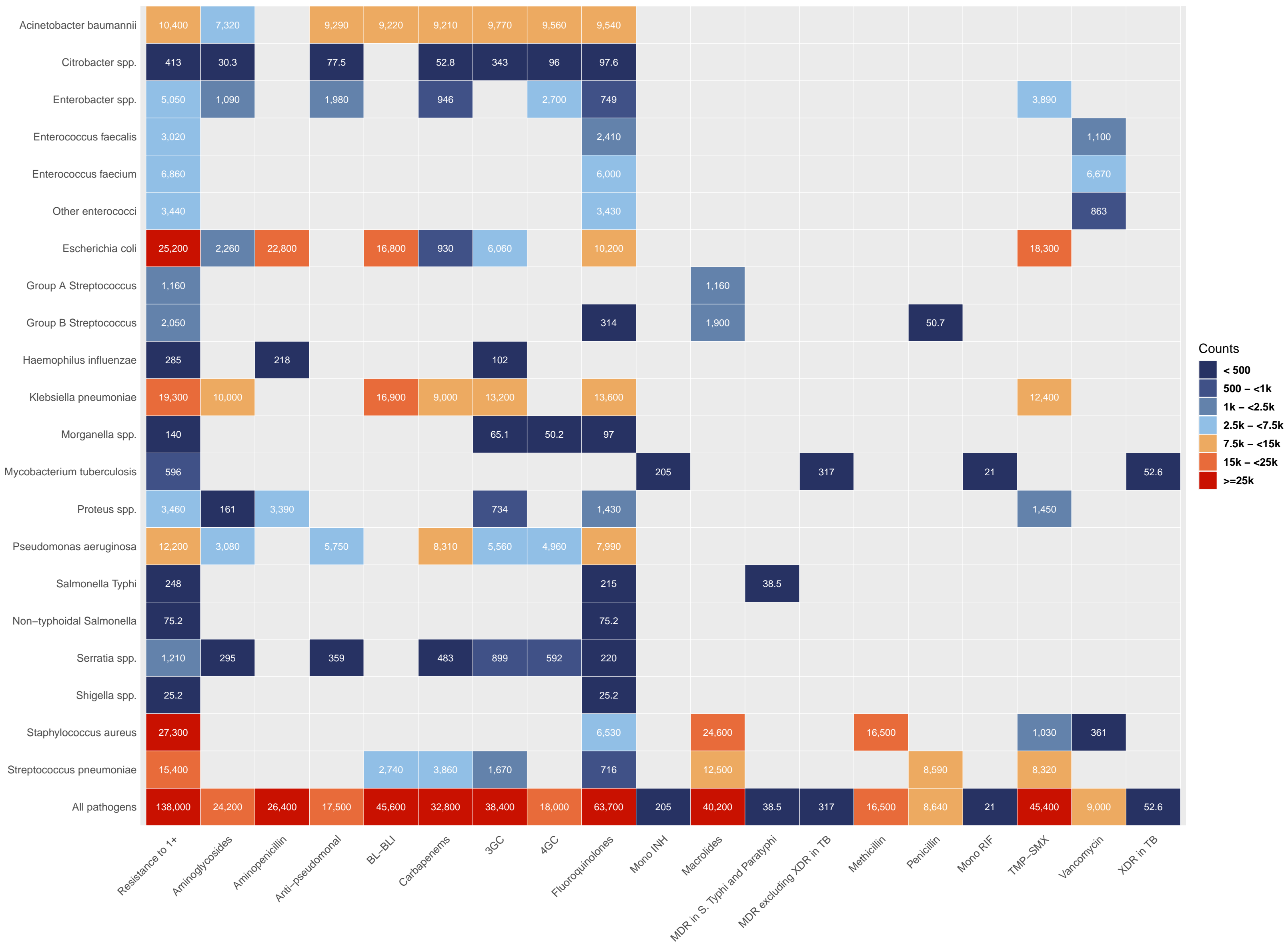


Counts

- < 500
- 500 – <1k
- 1k – <2.5k

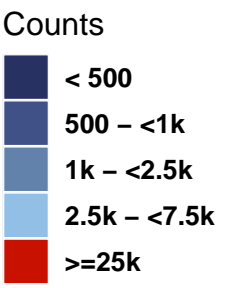
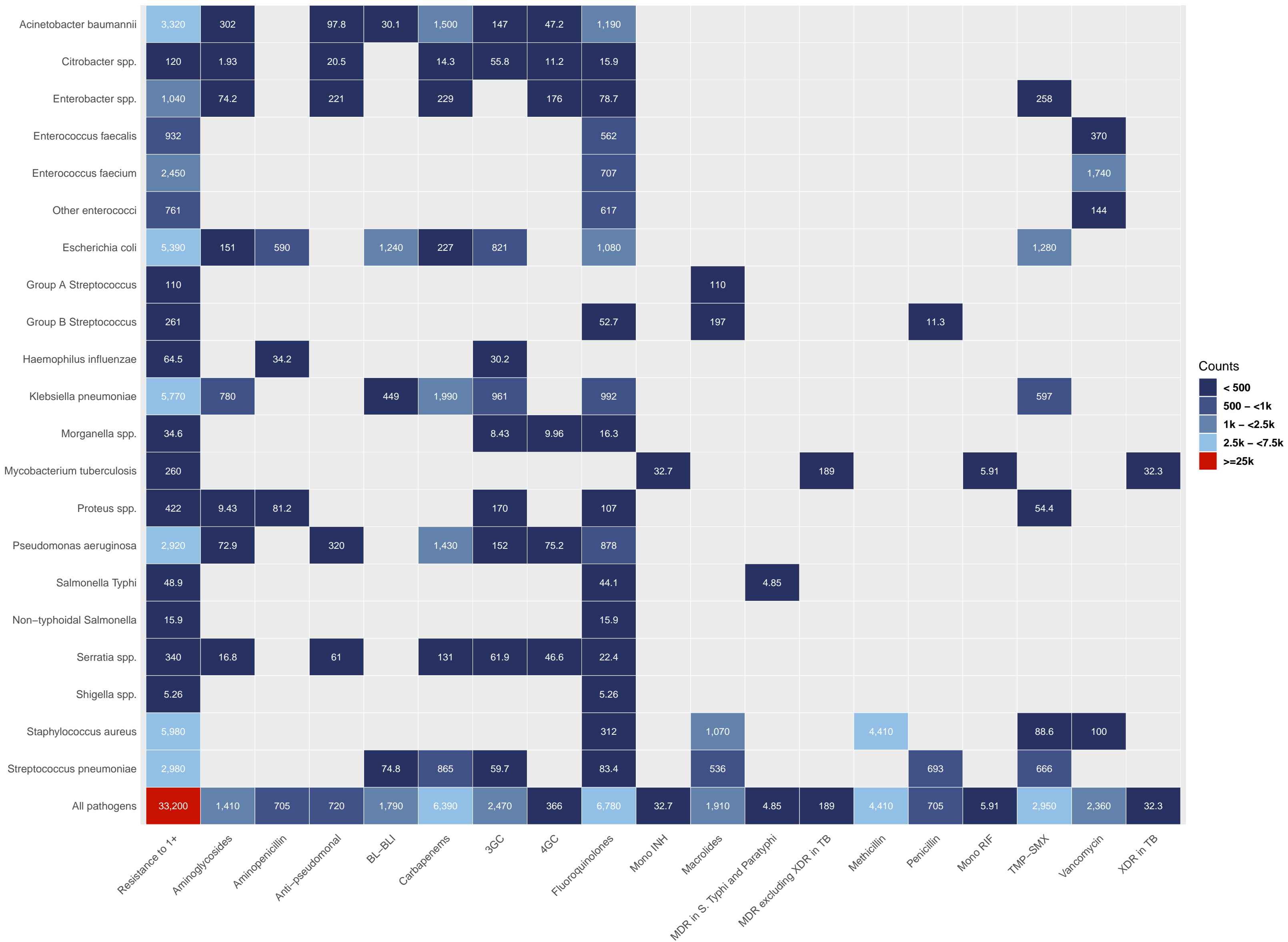
Brazil

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



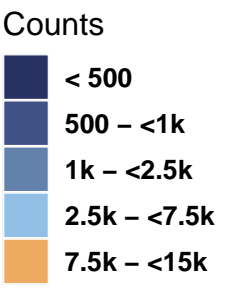
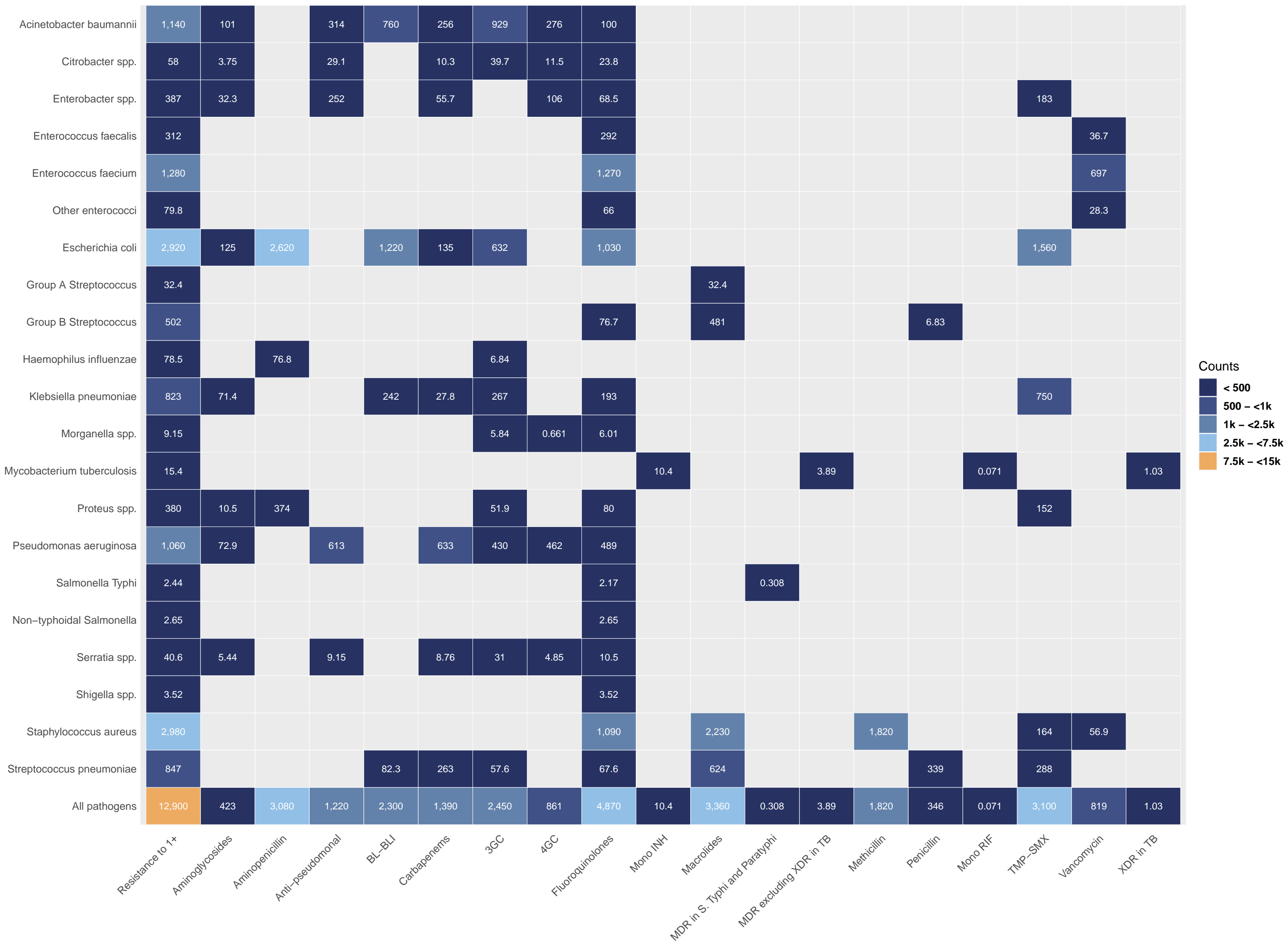
Brazil

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Canada

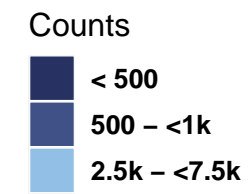
Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Canada

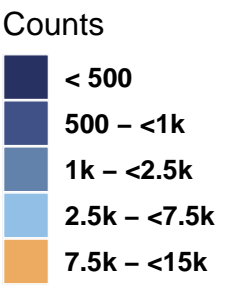
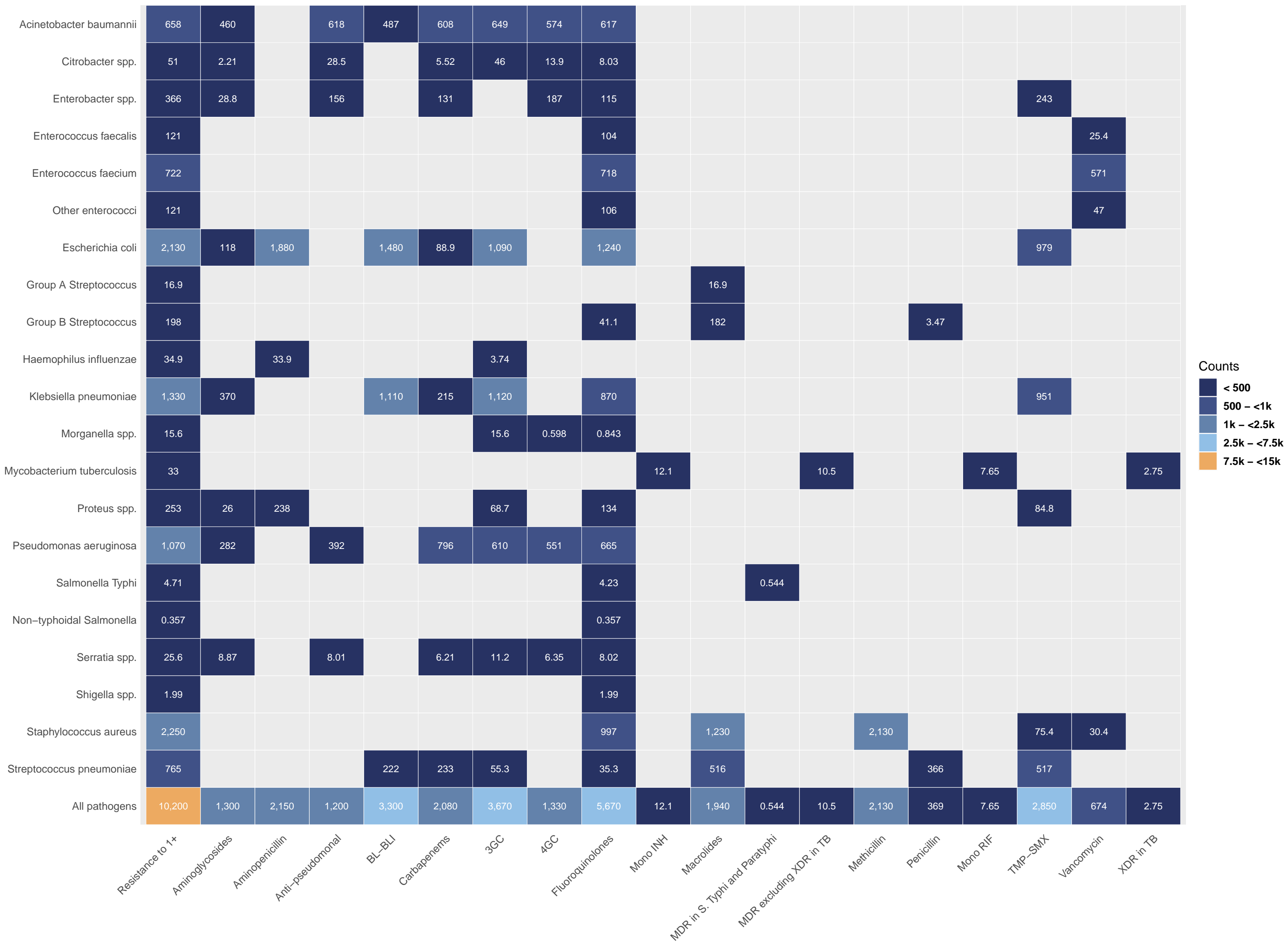
Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	310	7.09		28.8	34.5	60.2	155	8.15	16.9										
Citrobacter spp.	16.8	0.24		6.27		2.69	2.87	0.654	4.09										
Enterobacter spp.	79.3	2.54		37.7		15.3		3.21	7.68							12.9			
Enterococcus faecalis	85.4								73									12.4	
Enterococcus faecium	372								212									160	
Other enterococci	18.7								12.3									6.46	
Escherichia coli	622	10.5	145		108	36.2	94.2		118								110		
Group A Streptococcus	3.1										3.1								
Group B Streptococcus	62.8								12.1		48.9				1.73				
Haemophilus influenzae	15.3		13.2				2.07												
Klebsiella pneumoniae	155	8.9			7.45	12.5	45.6		17.5								63.2		
Morganella spp.	2.34						1.19	0.151	1										
Mycobacterium tuberculosis	4.6									1.64			2.31			0.02			0.628
Proteus spp.	37.2	0.755	10.4				13.7		6.15								6.25		
Pseudomonas aeruginosa	258	2.29		63.5		121	7.87	8.64	54.5										
Salmonella Typhi	0.487								0.448			0.039							
Non-typhoidal Salmonella	0.56								0.56										
Serratia spp.	10.9	0.329		2.11		2.48	4.26	0.488	1.24										
Shigella spp.	0.724								0.724										
Staphylococcus aureus	673								52		98.3		489				15.5	18.2	
Streptococcus pneumoniae	158				1.11	63.6	1.94		10.3		30.7			25.4			24.6		
All pathogens	2,890	32.6	169	138	151	314	328	21.3	600	1.64	181	0.039	2.31	489	27.2	0.02	232	197	0.628
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB



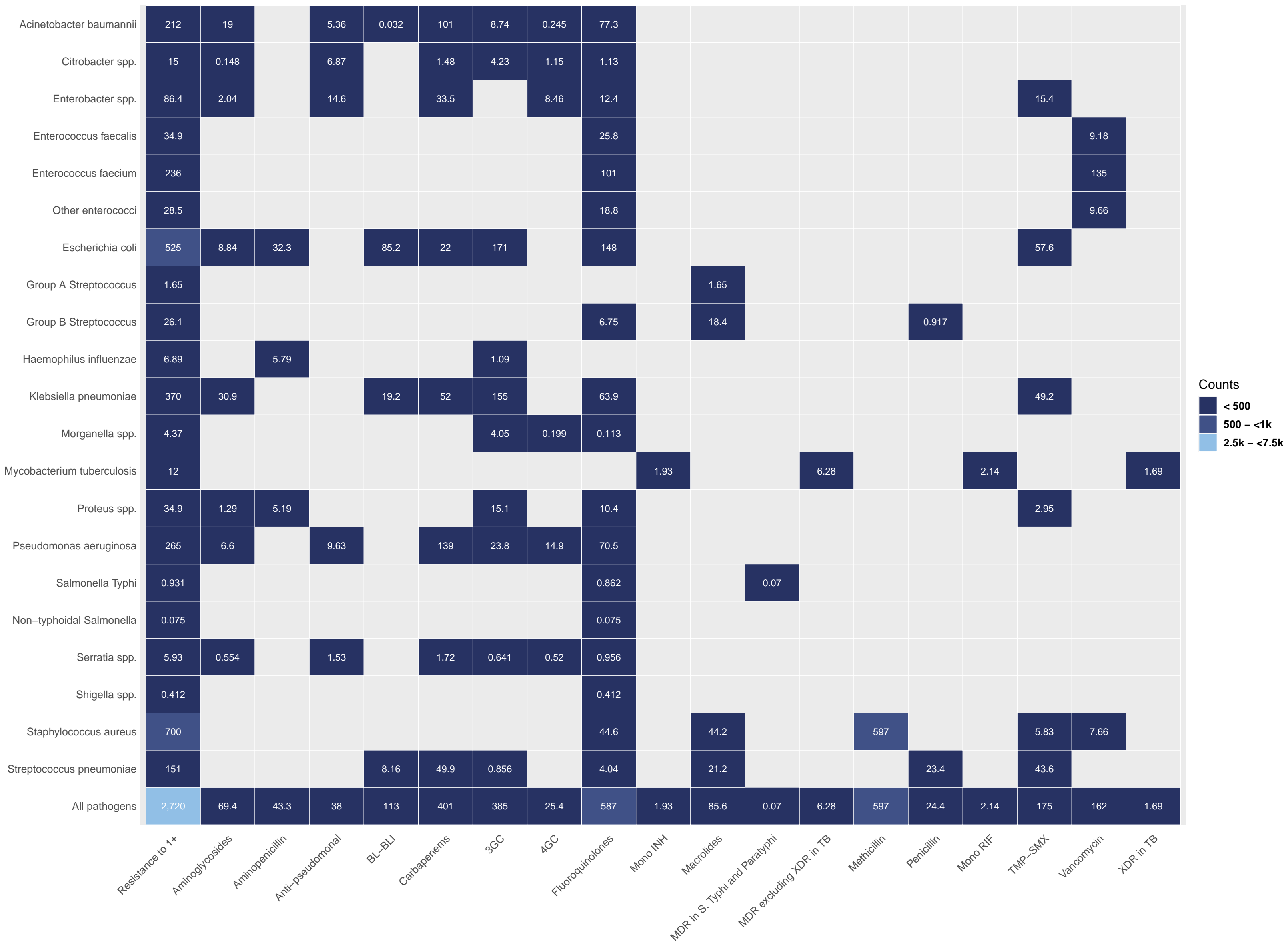
Chile

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Chile

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

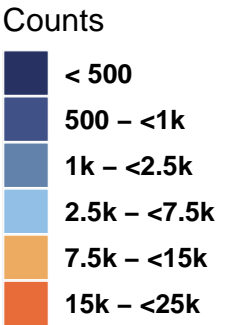
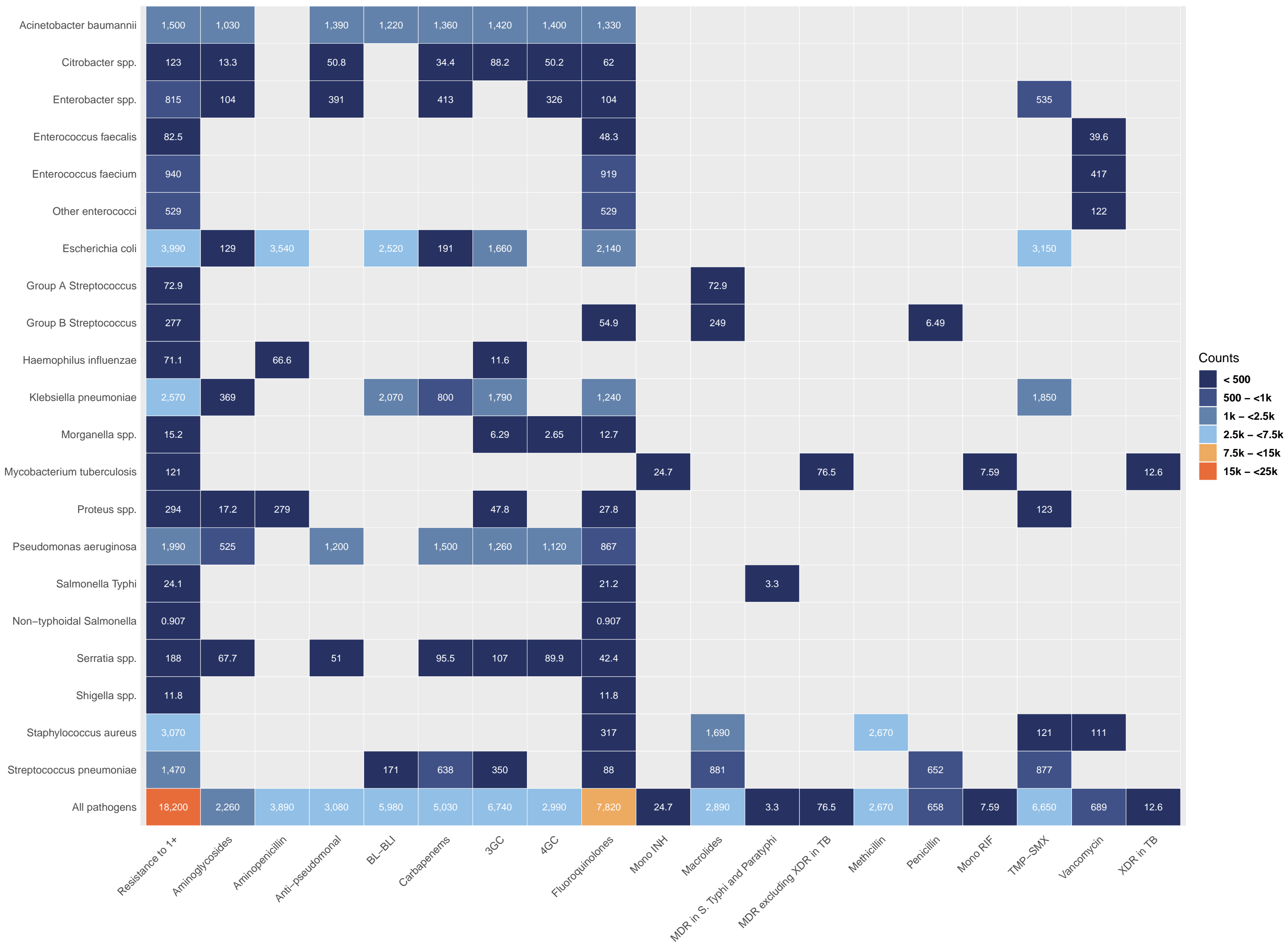


Counts

- < 500
- 500 – <1k
- 2.5k – <7.5k

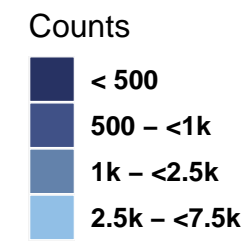
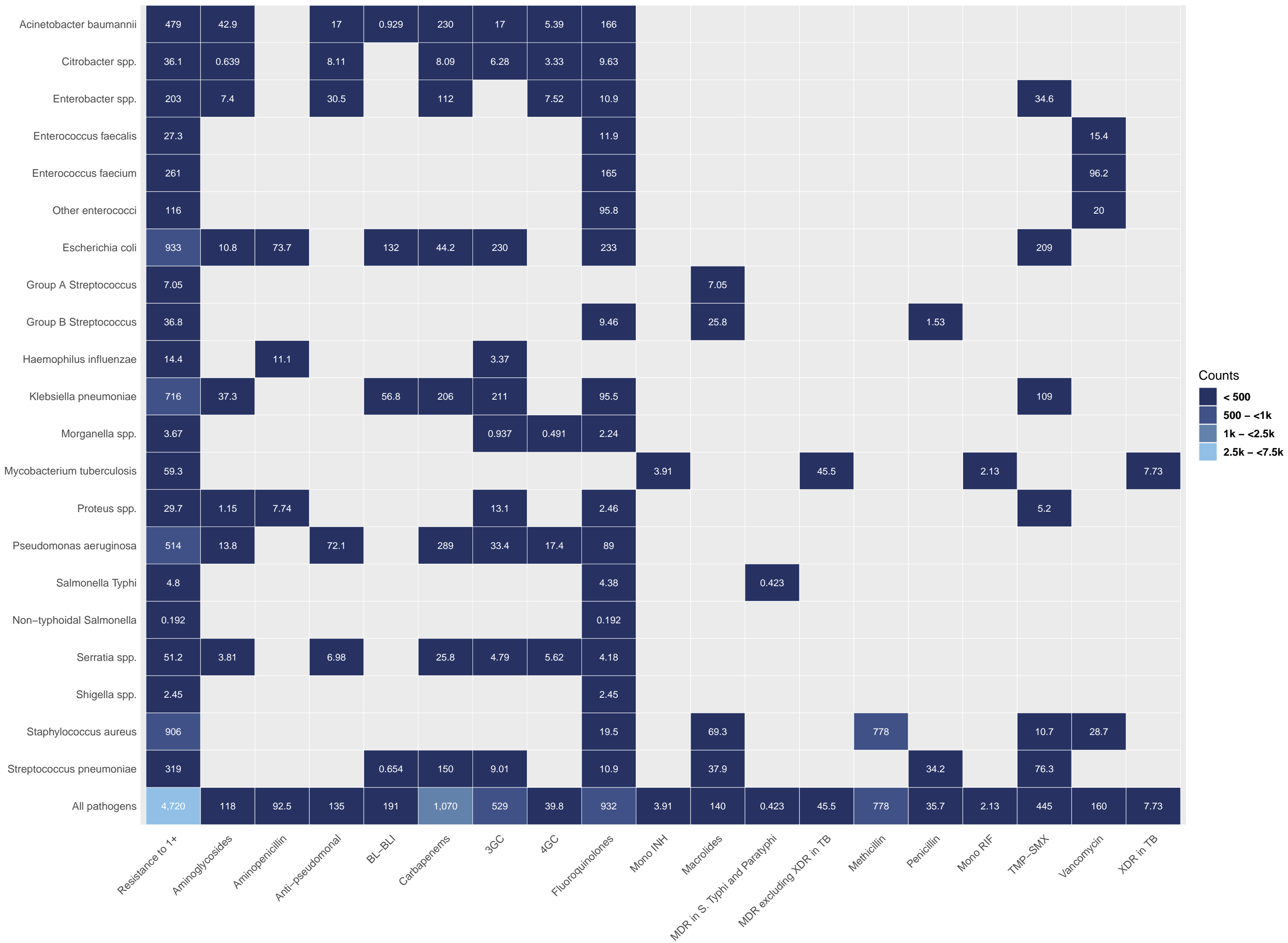
Colombia

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



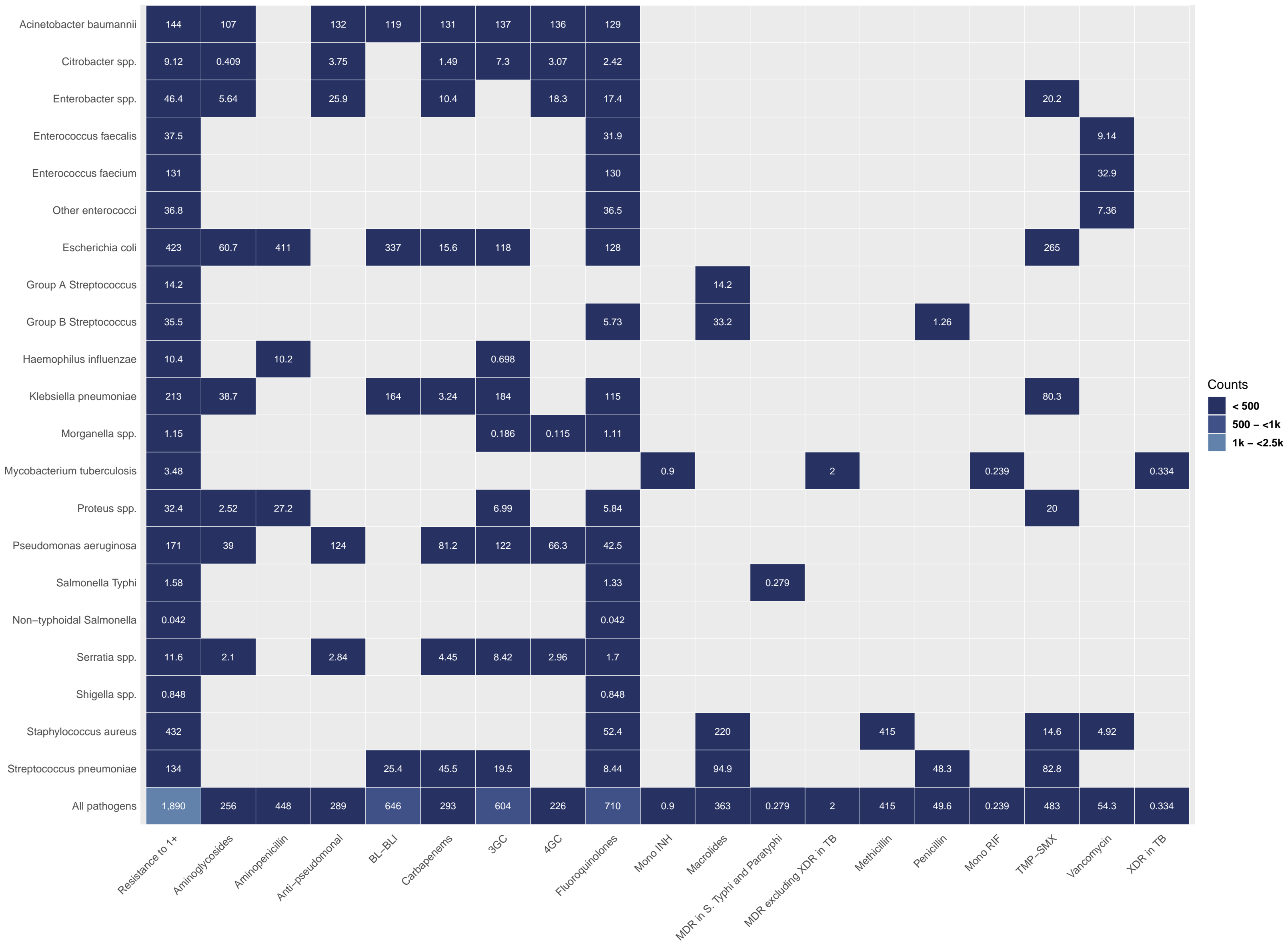
Colombia

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Costa Rica

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Counts

- < 500
- 500 – <1k
- 1k – <2.5k

Costa Rica

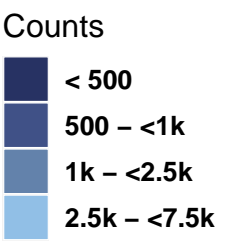
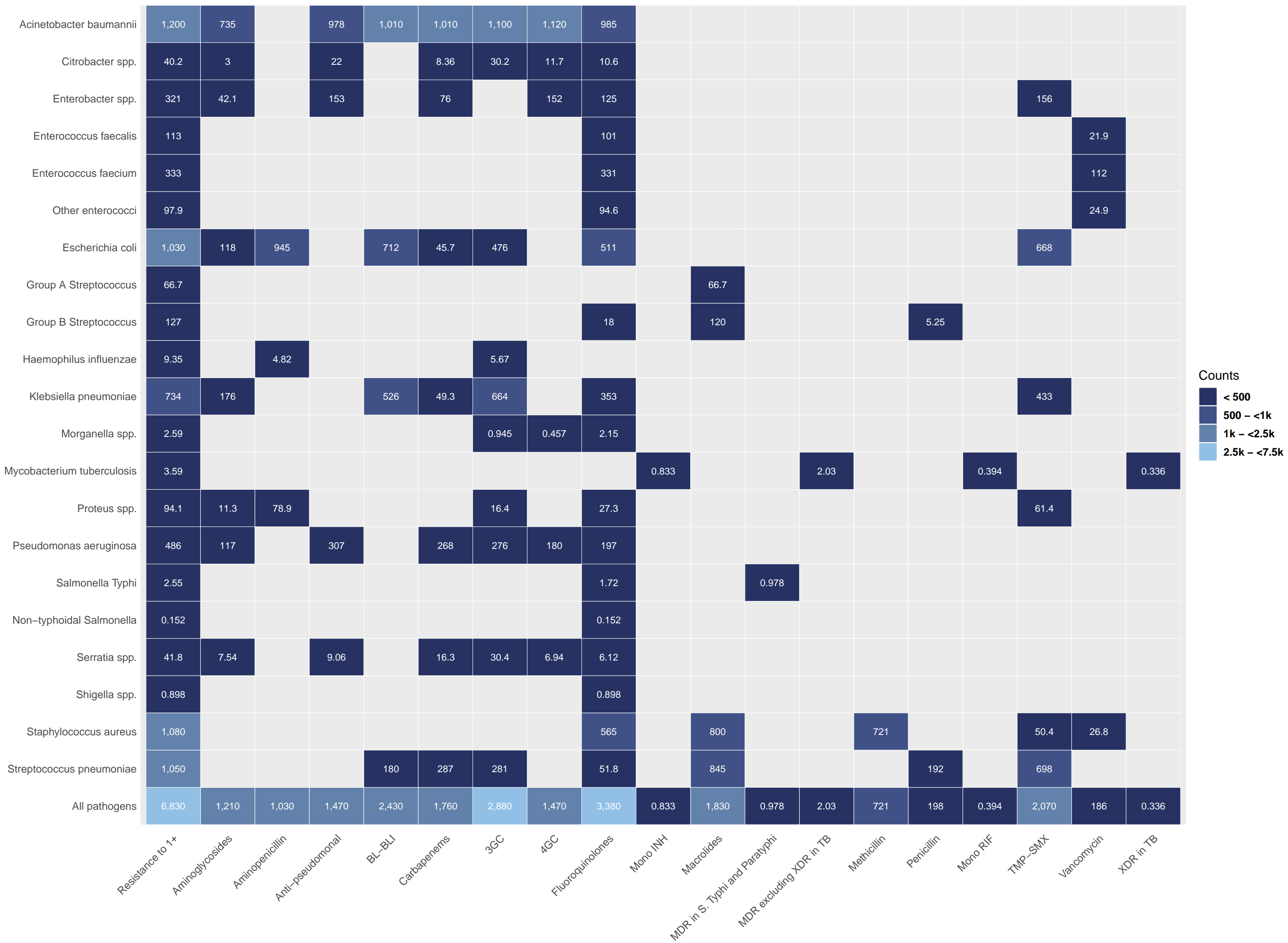
Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	46.2	4.46		1.44	0.096	22	1.58	0.704	15.9										
Citrobacter spp.	2.66	0.026		0.829		0.392	0.749	0.287	0.379										
Enterobacter spp.	10.6	0.364		3.31		2.69		0.804	2.17								1.27		
Enterococcus faecalis	11								7.81									3.16	
Enterococcus faecium	33								25.2									7.81	
Other enterococci	8.01								6.75									1.26	
Escherichia coli	91.4	4.12	8.32		26.6	3.92	17.5		13.4								17.6		
Group A Streptococcus	1.36										1.36								
Group B Streptococcus	4.6								0.944		3.41			0.249					
Haemophilus influenzae	1.99		1.77				0.214												
Klebsiella pneumoniae	56.9	3.69			3.93	1.7	34.2		9.3								4.12		
Morganella spp.	0.254						0.023	0.018	0.213										
Mycobacterium tuberculosis	1.62									0.144			1.2			0.067			0.205
Proteus spp.	3.81	0.153	0.638				1.68		0.454								0.887		
Pseudomonas aeruginosa	45.3	1.14		16.5		16.5	6.31	0.371	4.52										
Salmonella Typhi	0.306								0.27			0.035							
Non-typhoidal Salmonella	0.009								0.009										
Serratia spp.	3.23	0.124		0.558		1.26	0.894	0.21	0.181										
Shigella spp.	0.175								0.175										
Staphylococcus aureus	136								2.97		8.24		122				1.17	1.31	
Streptococcus pneumoniae	26				0.5	10.2	0.366		1.05		4.19			2.55			7.21		
All pathogens	484	14.1	10.7	22.6	31.1	58.6	63.5	2.4	91.6	0.144	17.2	0.035	1.2	122	2.8	0.067	32.3	13.5	0.205
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 < 500

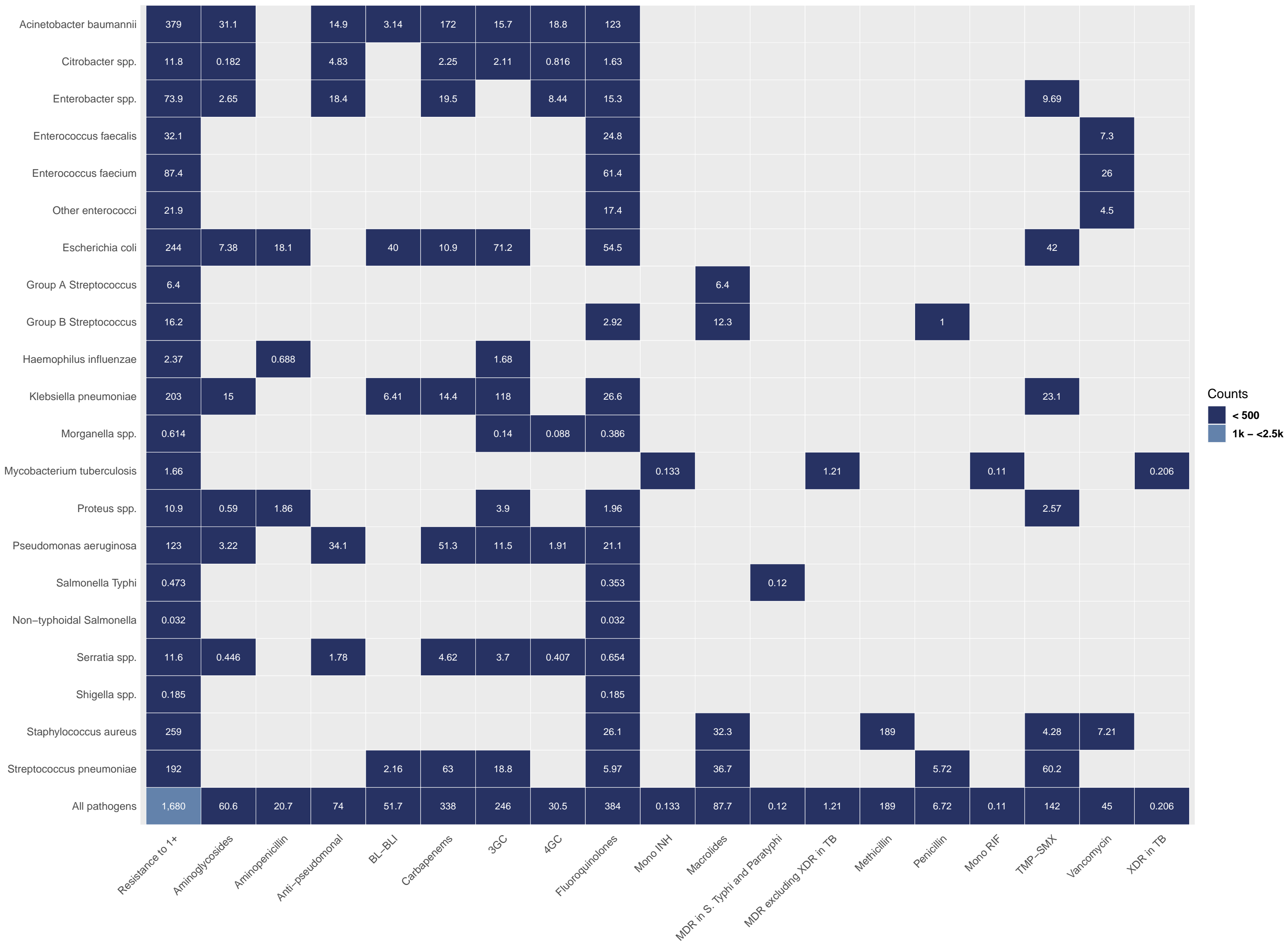
Cuba

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Cuba

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Counts
 < 500
 1k – <2.5k

Dominica

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	12	8.84		11.3	9.21	10.5	11.4	10.6	11.2										
Citrobacter spp.	0.408	0.048		0.105		0.046	0.27	0.14	0.182										
Enterobacter spp.	3.36	0.686		1.4		0.653		1.78	1.39								2.16		
Enterococcus faecalis	1.09								0.992									0.209	
Enterococcus faecium	2.26								2.24									0.755	
Other enterococci	1.9								1.9									0.136	
Escherichia coli	8.26	1.77	7.76		6.3	0.503	4.42		4.92								5.53		
Group A Streptococcus	0.456										0.456								
Group B Streptococcus	1.02								0.366		0.8			0.058					
Haemophilus influenzae	0.091		0.058				0.046												
Klebsiella pneumoniae	7.82	3.27			6.92	0.687	5.52		4.87								6.43		
Morganella spp.	0.044						0.008	0.009	0.041										
Mycobacterium tuberculosis	0.058									0.008			0.038			0.005			0.006
Proteus spp.	1.33	0.101	1.28				0.28		0.527								0.695		
Pseudomonas aeruginosa	5.26	1.92		2.58		3.84	2.93	2.05	2.75										
Salmonella Typhi	0.111								0.091			0.023							
Non-typhoidal Salmonella	0.014								0.014										
Serratia spp.	0.686	0.216		0.209		0.155	0.477	0.287	0.169										
Shigella spp.	0.002								0.002										
Staphylococcus aureus	8.23								2.76		5.66		7.13				1.27	0.086	
Streptococcus pneumoniae	5.86				1.19	1.73	0.811		0.397		3.49			1.51			4.69		
All pathogens	60.3	16.9	9.1	15.6	23.6	18.1	26.2	14.9	34.8	0.008	10.4	0.023	0.038	7.13	1.57	0.005	20.8	1.19	0.006
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 < 500

Dominica

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

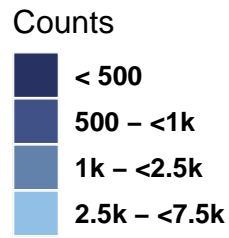
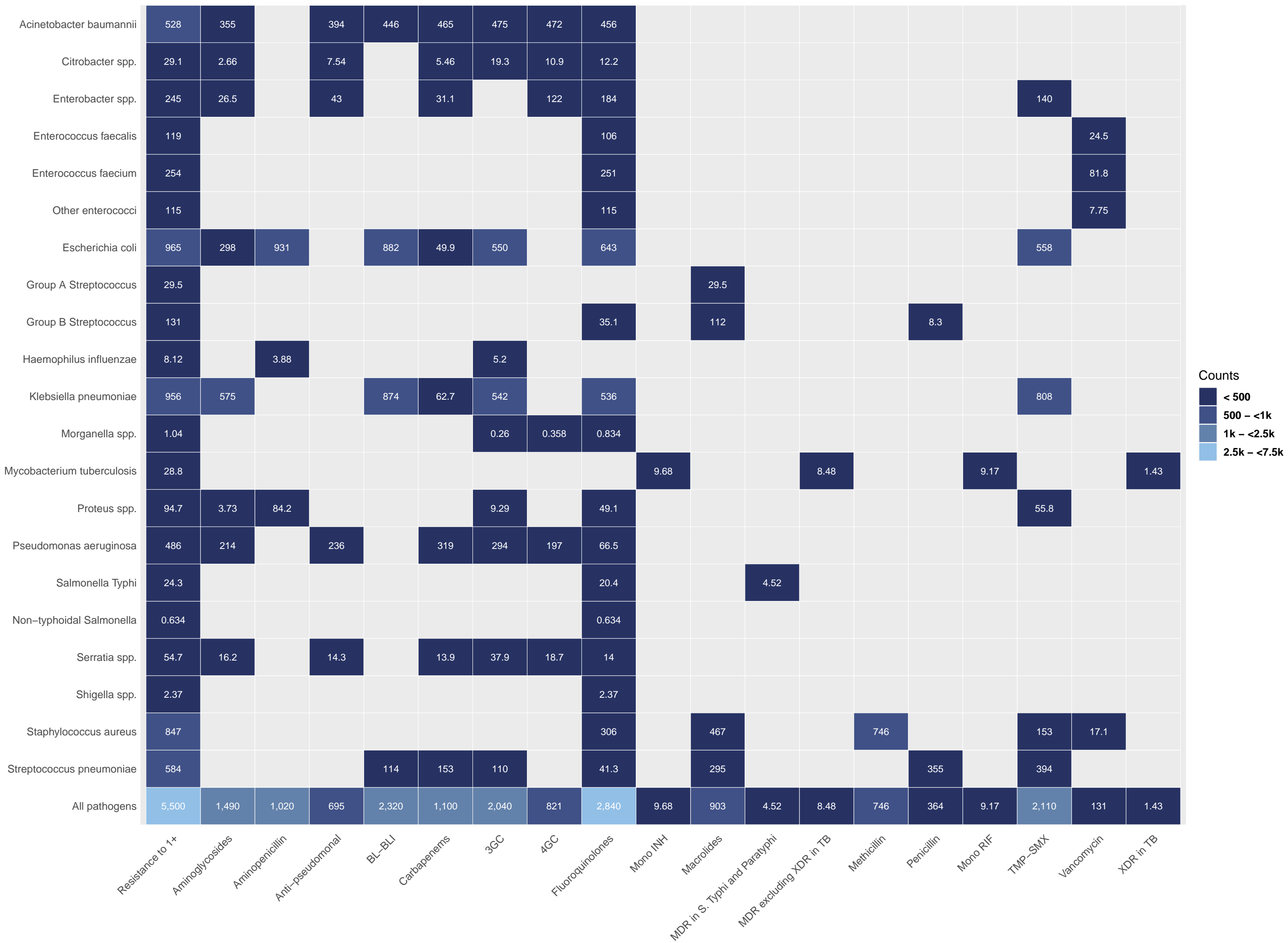
Acinetobacter baumannii	3.84	0.367		0.194	0.004	1.71	0.163	0.014	1.4										
Citrobacter spp.	0.115	0.003		0.022		0.011	0.031	0.016	0.031										
Enterobacter spp.	0.745	0.041		0.154		0.152		0.11	0.157								0.131		
Enterococcus faecalis	0.309								0.242									0.067	
Enterococcus faecium	0.593								0.418									0.175	
Other enterococci	0.393								0.368									0.024	
Escherichia coli	2.06	0.104	0.101		0.291	0.11	0.614		0.515								0.321		
Group A Streptococcus	0.044										0.044								
Group B Streptococcus	0.155								0.065		0.079			0.011					
Haemophilus influenzae	0.022		0.008				0.014												
Klebsiella pneumoniae	1.99	0.243			0.19	0.175	0.731		0.324								0.324		
Morganella spp.	0.01						0.0009	0.001	0.008										
Mycobacterium tuberculosis	0.029									0.001			0.023			0.002			0.004
Proteus spp.	0.164	0.006	0.03				0.065		0.038								0.026		
Pseudomonas aeruginosa	1.31	0.05		0.129		0.7	0.119	0.026	0.285										
Salmonella Typhi	0.022								0.019			0.003							
Non-typhoidal Salmonella	0.003								0.003										
Serratia spp.	0.177	0.013		0.042		0.041	0.037	0.026	0.018										
Shigella spp.	0.0004								0.0004										
Staphylococcus aureus	2.39								0.122		0.208		1.93				0.105	0.021	
Streptococcus pneumoniae	1.09				0.028	0.368	0.018		0.048		0.145			0.06			0.429		
All pathogens	15.5	0.826	0.139	0.541	0.513	3.26	1.79	0.194	4.06	0.001	0.476	0.003	0.023	1.93	0.071	0.002	1.34	0.288	0.004
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

< 500

Dominican Republic

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Dominican Republic

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	167	14.8		1.56	2.01	78.1	8.86	5.09	56.2										
Citrobacter spp.	8.34	0.145		1.5		1.38	2.15	1.11	2.06										
Enterobacter spp.	55.8	1.71		3.4		6.45		10.1	26.3								7.87		
Enterococcus faecalis	33.9								25.9									7.98	
Enterococcus faecium	66.3								47.3									19	
Other enterococci	23.6								22.2									1.38	
Escherichia coli	244	17.8	4.88		39.6	10.6	74		67.3									29.9	
Group A Streptococcus	2.84										2.84								
Group B Streptococcus	18.8								6.04		11.2				1.51				
Haemophilus influenzae	2.09		0.542				1.55												
Klebsiella pneumoniae	229	41.6			32.9	16.8	65.6		33.2									38.8	
Morganella spp.	0.241						0.025	0.065	0.151										
Mycobacterium tuberculosis	10.1									1.55			5.05			2.58			0.873
Proteus spp.	10.6	0.236	2.11				2.32		3.78									2.1	
Pseudomonas aeruginosa	120	6.68		17.9		67.6	15.9	4.08	7.43										
Salmonella Typhi	4.71								4.14			0.565							
Non-typhoidal Salmonella	0.132								0.132										
Serratia spp.	14.2	0.963		2.84		3.77	3.45	1.63	1.53										
Shigella spp.	0.49								0.49										
Staphylococcus aureus	252								13.7		17.2			203				13.3	4.11
Streptococcus pneumoniae	123				2.74	34.5	6.37		5		11.7				29.1			34	
All pathogens	1,390	83.9	7.54	27.2	77.2	219	180	22	323	1.55	42.9	0.565	5.05	203	30.6	2.58	126	32.5	0.873
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

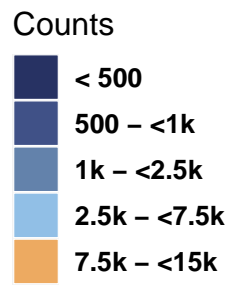
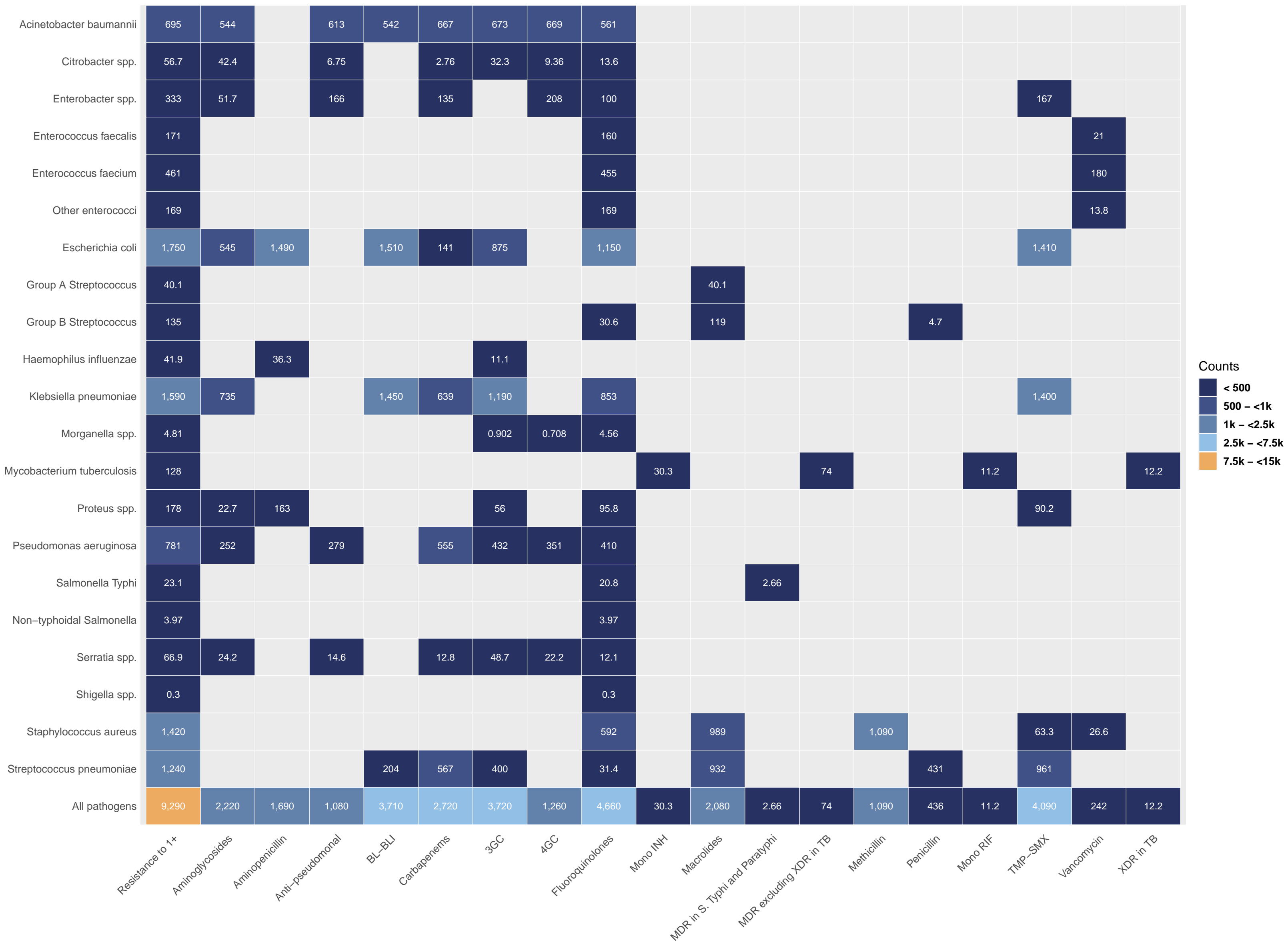
Counts

< 500

1k – <2.5k

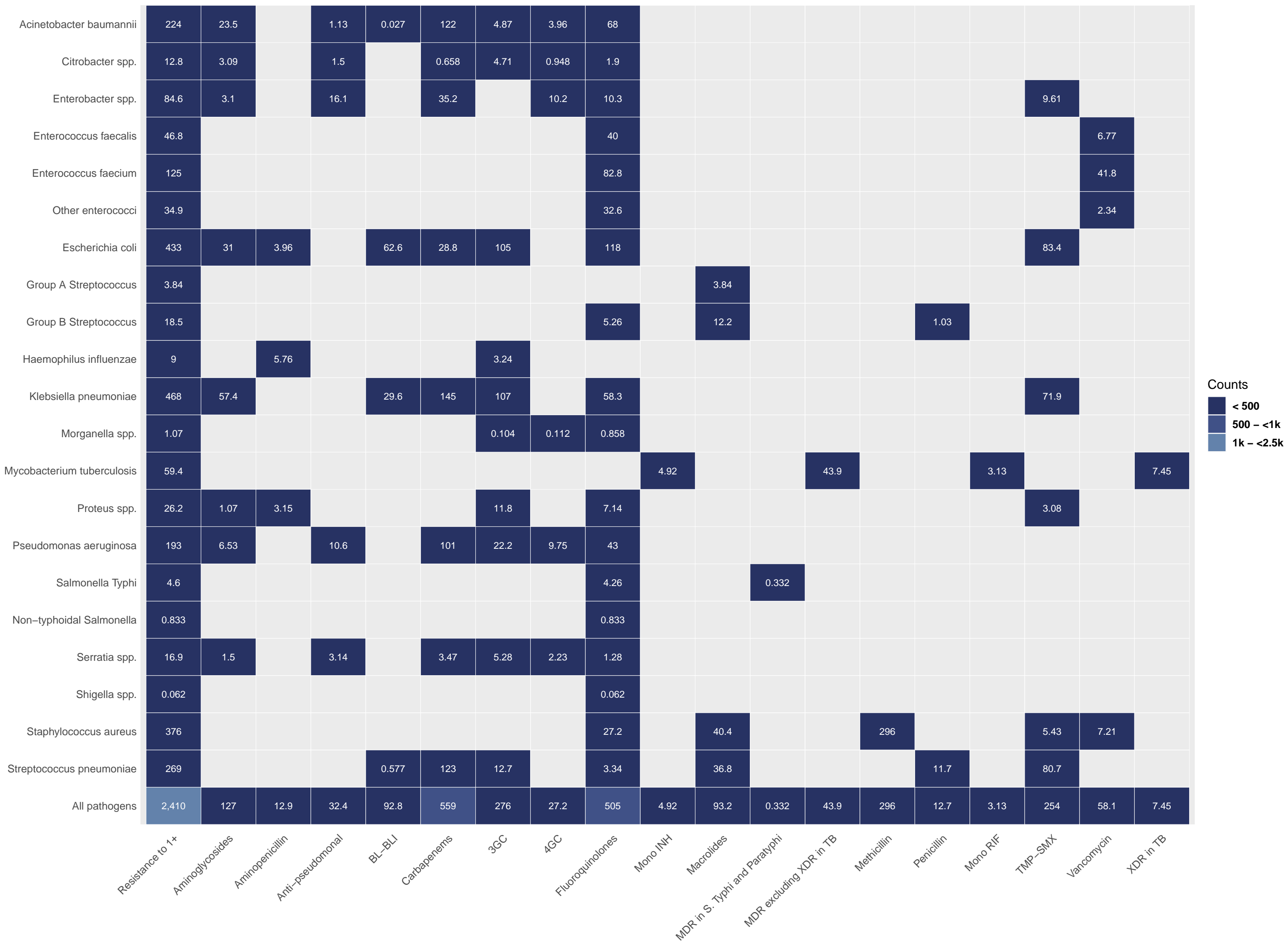
Ecuador

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Ecuador

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

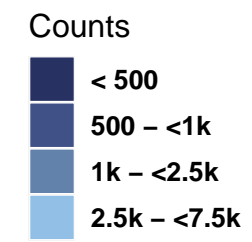
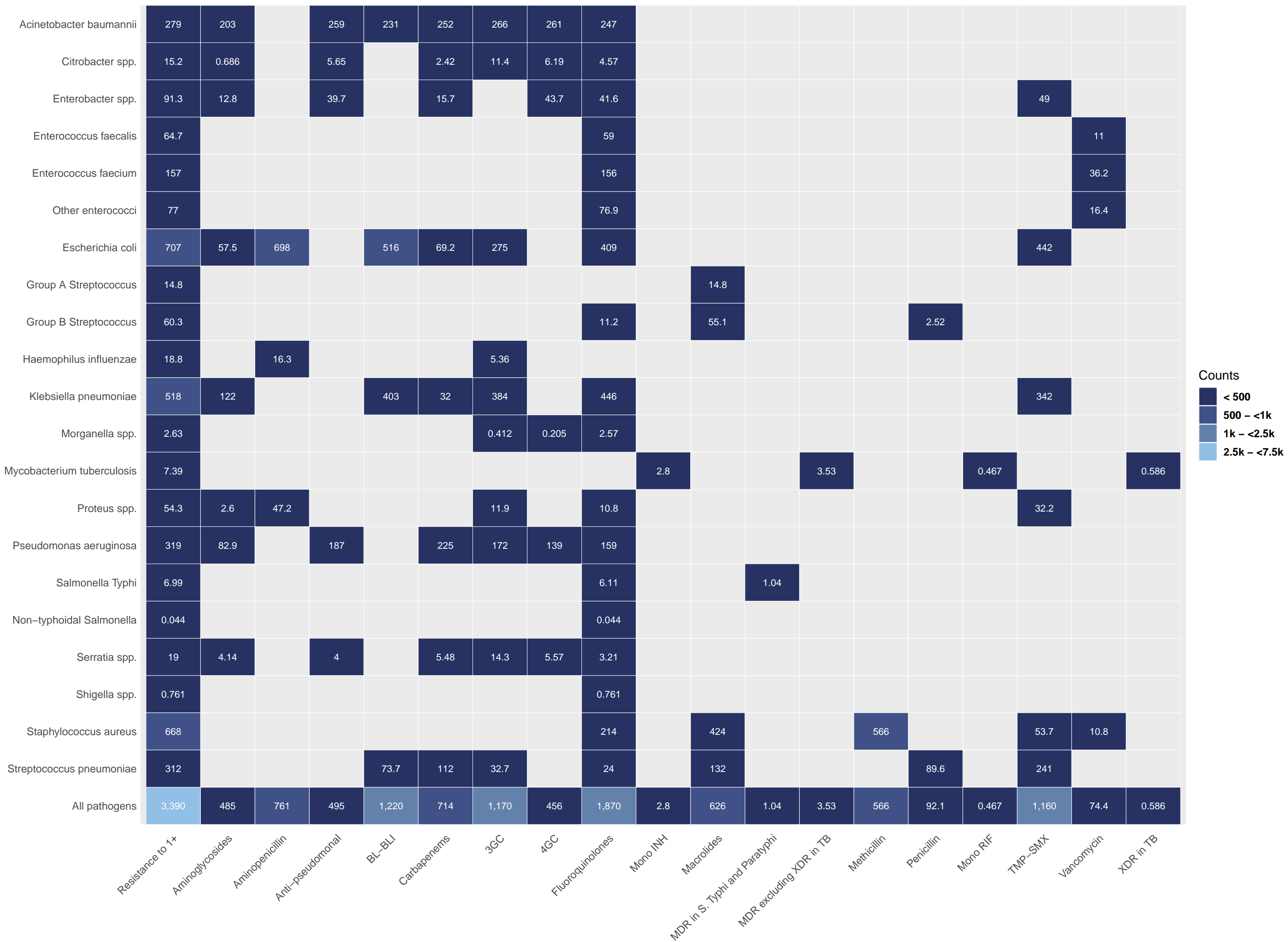


Counts

- < 500
- 500 – <1k
- 1k – <2.5k

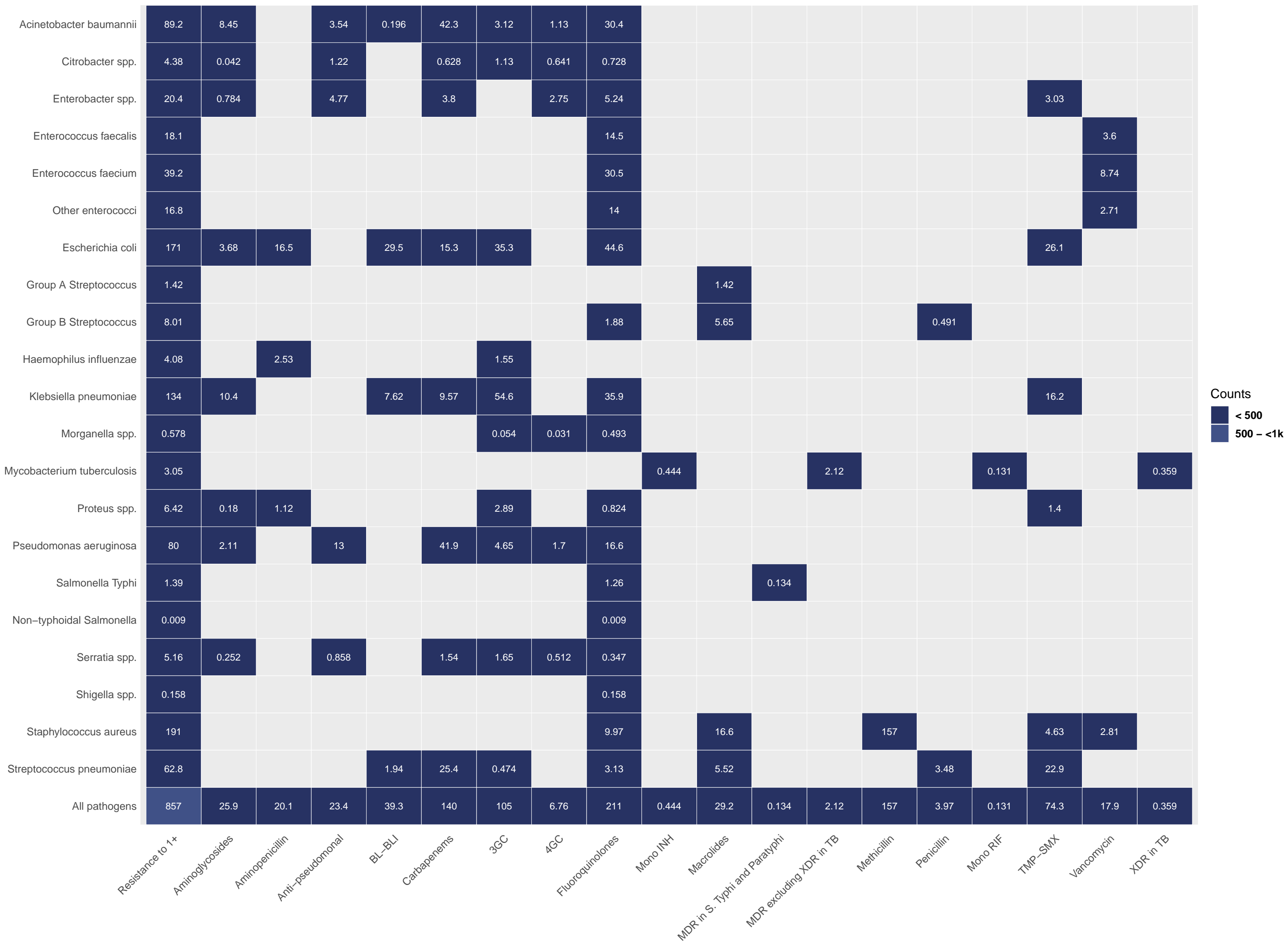
El Salvador

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



El Salvador

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Grenada

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

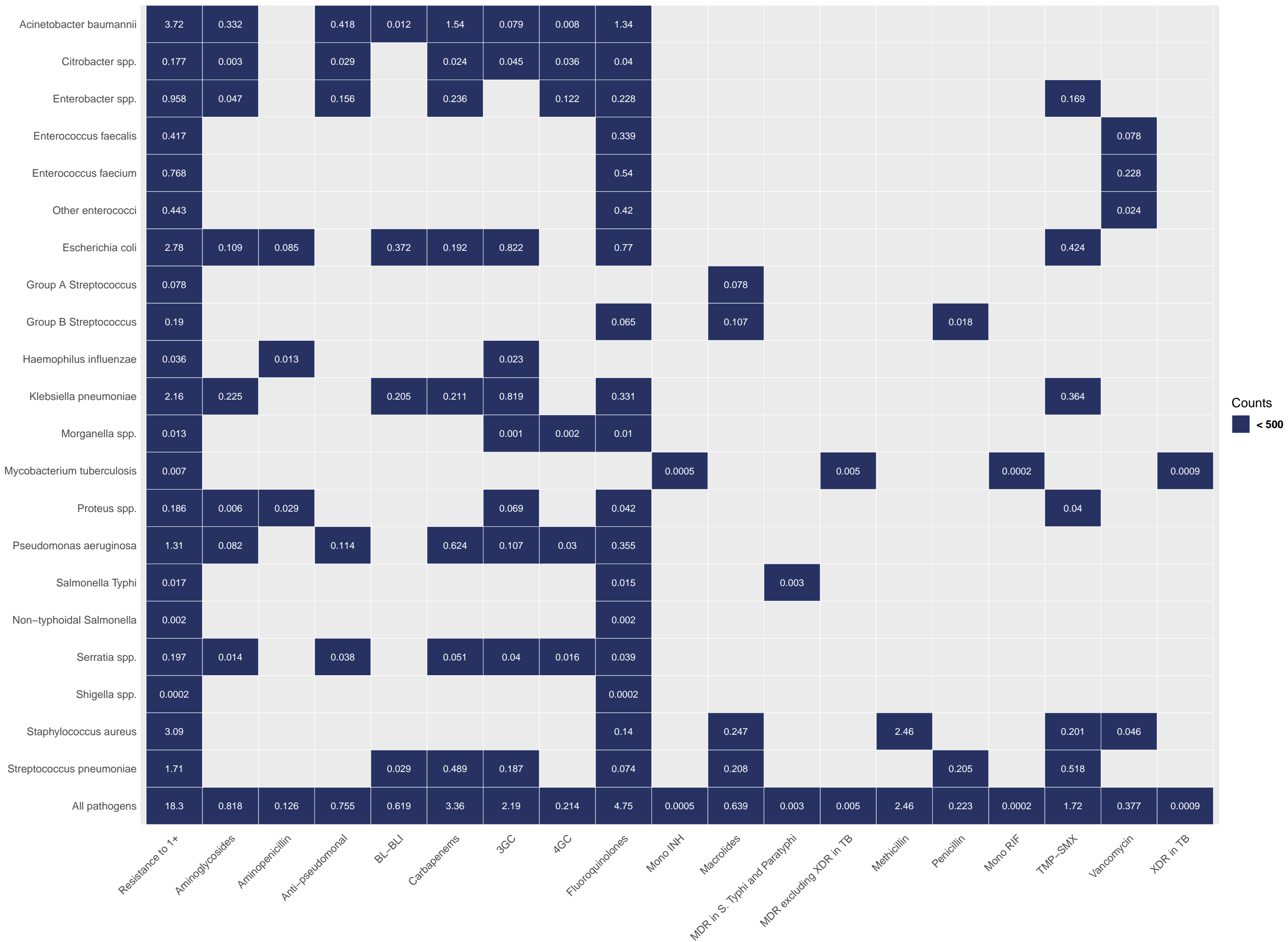
Acinetobacter baumannii	11.9	7.84		11.3	9.12	9.45	9.55	9.91	10.6										
Citrobacter spp.	0.623	0.058		0.146		0.098	0.431	0.301	0.251										
Enterobacter spp.	4.22	0.794		1.6		1.02		2.18	1.96								2.81		
Enterococcus faecalis	1.49								1.38									0.248	
Enterococcus faecium	2.93								2.91									0.988	
Other enterococci	2.16								2.16									0.132	
Escherichia coli	10.9	1.87	10		8.76	0.898	6.1		7.12									7.38	
Group A Streptococcus	0.812										0.812								
Group B Streptococcus	1.3								0.376		1.08			0.098					
Haemophilus influenzae	0.147		0.088				0.079												
Klebsiella pneumoniae	8.52	2.9			7.1	0.802	5.89		4.81									6.75	
Morganella spp.	0.058						0.011	0.011	0.054										
Mycobacterium tuberculosis	0.014									0.003			0.009			0.0008			0.002
Proteus spp.	1.49	0.107	1.31				0.305		0.589									1.01	
Pseudomonas aeruginosa	5.76	3.07		2.21		3.67	2.49	1.86	3.33										
Salmonella Typhi	0.091								0.072			0.023							
Non-typhoidal Salmonella	0.011								0.011										
Serratia spp.	0.79	0.241		0.21		0.199	0.491	0.228	0.342										
Shigella spp.	0.001								0.001										
Staphylococcus aureus	10.6								3.13		6.82		9.14					2.38	0.195
Streptococcus pneumoniae	8.34				1.74	2.27	2.45		0.641		5.13			3.66				6	
All pathogens	72.1	16.9	11.4	15.5	26.7	18.4	27.8	14.5	39.7	0.003	13.8	0.023	0.009	9.14	3.76	0.0008	26.3	1.56	0.002
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

< 500

Grenada

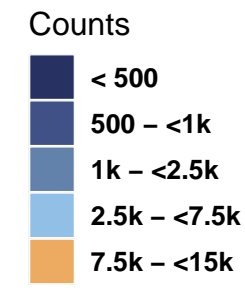
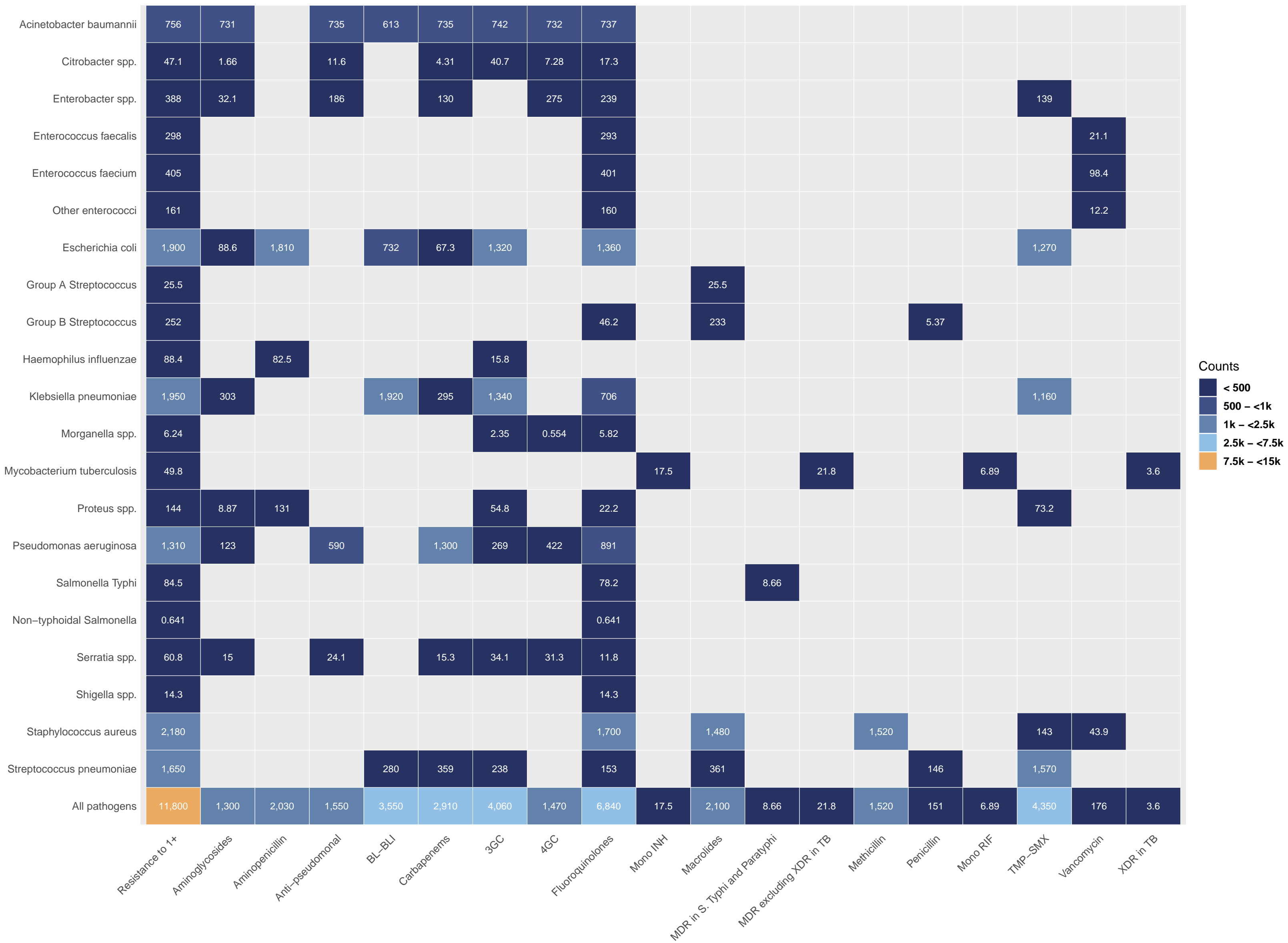
Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Counts
 < 500

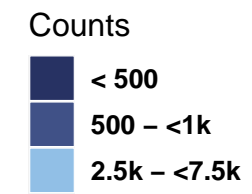
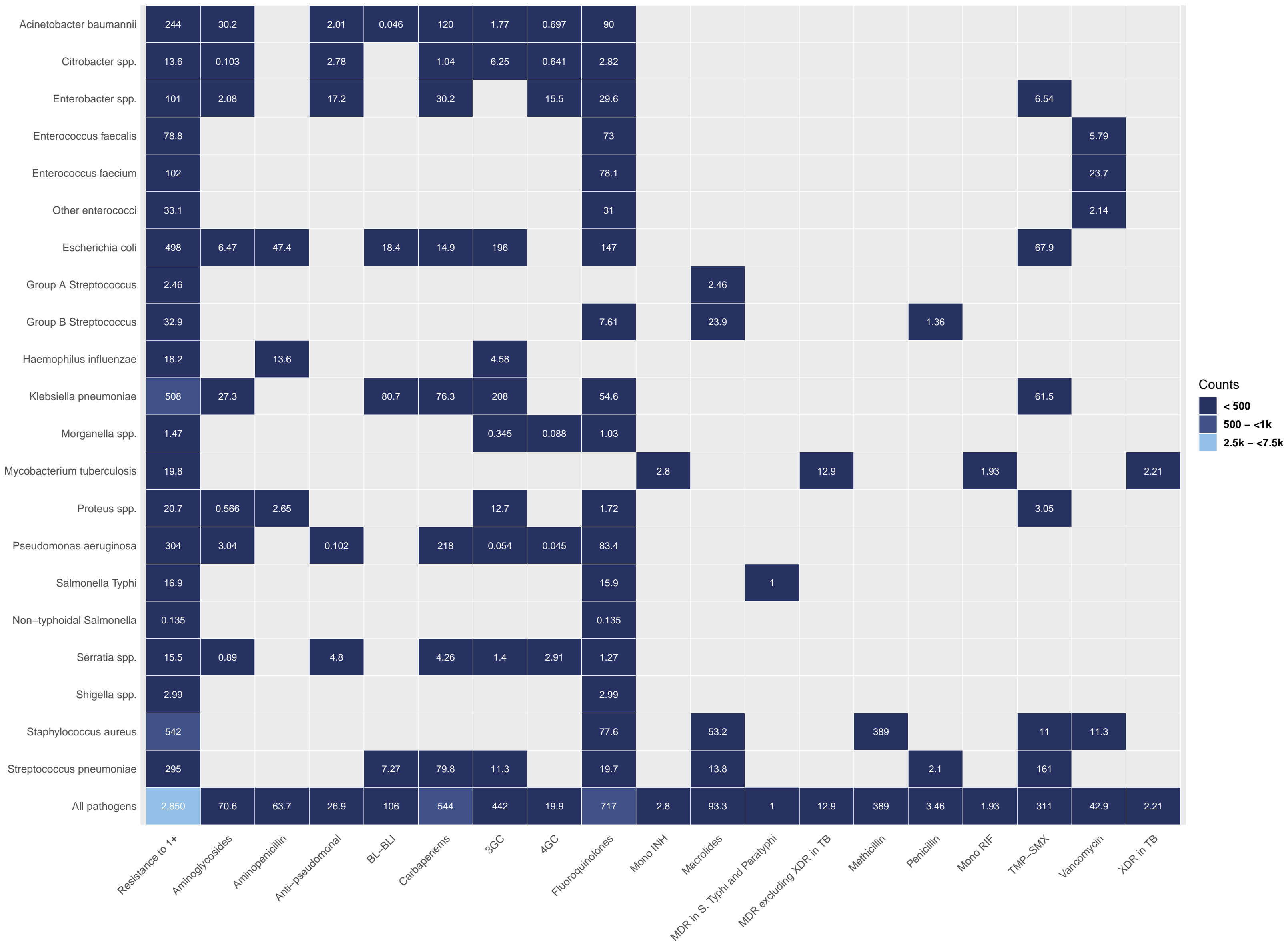
Guatemala

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



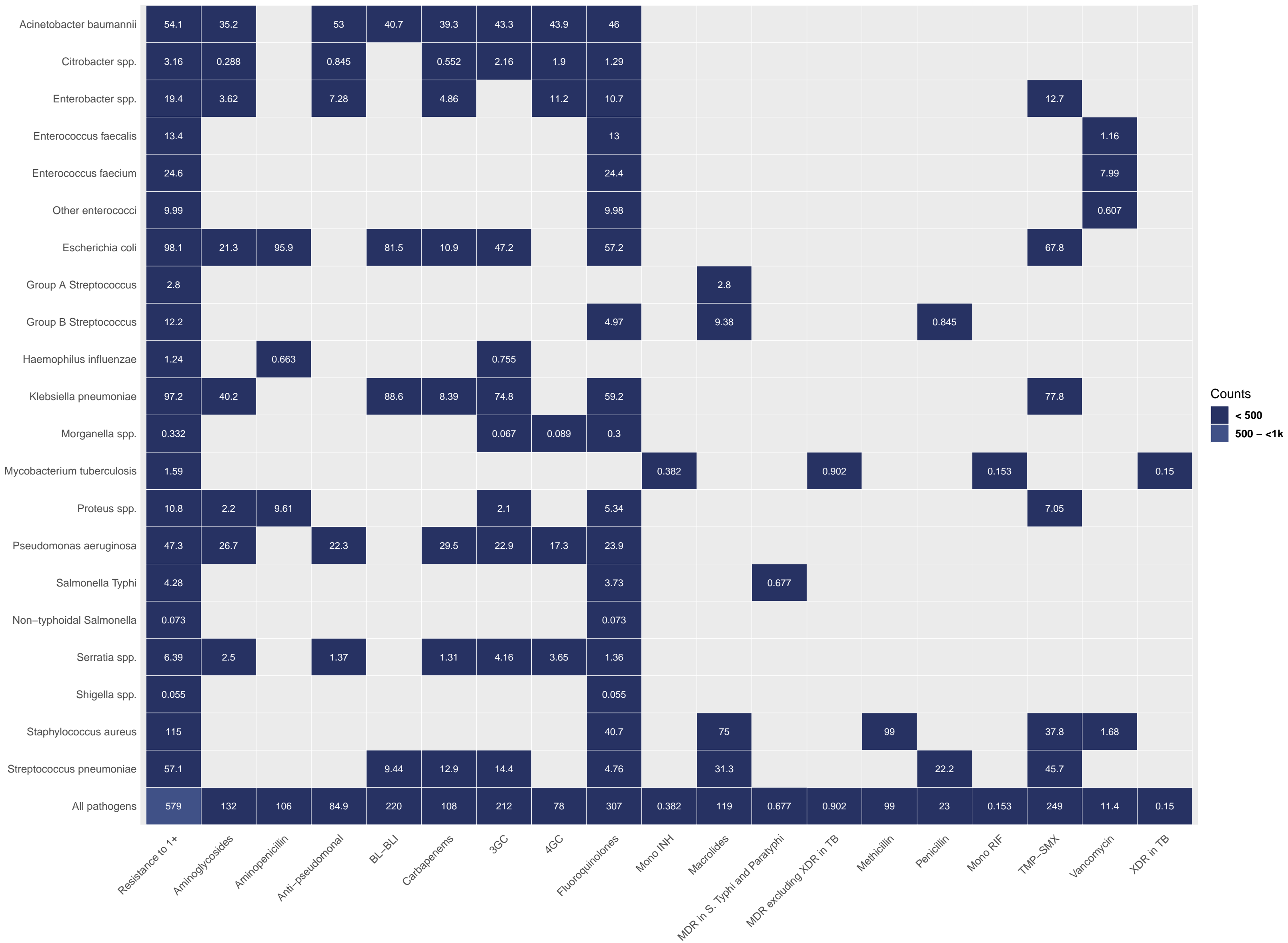
Guatemala

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Guyana

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Guyana

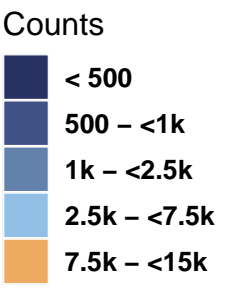
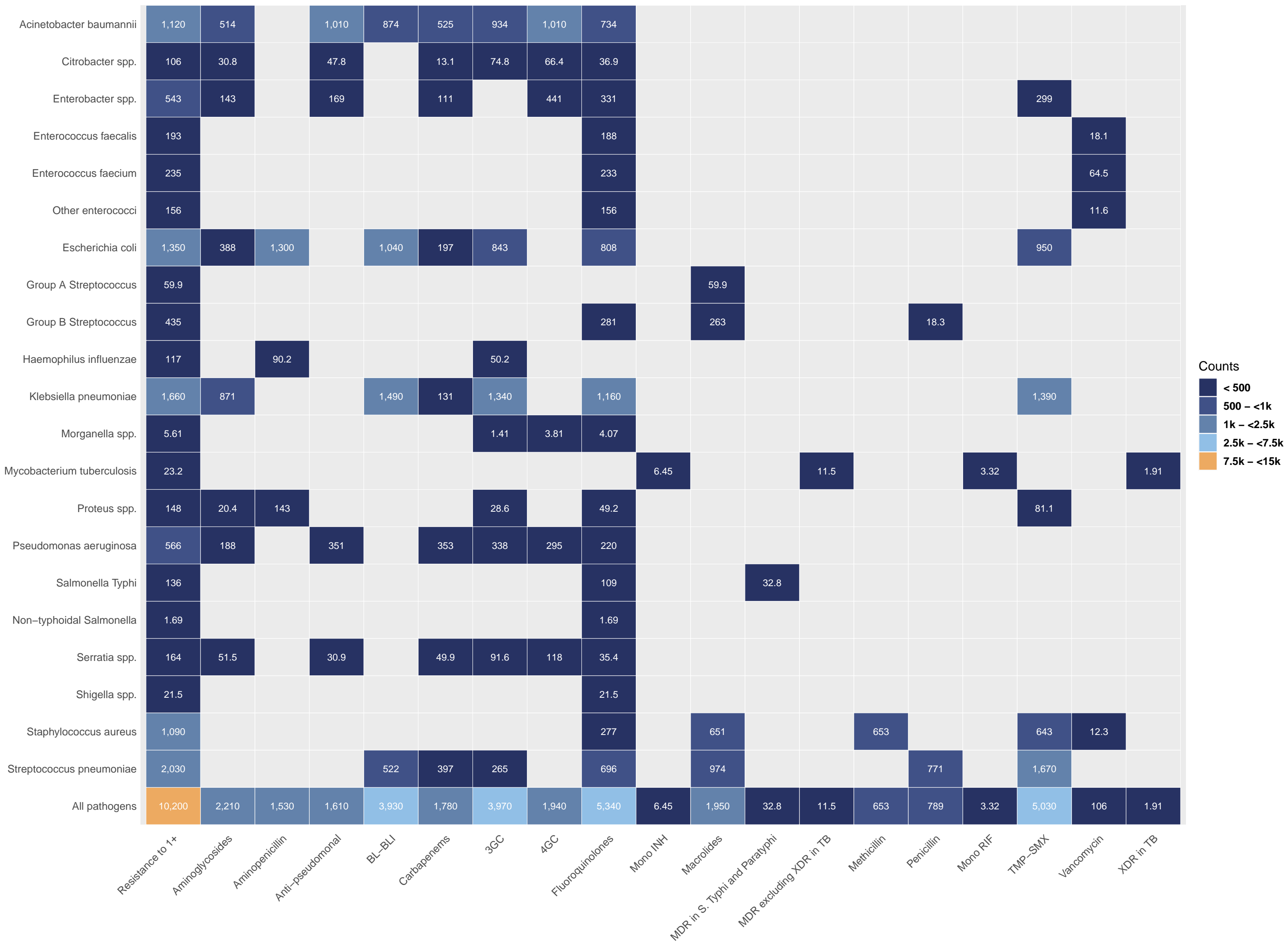
Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	16.8	1.51		2.95	0.016	6.36	0.153	0.009	5.83										
Citrobacter spp.	0.898	0.014		0.156		0.13	0.178	0.224	0.195										
Enterobacter spp.	4.56	0.205		0.651		1.07		0.646	1.27								0.72		
Enterococcus faecalis	3.59								3.24									0.345	
Enterococcus faecium	6.43								4.58									1.85	
Other enterococci	2.05								1.94									0.109	
Escherichia coli	24.5	1.27	1.13		3.98	2.33	5.99		5.87									3.92	
Group A Streptococcus	0.27										0.27								
Group B Streptococcus	1.92								0.868		0.898			0.15					
Haemophilus influenzae	0.315		0.092				0.223												
Klebsiella pneumoniae	25.5	3.01			2.1	2.14	10.4		3.97									3.82	
Morganella spp.	0.075						0.006	0.014	0.055										
Mycobacterium tuberculosis	0.732									0.061			0.537			0.043			0.092
Proteus spp.	1.39	0.098	0.206				0.453		0.374									0.255	
Pseudomonas aeruginosa	11	0.732		1.46		5.18	0.872	0.265	2.48										
Salmonella Typhi	0.839								0.755			0.084							
Non-typhoidal Salmonella	0.015								0.015										
Serratia spp.	1.61	0.145		0.265		0.342	0.31	0.405	0.138										
Shigella spp.	0.011								0.011										
Staphylococcus aureus	33.6								1.7		2.57		25.8					3.15	0.365
Streptococcus pneumoniae	11.2				0.155	2.74	1.12		0.564		1.24			1.27				4.11	
All pathogens	147	6.99	1.43	5.49	6.25	20.3	19.7	1.56	33.8	0.061	4.98	0.084	0.537	25.8	1.42	0.043	16	2.67	0.092
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 < 500

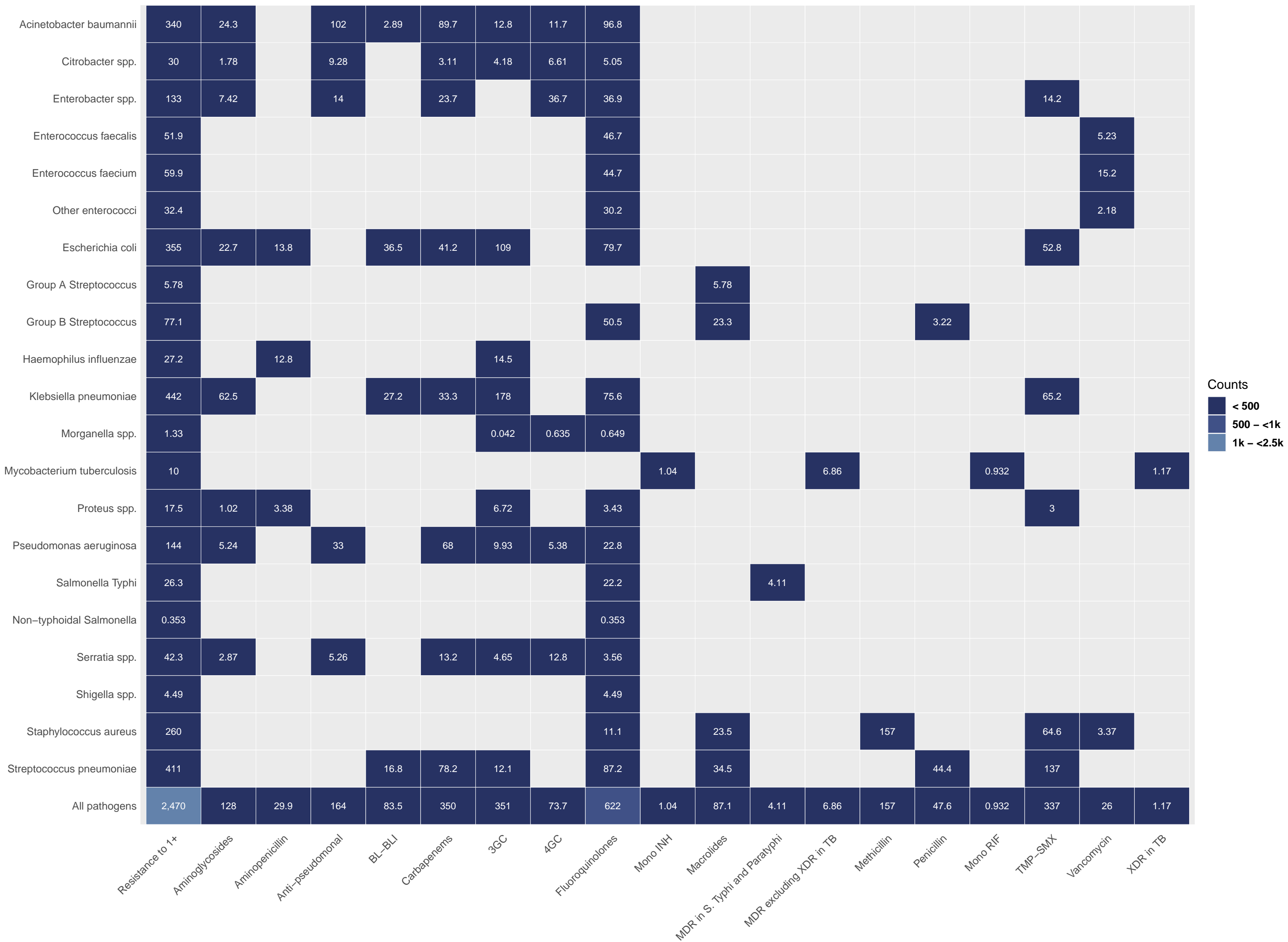
Haiti

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Haiti

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

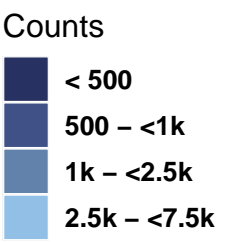
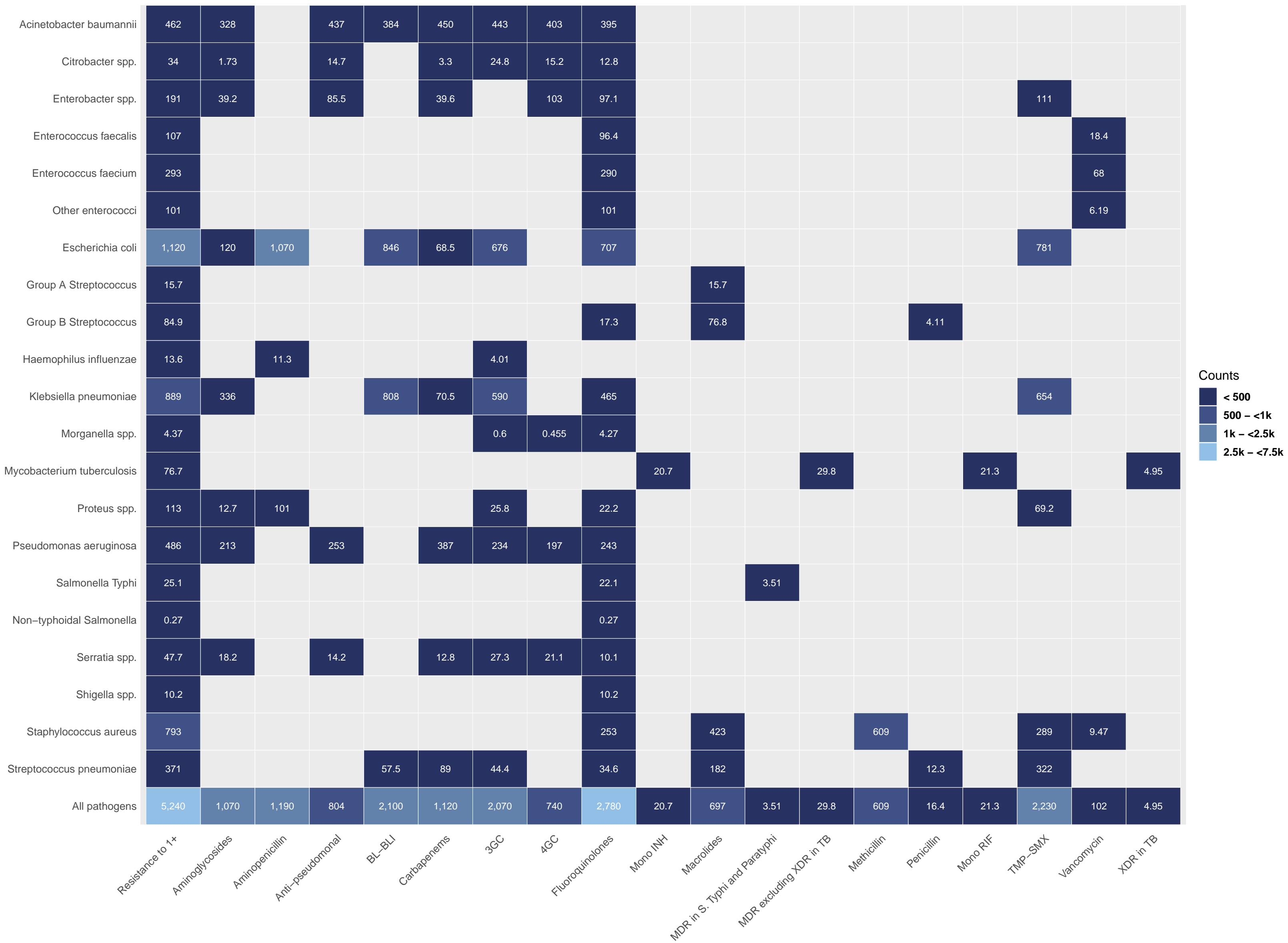


Counts

- < 500
- 500 – <1k
- 1k – <2.5k

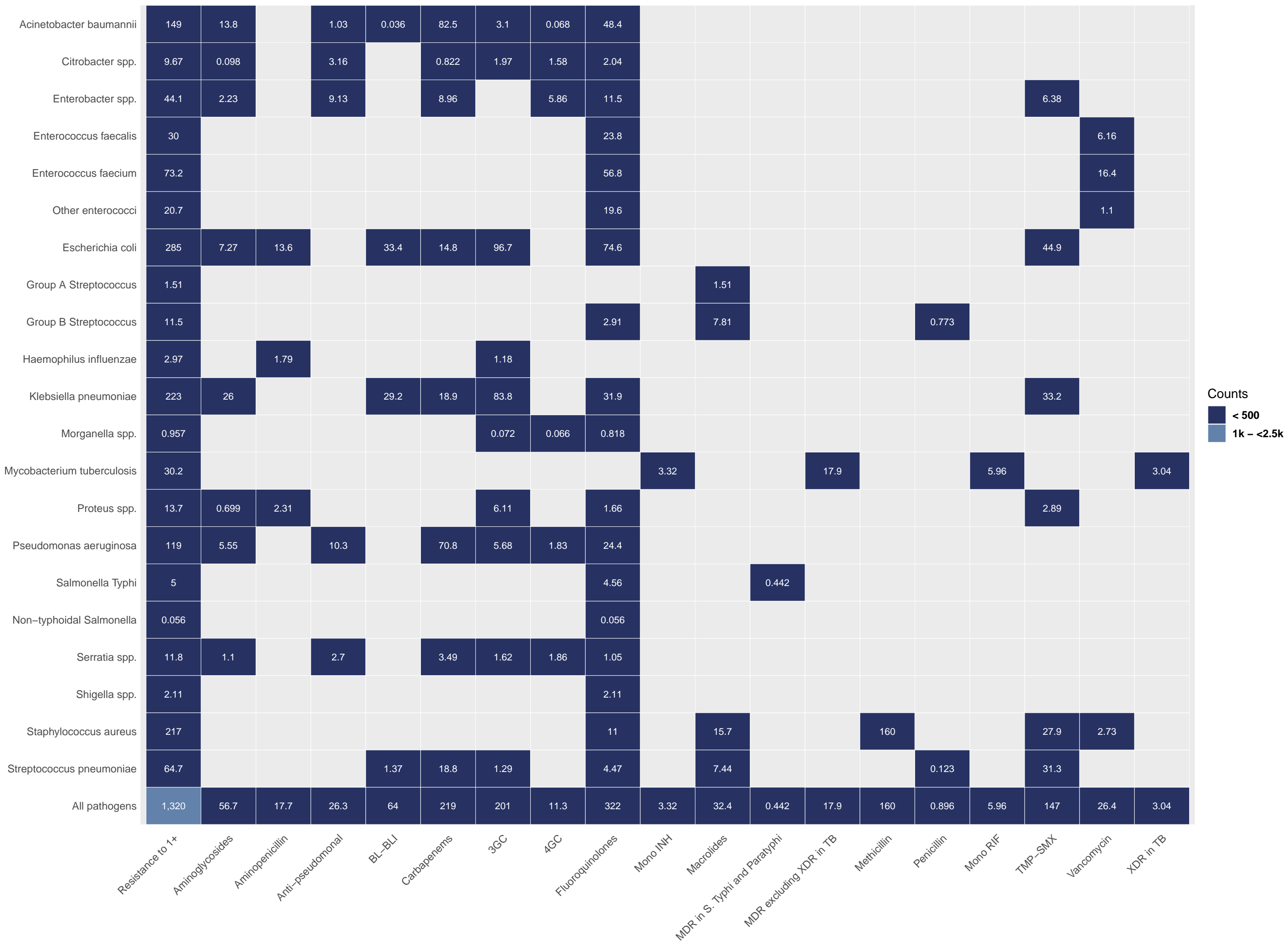
Honduras

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Honduras

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

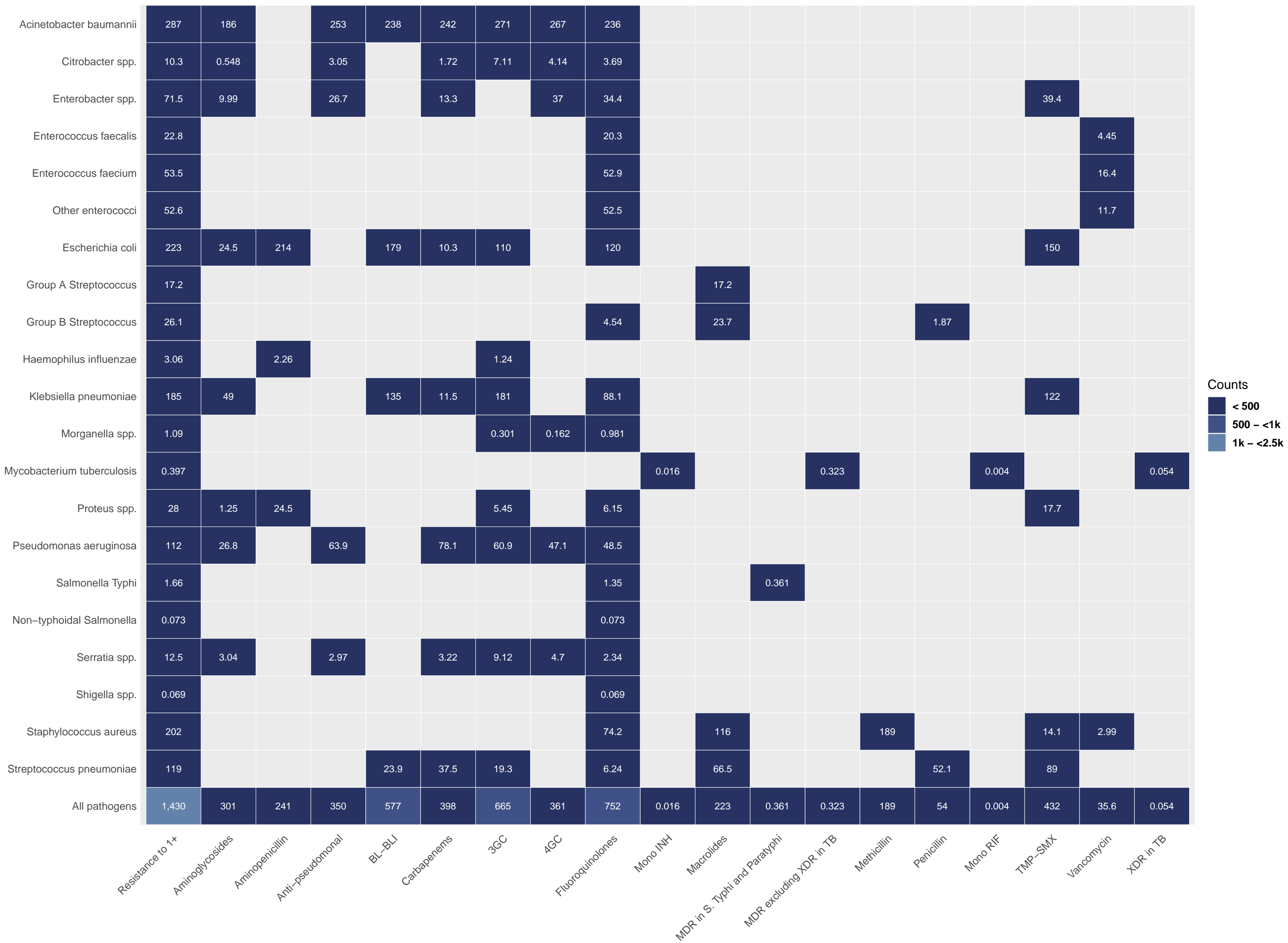


Counts

- < 500
- 1k – <2.5k

Jamaica

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Counts

- < 500
- 500 – <1k
- 1k – <2.5k

Jamaica

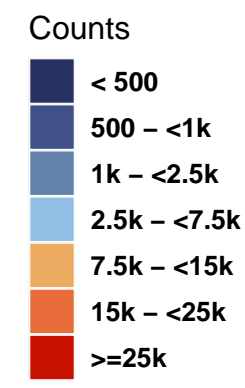
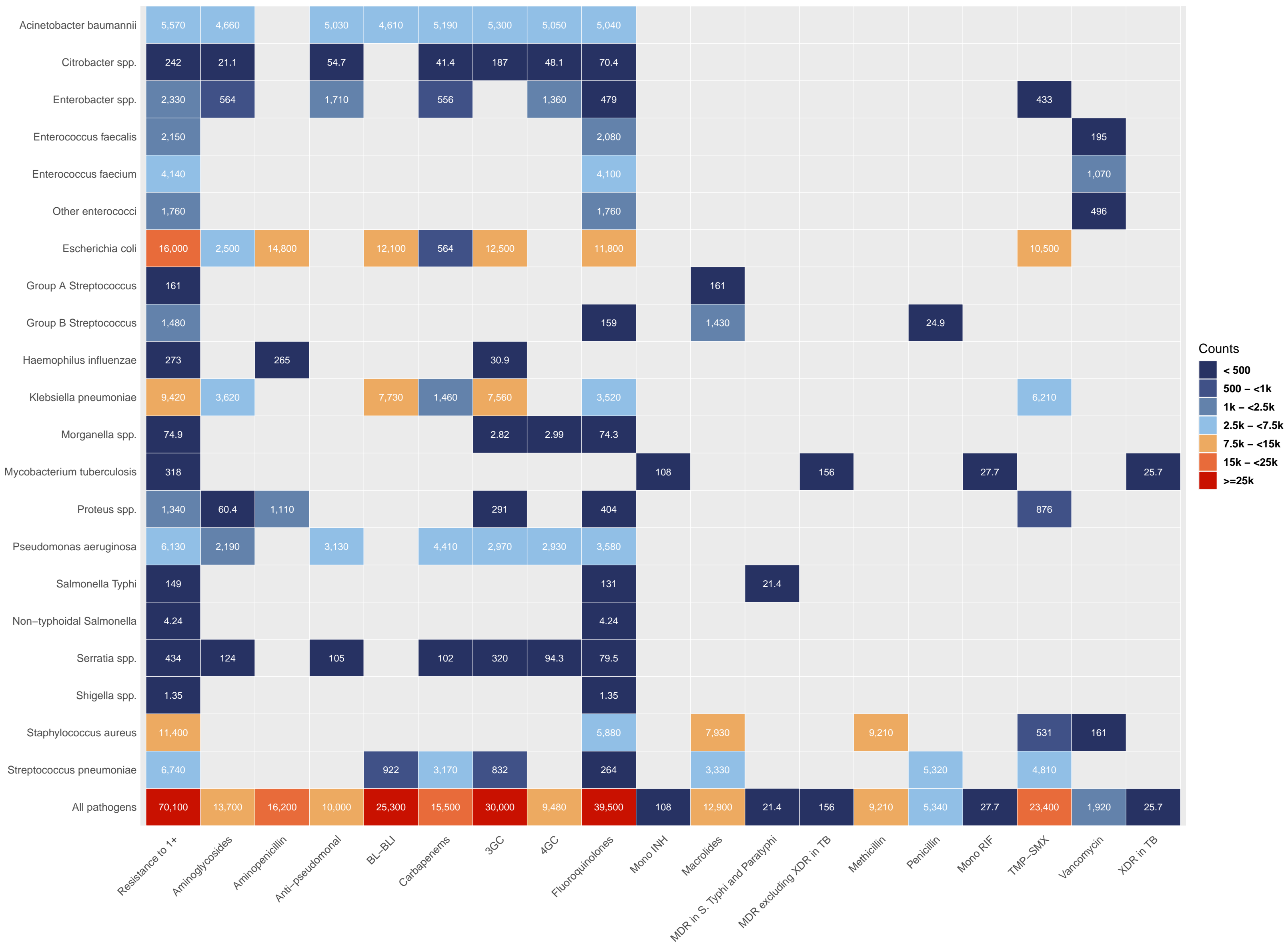
Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	90.9	7.91		5.26	0.509	41.2	4.03	2.89	29.2											
Citrobacter spp.	2.94	0.033		0.637		0.443	0.762	0.446	0.616											
Enterobacter spp.	16.2	0.608		3.02		3.21		2.56	4.34								2.41			
Enterococcus faecalis	6.48								4.99									1.48		
Enterococcus faecium	13.9								10									3.84		
Other enterococci	11.5								9.54									1.96		
Escherichia coli	54	1.54	2.75		9.52	2.4	16		12.6									9.15		
Group A Streptococcus	1.66										1.66									
Group B Streptococcus	3.52								0.759		2.42			0.344						
Haemophilus influenzae	0.707		0.343				0.364													
Klebsiella pneumoniae	52.8	3.85			0.356	3.13	32.9		6.32									6.2		
Morganella spp.	0.25						0.04	0.028	0.181											
Mycobacterium tuberculosis	0.227									0.002			0.191			0.001			0.033	
Proteus spp.	3.23	0.088	0.582				1.33		0.467									0.767		
Pseudomonas aeruginosa	28.2	0.71		4.87		15	1.98	0.626	5.06											
Salmonella Typhi	0.322								0.277			0.045								
Non-typhoidal Salmonella	0.015								0.015											
Serratia spp.	3.32	0.182		0.625		0.893	0.905	0.46	0.255											
Shigella spp.	0.014								0.014											
Staphylococcus aureus	62.1								3.37		4.21		52.7					1.1	0.709	
Streptococcus pneumoniae	24				0.535	8.21	0.552		0.74		2.7			3.24				7.99		
All pathogens	376	14.9	3.67	14.4	10.9	74.4	58.9	7.01	88.8	0.002	11	0.045	0.191	52.7	3.58	0.001		27.6	7.99	0.033
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB	

Counts
 < 500

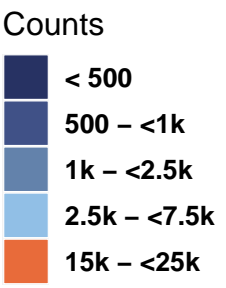
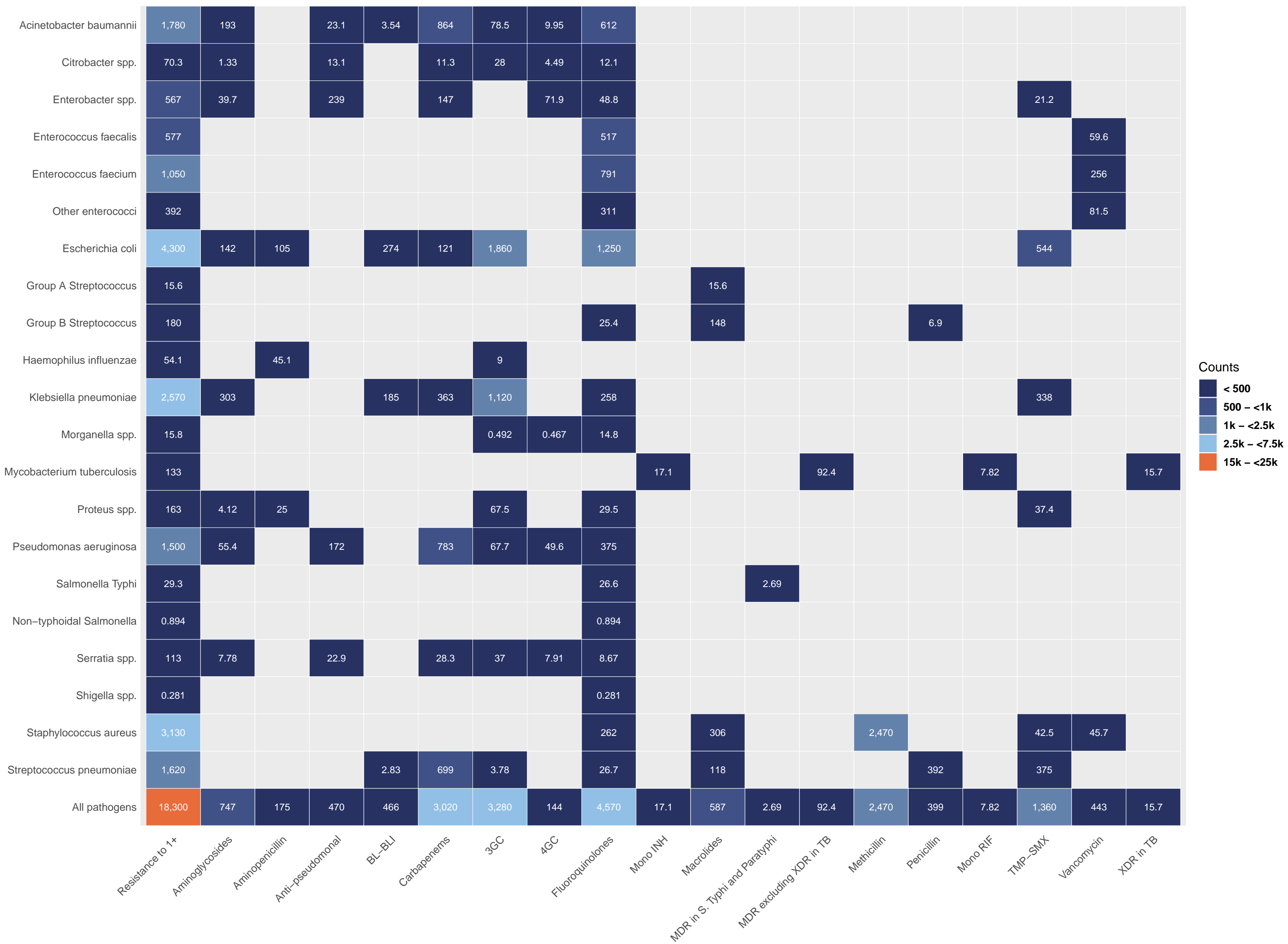
Mexico

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



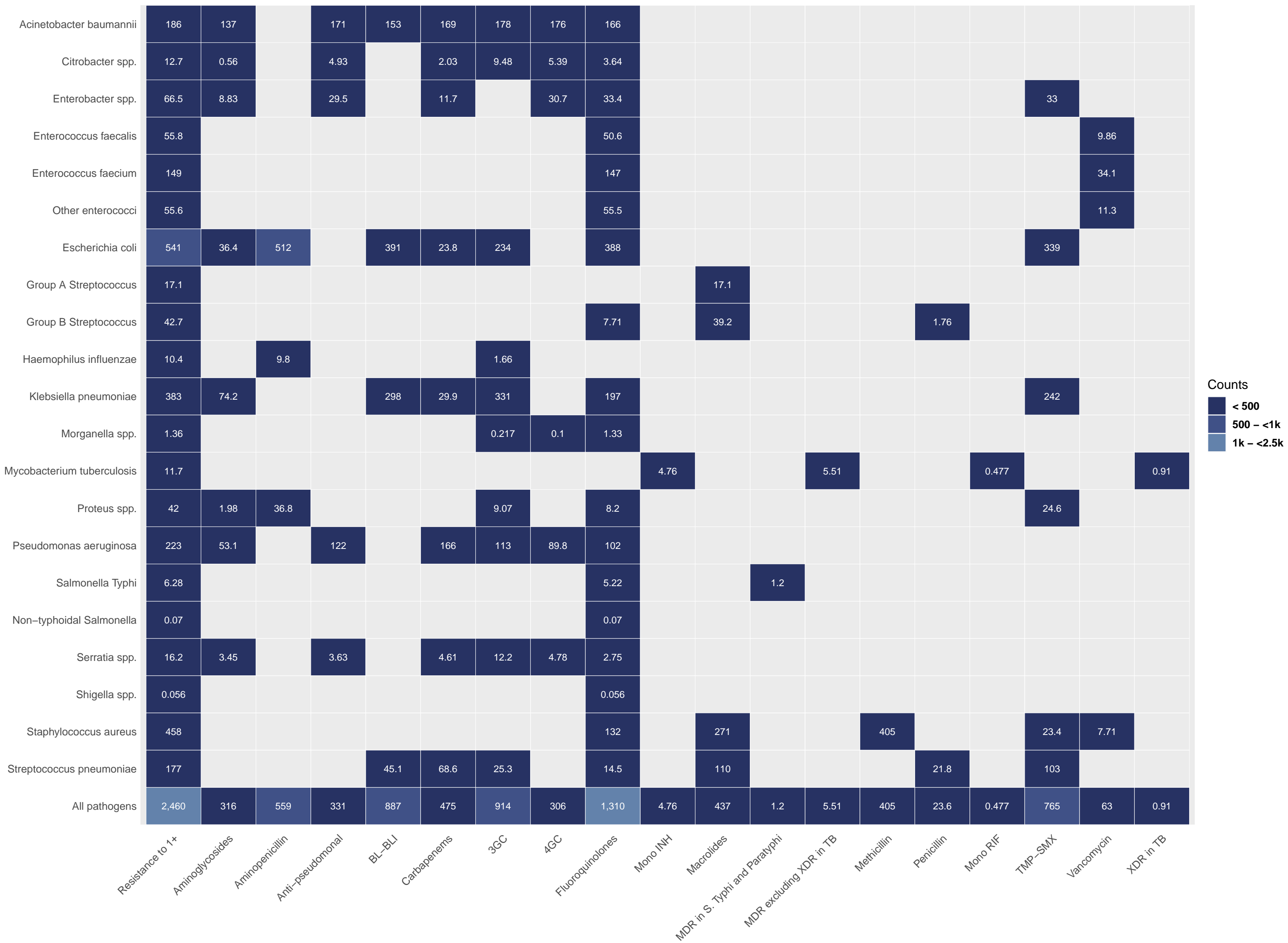
Mexico

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Nicaragua

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

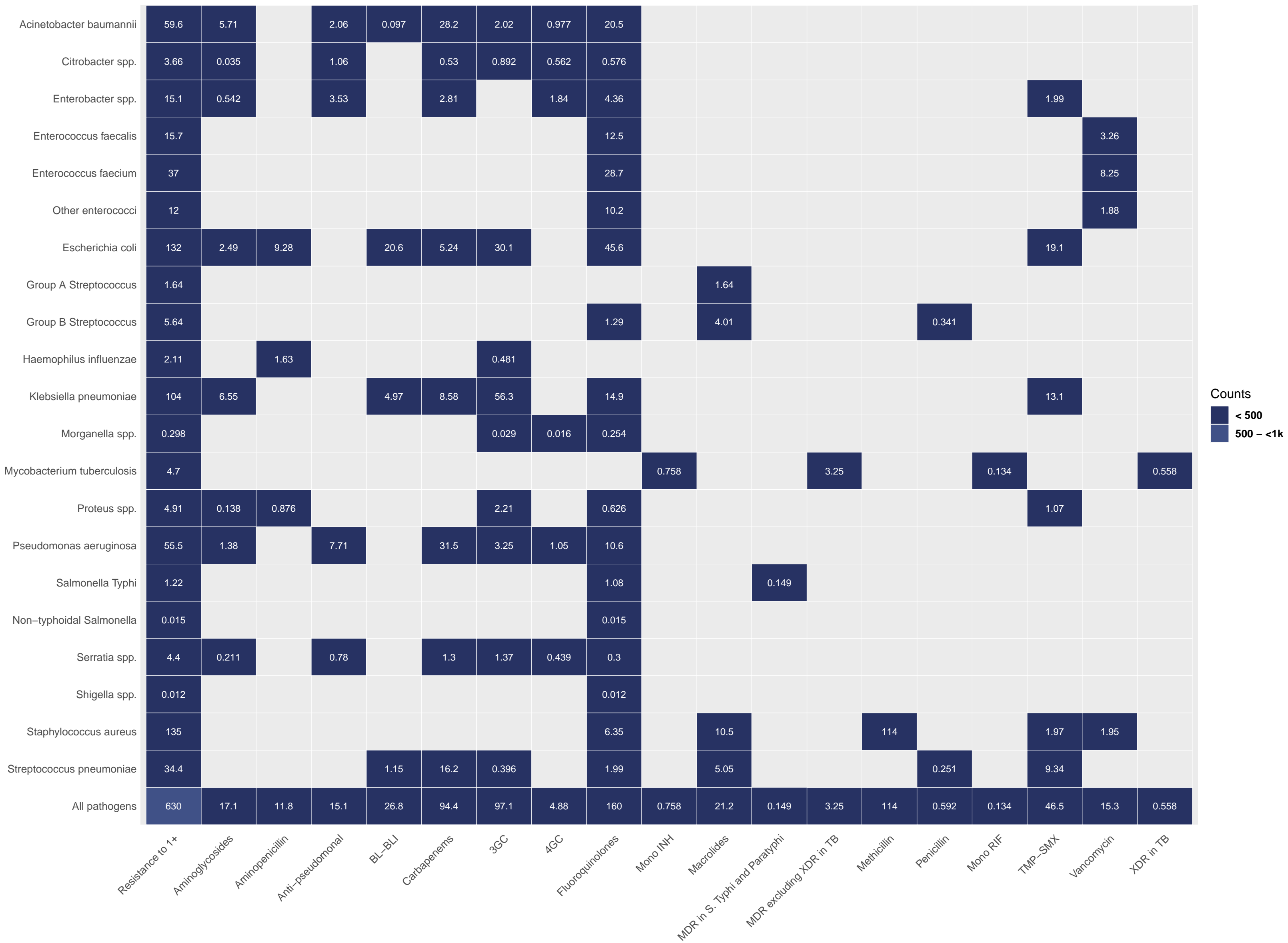


Counts

- < 500
- 500 – <1k
- 1k – <2.5k

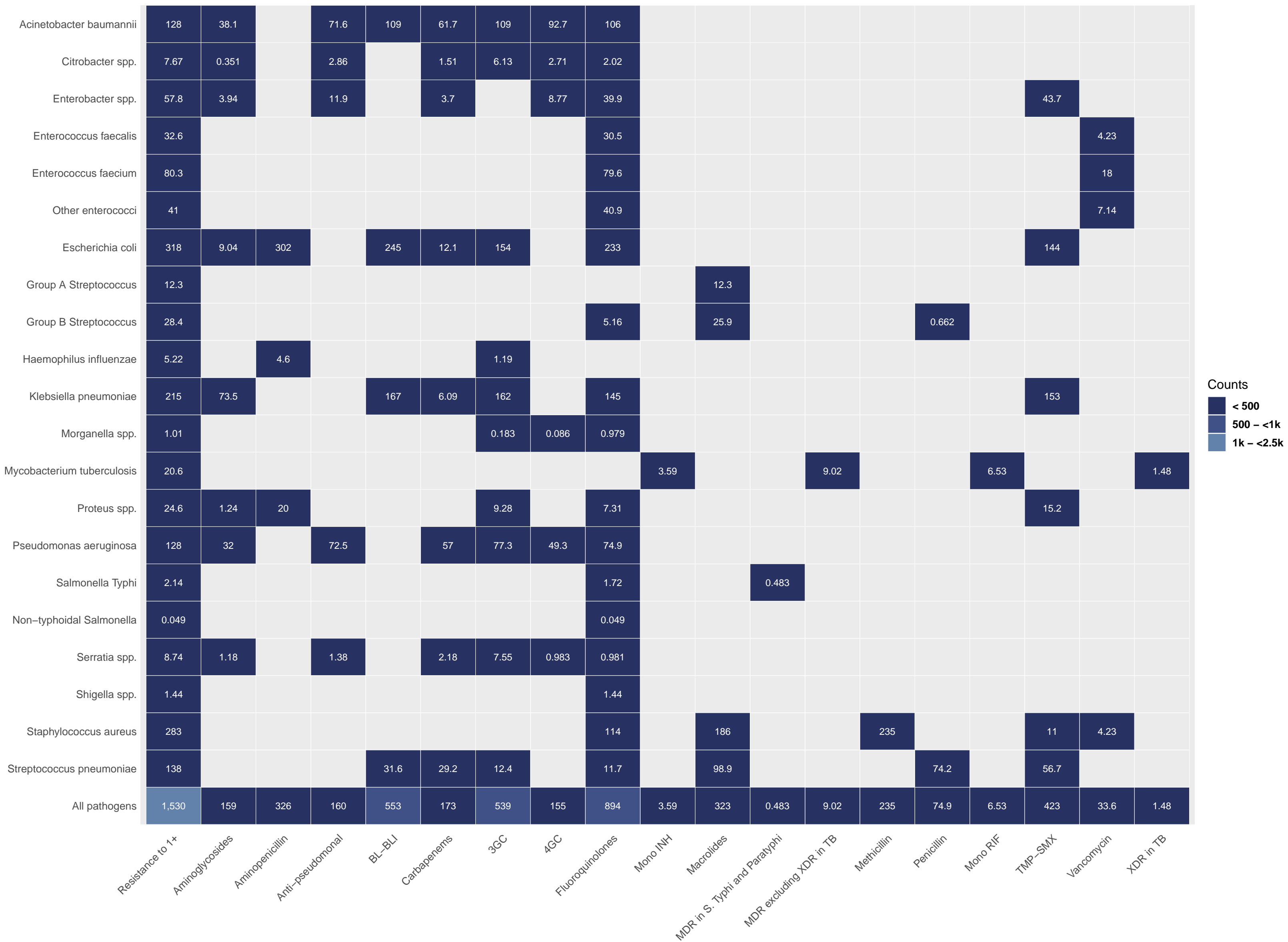
Nicaragua

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Panama

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Counts

- < 500
- 500 – <1k
- 1k – <2.5k

Panama

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

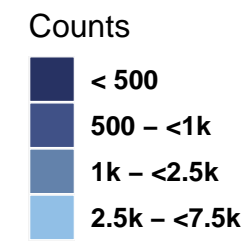
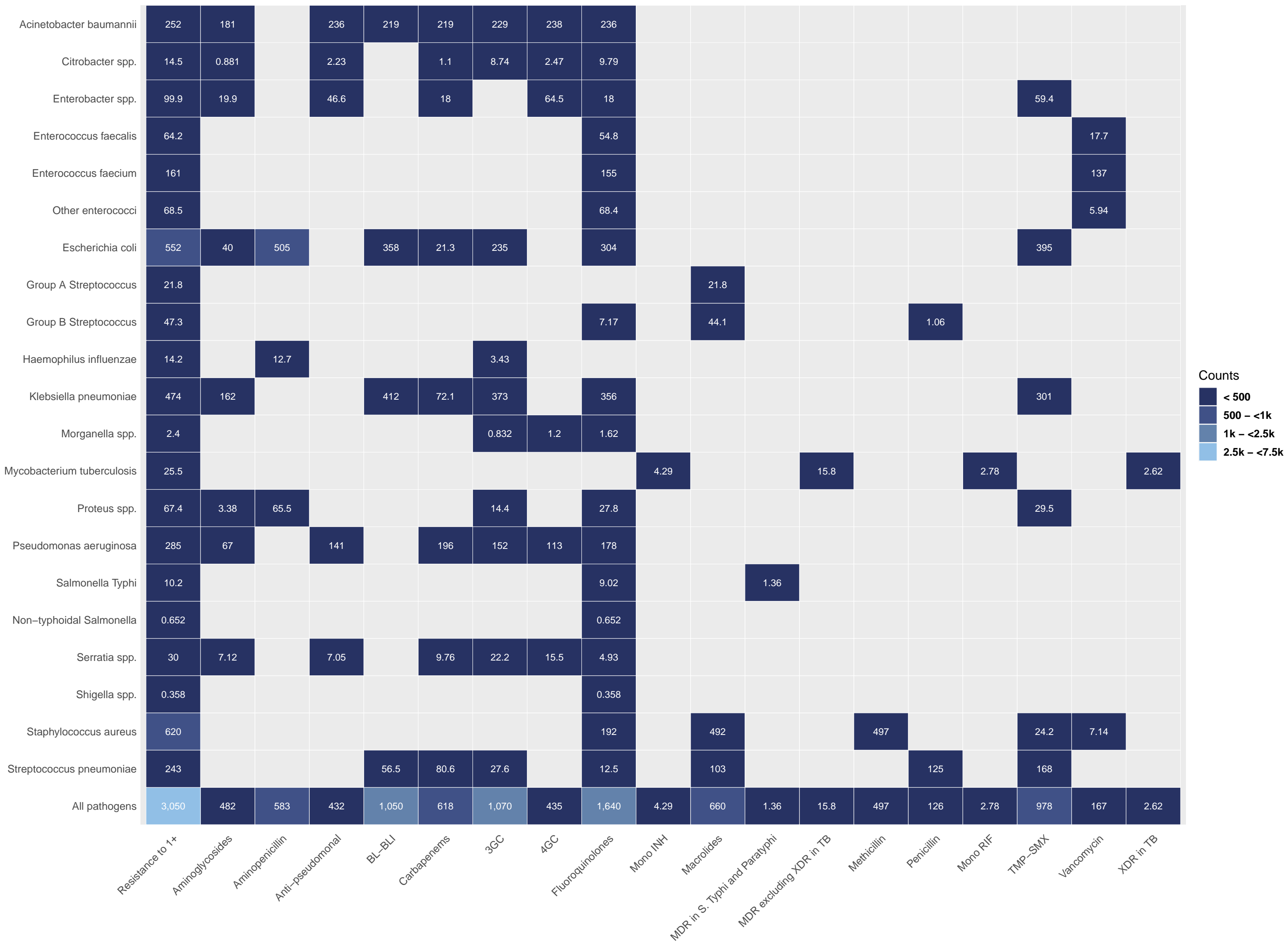
Acinetobacter baumannii	38.3	1.76		2.74	1.53	10.1	5.56	2.17	14.4										
Citrobacter spp.	2.25	0.021		0.609		0.398	0.654	0.252	0.313										
Enterobacter spp.	11.3	0.327		1.08		0.756		0.336	5.96								2.86		
Enterococcus faecalis	8.93								7.58									1.36	
Enterococcus faecium	20								15.6									4.34	
Other enterococci	8.77								7.59									1.18	
Escherichia coli	79	0.798	4.64		13.1	2.71	21.2		28.6									7.96	
Group A Streptococcus	1.17										1.17								
Group B Streptococcus	3.71								0.873		2.68			0.157					
Haemophilus influenzae	1.1		0.75				0.352												
Klebsiella pneumoniae	54.3	5.65			3.79	2.35	24		10.6									7.9	
Morganella spp.	0.224						0.024	0.014	0.186										
Mycobacterium tuberculosis	8.71									0.58			5.39			1.83			0.908
Proteus spp.	3.66	0.084	0.371				2.03		0.525									0.643	
Pseudomonas aeruginosa	32	0.819		8.14		9.89	3.94	0.729	8.53										
Salmonella Typhi	0.411								0.35			0.062							
Non-typhoidal Salmonella	0.01								0.01										
Serratia spp.	2.44	0.07		0.337		0.621	1.21	0.089	0.107										
Shigella spp.	0.301								0.301										
Staphylococcus aureus	79.2								5.2		7.37		64.6				0.921	1.15	
Streptococcus pneumoniae	26.5				1.39	6.96	0.665		1.63		4.52			6.72			4.6		
All pathogens	382	9.53	5.76	12.9	19.8	33.8	59.7	3.59	108	0.58	15.7	0.062	5.39	64.6	6.88	1.83	24.9	8.03	0.908
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

< 500

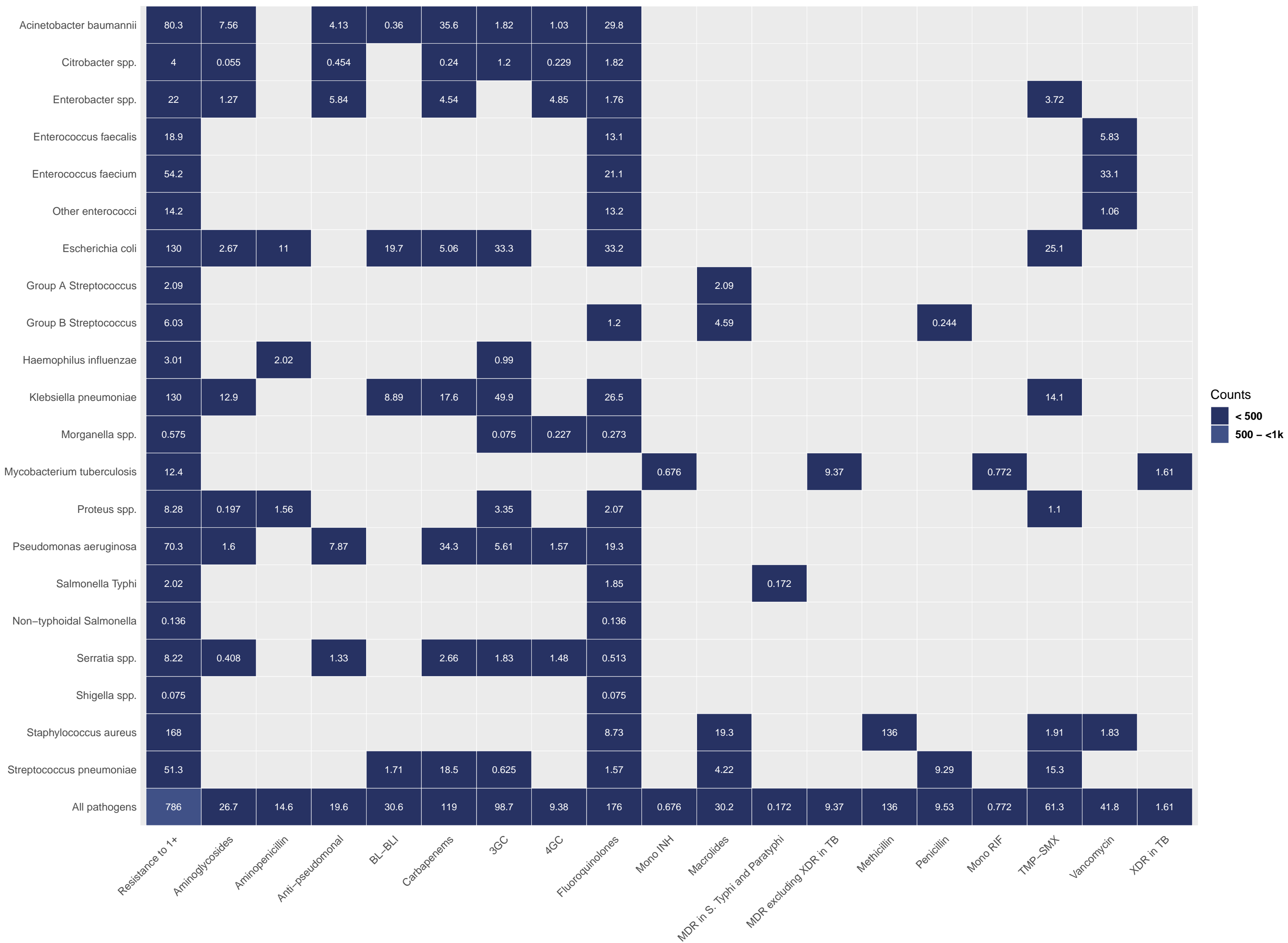
Paraguay

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Paraguay

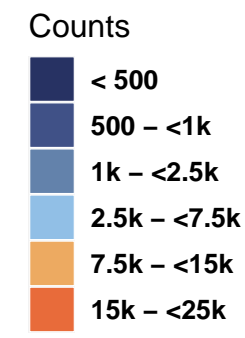
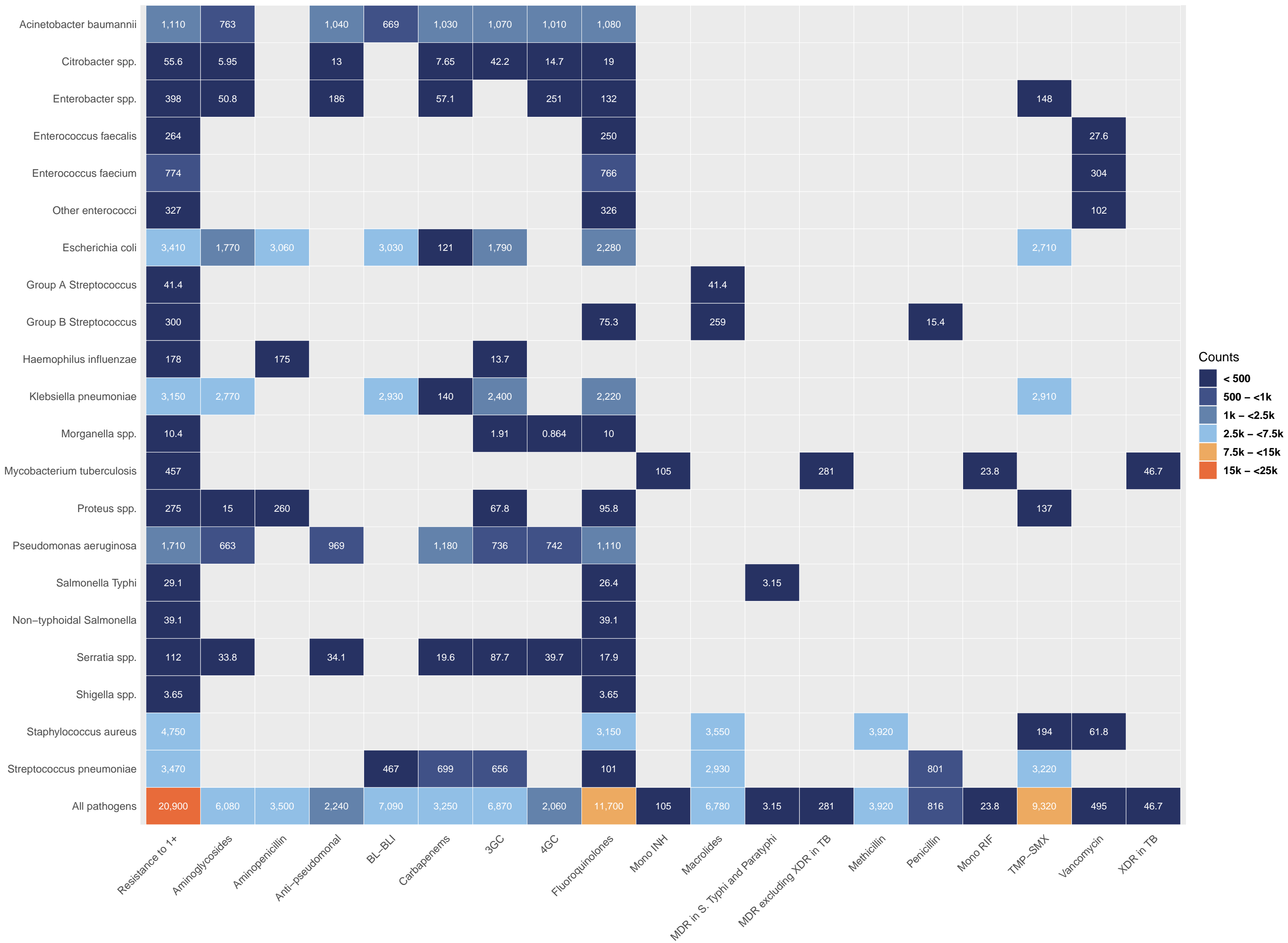
Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Counts
 < 500
 500 – <1k

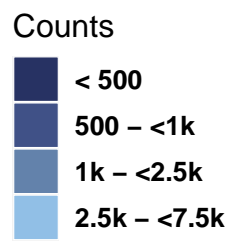
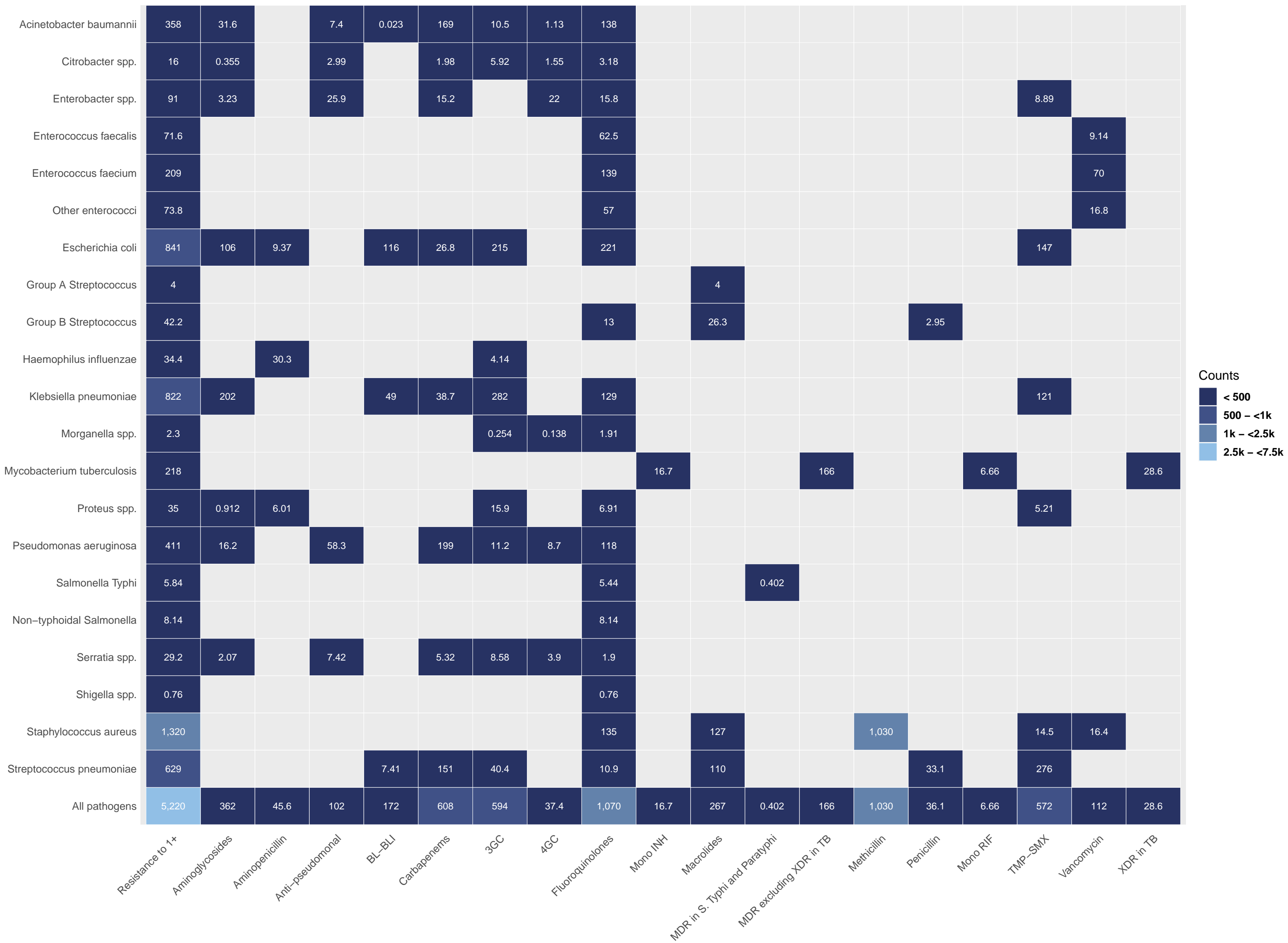
Peru

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Peru

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Saint Kitts and Nevis

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	6.79	4.79		5.94	5.52	6.07	6.47	6.39	6.67										
Citrobacter spp.	0.266	0.023		0.05		0.062	0.182	0.076	0.103										
Enterobacter spp.	1.93	0.283		0.656		0.467		0.825	0.926								1.12		
Enterococcus faecalis	0.747								0.68									0.128	
Enterococcus faecium	1.86								1.84									0.587	
Other enterococci	1.13								1.13									0.244	
Escherichia coli	6.61	0.585	6.17		4.76	0.375	3.59		4.37								4.28		
Group A Streptococcus	0.436										0.436								
Group B Streptococcus	0.467								0.067		0.433			0.015					
Haemophilus influenzae	0.097		0.082				0.027												
Klebsiella pneumoniae	4.07	0.916			3.26	0.457	2.79		2.4								2.94		
Morganella spp.	0.029						0.007	0.004	0.027										
Mycobacterium tuberculosis	0.02									0.005			0.011			0.002			0.002
Proteus spp.	0.822	0.027	0.743				0.139		0.416								0.449		
Pseudomonas aeruginosa	3.3	0.978		1.65		2.53	1.53	1.21	1.84										
Salmonella Typhi	0.032								0.026			0.007							
Non-typhoidal Salmonella	0.009								0.009										
Serratia spp.	0.322	0.078		0.067		0.064	0.242	0.136	0.063										
Shigella spp.	0.004								0.004										
Staphylococcus aureus	5.77								1.5		3.87		5.06				0.26	0.109	
Streptococcus pneumoniae	3.94				0.769	1.66	0.832		0.138		2.98			1.42			2.54		
All pathogens	38.7	7.69	7	8.37	14.3	11.7	15.8	8.64	22.2	0.005	7.72	0.007	0.011	5.06	1.43	0.002	11.6	1.07	0.002
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

< 500

Saint Kitts and Nevis

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	2.18	0.199		0.044	0.002	0.992	0.055	0.032	0.854										
Citrobacter spp.	0.077	0.001		0.01		0.016	0.024	0.007	0.018										
Enterobacter spp.	0.438	0.018		0.068		0.116		0.046	0.119							0.072			
Enterococcus faecalis	0.209								0.167									0.042	
Enterococcus faecium	0.483								0.346									0.137	
Other enterococci	0.248								0.207									0.041	
Escherichia coli	1.66	0.037	0.092		0.214	0.082	0.502		0.488								0.246		
Group A Streptococcus	0.042										0.042								
Group B Streptococcus	0.06								0.011		0.045			0.003					
Haemophilus influenzae	0.021		0.013				0.008												
Klebsiella pneumoniae	1.04	0.079			0.099	0.121	0.398		0.178								0.163		
Morganella spp.	0.007						0.0009	0.0007	0.005										
Mycobacterium tuberculosis	0.009									0.0007			0.007			0.0007			0.001
Proteus spp.	0.1	0.002	0.018				0.032		0.032								0.017		
Pseudomonas aeruginosa	0.805	0.024		0.078		0.457	0.042	0.011	0.193										
Salmonella Typhi	0.006								0.005			0.0009							
Non-typhoidal Salmonella	0.002								0.002										
Serratia spp.	0.085	0.005		0.015		0.018	0.025	0.015	0.007										
Shigella spp.	0.0007								0.0007										
Staphylococcus aureus	1.69								0.072		0.148		1.42				0.021	0.027	
Streptococcus pneumoniae	0.809				0.008	0.373	0.014		0.015		0.128			0.056			0.215		
All pathogens	9.97	0.364	0.123	0.216	0.323	2.18	1.1	0.112	2.72	0.0007	0.363	0.0009	0.007	1.42	0.059	0.0007	0.733	0.247	0.001
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 < 500

Saint Lucia

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

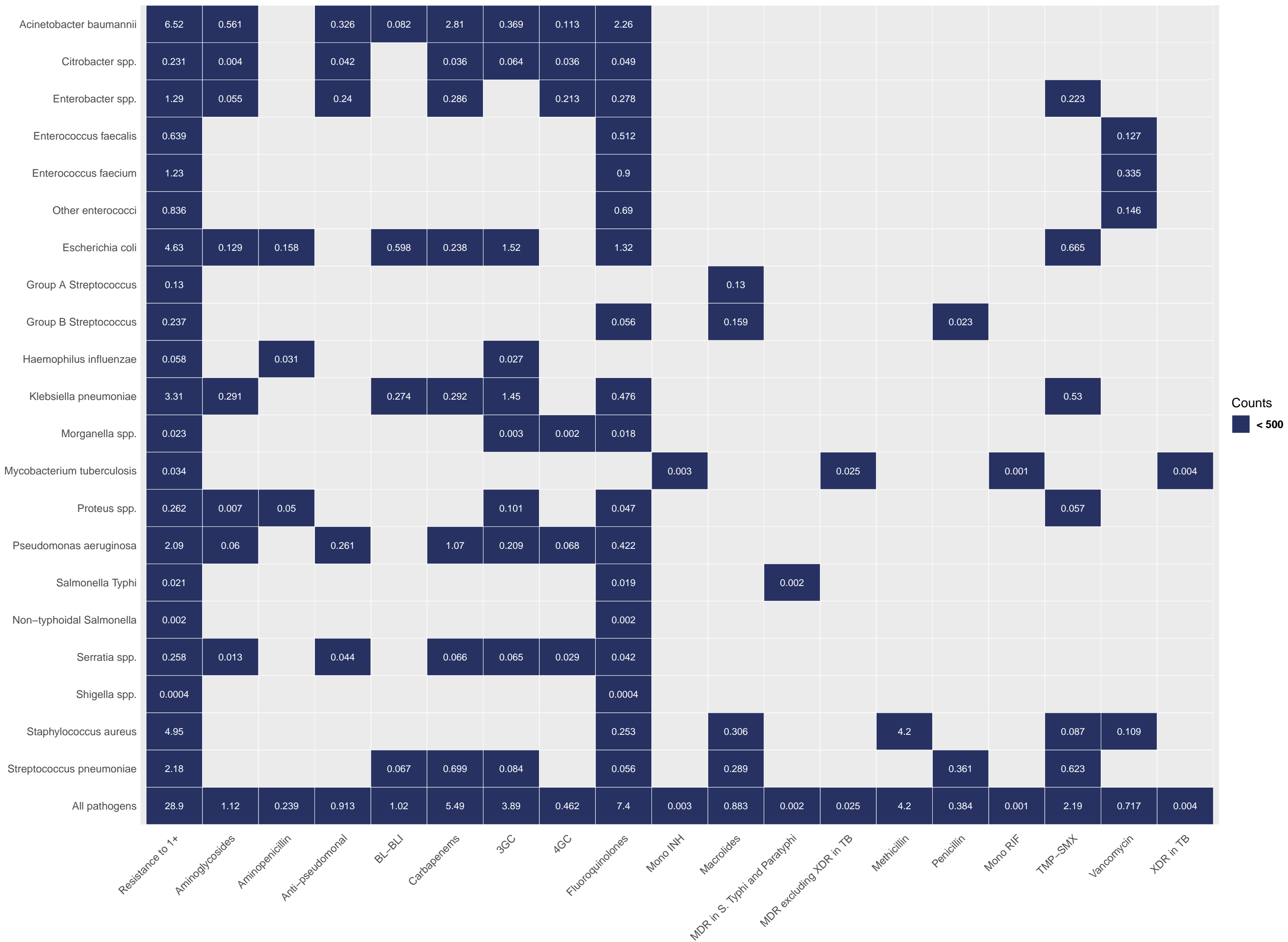
Acinetobacter baumannii	20.7	13.5		17.9	17.5	17.2	18.7	18.2	18.1										
Citrobacter spp.	0.808	0.066		0.202		0.142	0.559	0.327	0.296										
Enterobacter spp.	5.82	0.883		2.14		1.17		3.08	2.34								3.53		
Enterococcus faecalis	2.28								2.09									0.397	
Enterococcus faecium	4.79								4.75									1.43	
Other enterococci	3.81								3.8									0.879	
Escherichia coli	18.1	2.13	16.8		14.3	1.09	10.7		12								11.7		
Group A Streptococcus	1.35										1.35								
Group B Streptococcus	1.74								0.328		1.56			0.123					
Haemophilus influenzae	0.254		0.197				0.091												
Klebsiella pneumoniae	12.9	3.57			10.5	1.06	9.55		6.7								9.63		
Morganella spp.	0.1						0.022	0.014	0.094										
Mycobacterium tuberculosis	0.072									0.018			0.042			0.005			0.007
Proteus spp.	2.29	0.098	2.08				0.413		0.65								1.38		
Pseudomonas aeruginosa	8.34	2.26		3.93		5.69	4.61	3.5	3.99										
Salmonella Typhi	0.108								0.091			0.019							
Non-typhoidal Salmonella	0.012								0.012										
Serratia spp.	0.994	0.22		0.221		0.245	0.669	0.328	0.363										
Shigella spp.	0.002								0.002										
Staphylococcus aureus	15.8								5.54		8.55			15			1.12	0.496	
Streptococcus pneumoniae	10.8				2.53	3.18	2		0.487		6.97			5.38			7.29		
All pathogens	111	22.7	19	24.4	44.8	29.8	47.3	25.4	61.6	0.018	18.4	0.019	0.042	15	5.51	0.005	34.7	3.21	0.007
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

< 500

Saint Lucia

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Counts
 < 500

Saint Vincent and the Grenadines

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	14.8	9.47		13.4	11.2	11.6	12.2	12.8	13										
Citrobacter spp.	0.691	0.066		0.169		0.115	0.463	0.332	0.272										
Enterobacter spp.	4.57	0.798		1.35		0.979		2.47	2.4								3.01		
Enterococcus faecalis	1.74								1.63									0.261	
Enterococcus faecium	3.12								3.09									0.965	
Other enterococci	2.61								2.61									0.136	
Escherichia coli	12.4	2.84	11.9		9.41	1.28	6.52		7.67								7.97		
Group A Streptococcus	0.964										0.964								
Group B Streptococcus	1.25								0.378		1.03			0.078					
Haemophilus influenzae	0.14		0.085				0.074												
Klebsiella pneumoniae	9.83	3.67			8.26	0.834	7.33		6.39								7.47		
Morganella spp.	0.081						0.016	0.016	0.075										
Mycobacterium tuberculosis	0.049									0.01			0.031			0.003			0.005
Proteus spp.	1.7	0.067	1.56				0.319		0.669								0.977		
Pseudomonas aeruginosa	5.9	2.61		2.46		3.82	2.93	2.21	3.11										
Salmonella Typhi	0.136								0.108			0.032							
Non-typhoidal Salmonella	0.015								0.015										
Serratia spp.	0.759	0.251		0.181		0.188	0.491	0.248	0.217										
Shigella spp.	0.003								0.003										
Staphylococcus aureus	11.2								3.87		7.22			10.1			1.6	0.22	
Streptococcus pneumoniae	7.74				1.57	1.95	1.99		0.588		4.53			3.31			5.63		
All pathogens	79.7	19.8	13.5	17.6	30.4	20.8	32.4	18.1	46.1	0.01	13.7	0.032	0.031	10.1	3.38	0.003	26.7	1.58	0.005
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 < 500

Saint Vincent and the Grenadines

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	4.63	0.4		0.42	0.032	1.88	0.194	0.055	1.65										
Citrobacter spp.	0.196	0.003		0.034		0.028	0.048	0.039	0.044										
Enterobacter spp.	1.04	0.047		0.125		0.221		0.169	0.294								0.181		
Enterococcus faecalis	0.481								0.4									0.081	
Enterococcus faecium	0.807								0.583									0.225	
Other enterococci	0.533								0.508									0.025	
Escherichia coli	3.15	0.167	0.169		0.432	0.275	0.848		0.806								0.449		
Group A Streptococcus	0.093										0.093								
Group B Streptococcus	0.183								0.066		0.102			0.014					
Haemophilus influenzae	0.034		0.012				0.022												
Klebsiella pneumoniae	2.54	0.278			0.2	0.222	1.02		0.446								0.38		
Morganella spp.	0.018						0.002	0.003	0.014										
Mycobacterium tuberculosis	0.024									0.002			0.019			0.0009			0.003
Proteus spp.	0.204	0.004	0.037				0.076		0.049								0.038		
Pseudomonas aeruginosa	1.41	0.071		0.148		0.68	0.137	0.044	0.33										
Salmonella Typhi	0.026								0.022			0.004							
Non-typhoidal Salmonella	0.003								0.003										
Serratia spp.	0.192	0.015		0.036		0.051	0.045	0.022	0.024										
Shigella spp.	0.0007								0.0007										
Staphylococcus aureus	3.36								0.171		0.259		2.76				0.128	0.049	
Streptococcus pneumoniae	1.55				0.031	0.422	0.148		0.07		0.185			0.199			0.494		
All pathogens	20.5	0.986	0.219	0.762	0.696	3.78	2.54	0.33	5.48	0.002	0.639	0.004	0.019	2.76	0.213	0.0009	1.67	0.379	0.003
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 < 500

Suriname

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	62.4	41		59	46.7	47.8	50.9	54.3	55.4										
Citrobacter spp.	3.98	0.502		1.11		0.645	2.63	2.02	1.71										
Enterobacter spp.	23.6	4.53		8.24		5.5		12.9	12.2								16		
Enterococcus faecalis	10								9.6									1.22	
Enterococcus faecium	16.4								16.3									5.17	
Other enterococci	12.3								12.3									0.739	
Escherichia coli	63.5	14.7	61.2		50.7	6.58	28.6		31.8								43.8		
Group A Streptococcus	4.44										4.44								
Group B Streptococcus	6.99								2.89		5.27			0.399					
Haemophilus influenzae	0.697		0.411				0.384												
Klebsiella pneumoniae	51.2	20.1			44.7	4.61	37.3		31.5								40.6		
Morganella spp.	0.428						0.077	0.087	0.396										
Mycobacterium tuberculosis	0.151									0.036			0.087			0.014			0.014
Proteus spp.	9.26	0.7	8.48				1.79		3.42								5.88		
Pseudomonas aeruginosa	28.7	14.1		12.2		18.3	14.1	9.99	15.7										
Salmonella Typhi	1.07								0.86			0.261							
Non-typhoidal Salmonella	0.104								0.104										
Serratia spp.	4.54	1.72		1.38		1.19	2.9	1.63	1.19										
Shigella spp.	0.023								0.023										
Staphylococcus aureus	53.2								19.3		34.5		46.2				14.2	0.791	
Streptococcus pneumoniae	36.8				6.96	8.43	9.77		2.88		21.3			17.8			27.3		
All pathogens	390	97.4	70.1	81.9	149	93	148	81	218	0.036	65.6	0.261	0.087	46.2	18.2	0.014	148	7.92	0.014
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 < 500

Suriname

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	19.5	1.74		2.33	0.06	7.73	0.511	0.108	7.04										
Citrobacter spp.	1.13	0.026		0.21		0.153	0.24	0.225	0.271										
Enterobacter spp.	5.41	0.263		0.759		1.23		0.777	1.44								0.944		
Enterococcus faecalis	2.74								2.37									0.365	
Enterococcus faecium	4.27								3.07									1.2	
Other enterococci	2.52								2.38									0.133	
Escherichia coli	15.5	0.903	0.854		2.69	1.47	3.74		3.2								2.63		
Group A Streptococcus	0.427										0.427								
Group B Streptococcus	1.1								0.514		0.51			0.073					
Haemophilus influenzae	0.172		0.059				0.113												
Klebsiella pneumoniae	13.2	1.52			1.17	1.18	5.13		2.13								2.07		
Morganella spp.	0.096						0.008	0.014	0.074										
Mycobacterium tuberculosis	0.07									0.006			0.052			0.004			0.009
Proteus spp.	1.12	0.04	0.194				0.416		0.24								0.231		
Pseudomonas aeruginosa	6.77	0.38		0.724		3.2	0.644	0.165	1.66										
Salmonella Typhi	0.209								0.177			0.032							
Non-typhoidal Salmonella	0.022								0.022										
Serratia spp.	1.14	0.102		0.258		0.317	0.21	0.127	0.126										
Shigella spp.	0.005								0.005										
Staphylococcus aureus	15.6								0.817		1.21		12.2				1.18	0.188	
Streptococcus pneumoniae	7.47				0.13	1.82	0.796		0.335		0.852			1.17			2.37		
All pathogens	98.5	4.97	1.11	4.28	4.05	17.1	11.8	1.42	25.9	0.006	3	0.032	0.052	12.2	1.24	0.004	9.42	1.88	0.009
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 < 500

The Bahamas

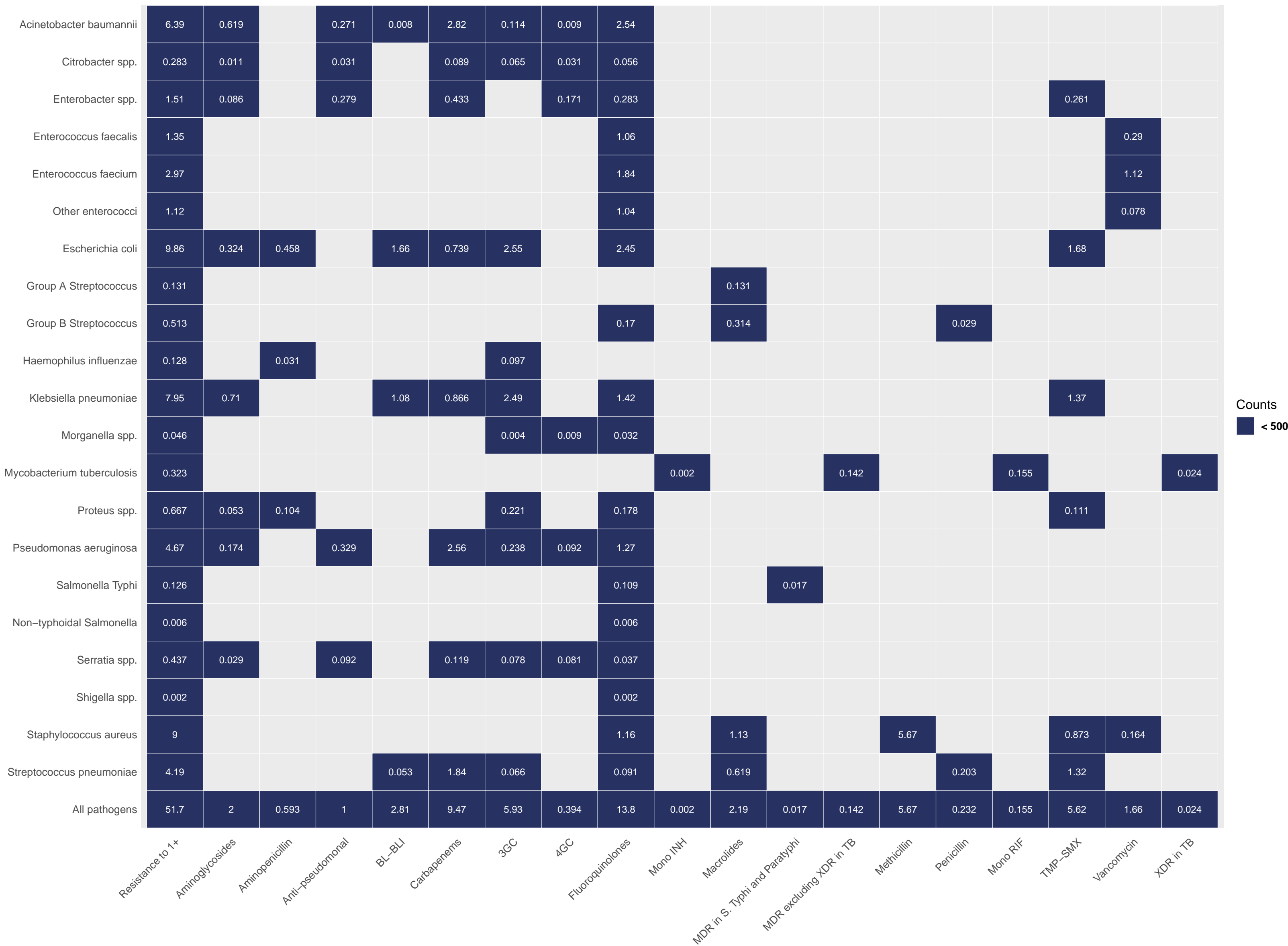
Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	19.9	15		18.9	16.8	17.4	19	17.5	19.8										
Citrobacter spp.	0.963	0.184		0.194		0.346	0.613	0.381	0.368										
Enterobacter spp.	6.64	1.4		2.74		1.78		3.33	2.55								4.27		
Enterococcus faecalis	4.79								4.36									0.909	
Enterococcus faecium	10.6								10.5									4.89	
Other enterococci	5.39								5.38									0.432	
Escherichia coli	40.2	5.3	38		32.1	3.31	18.9		23								27.7		
Group A Streptococcus	1.35										1.35								
Group B Streptococcus	3.65								0.98		3.11			0.141					
Haemophilus influenzae	0.493		0.236				0.33												
Klebsiella pneumoniae	32.5	8.83			29.1	3.34	19.1		20.5								26.4		
Morganella spp.	0.201						0.045	0.056	0.176										
Mycobacterium tuberculosis	0.841									0.011			0.239			0.552			0.04
Proteus spp.	5.18	1.17	4.85				1.03		2.57								3.19		
Pseudomonas aeruginosa	19.6	7.06		8.45		14.8	8.39	7.35	12										
Salmonella Typhi	0.643								0.531			0.139							
Non-typhoidal Salmonella	0.029								0.029										
Serratia spp.	1.67	0.484		0.471		0.44	1.1	0.832	0.355										
Shigella spp.	0.007								0.007										
Staphylococcus aureus	41								26		29.9		23.1				9.76	0.579	
Streptococcus pneumoniae	20.9				4.24	8.37	4.1		0.816		14.9			6.19			15.2		
All pathogens	217	39.5	43.1	30.8	82.3	49.8	72.7	29.5	130	0.011	49.2	0.139	0.239	23.1	6.33	0.552	86.4	6.81	0.04
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 < 500

The Bahamas

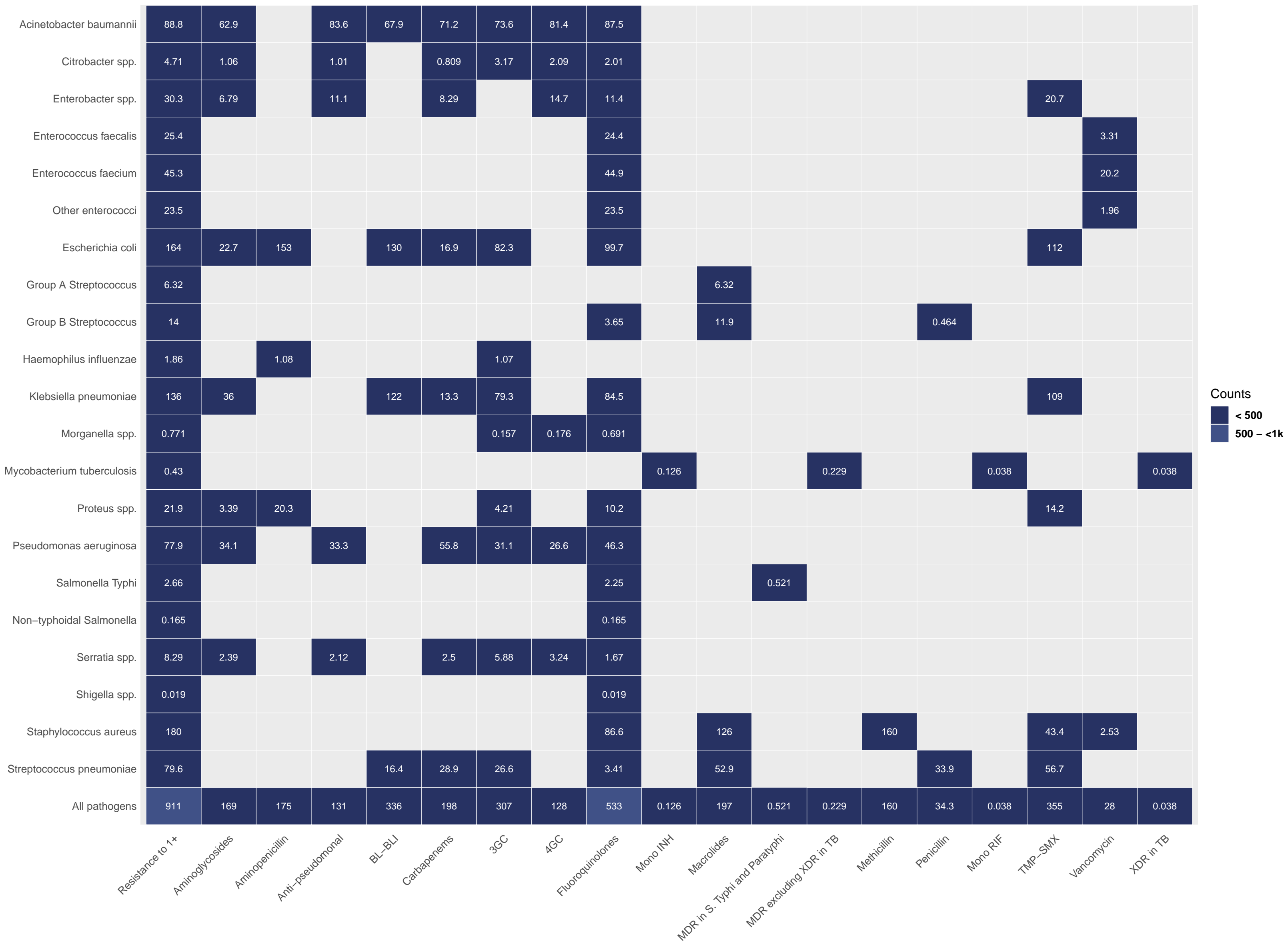
Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Counts
 < 500

Trinidad and Tobago

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Trinidad and Tobago

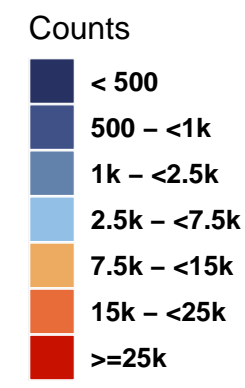
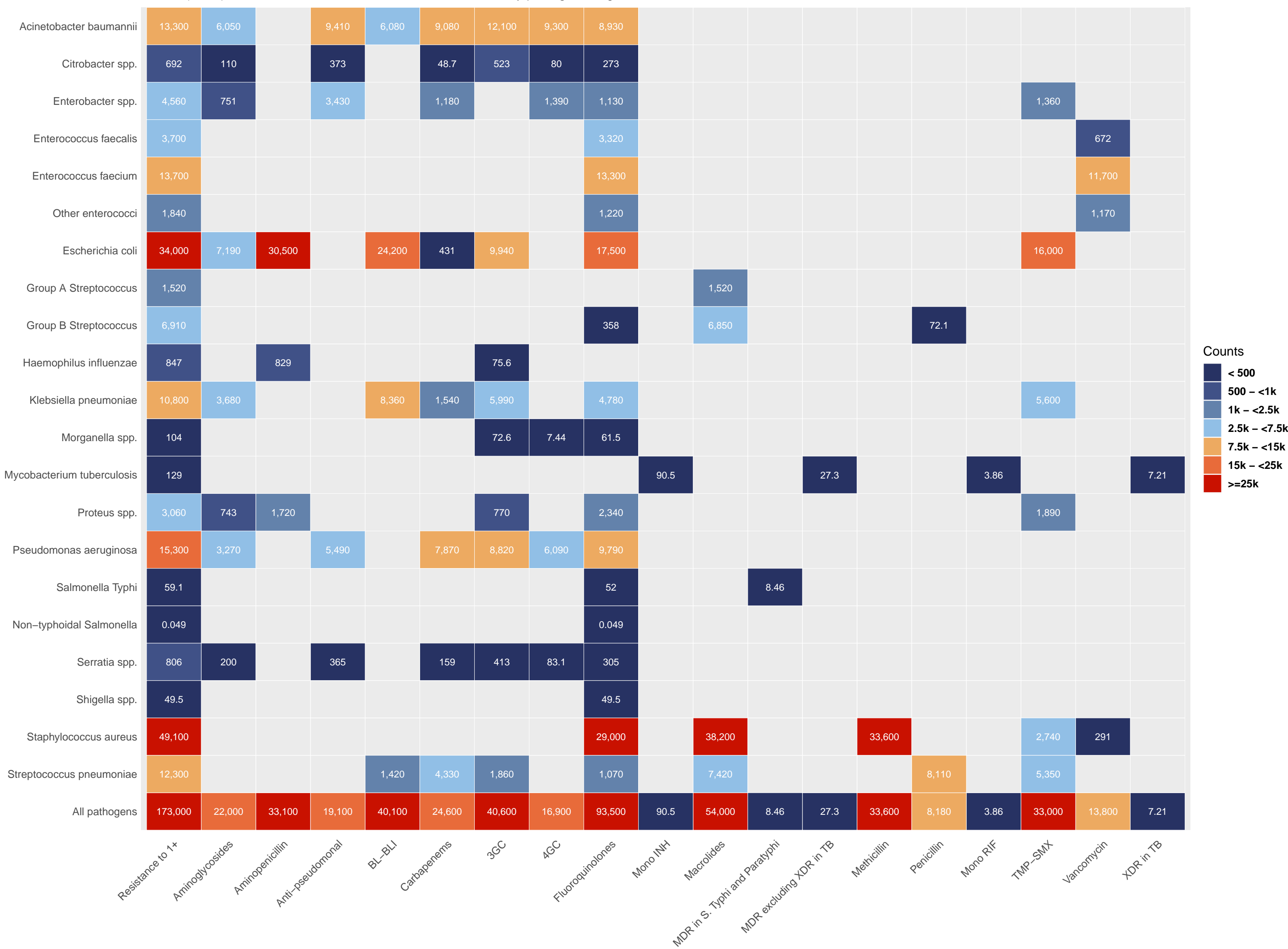
Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	28	2.65		1.98	0.033	11.5	0.279	0.206	11.4										
Citrobacter spp.	1.33	0.061		0.191		0.191	0.345	0.232	0.312										
Enterobacter spp.	6.83	0.421		1.07		2.01		0.767	1.25								1.3		
Enterococcus faecalis	6.95								5.99									0.956	
Enterococcus faecium	12.6								7.94									4.64	
Other enterococci	4.88								4.53									0.356	
Escherichia coli	41.2	1.36	1.7		6.19	3.73	10.8		10.7									6.61	
Group A Streptococcus	0.608										0.608								
Group B Streptococcus	1.97								0.636		1.22			0.11					
Haemophilus influenzae	0.463		0.15				0.313												
Klebsiella pneumoniae	33	2.91			4.66	3.5	10.4		5.87									5.69	
Morganella spp.	0.174						0.016	0.03	0.128										
Mycobacterium tuberculosis	0.191									0.02			0.137			0.011			0.024
Proteus spp.	2.76	0.16	0.447				0.927		0.707									0.521	
Pseudomonas aeruginosa	18.2	0.879		1.54		9.64	0.894	0.332	4.91										
Salmonella Typhi	0.52								0.458			0.062							
Non-typhoidal Salmonella	0.034								0.034										
Serratia spp.	2.21	0.141		0.41		0.683	0.518	0.281	0.175										
Shigella spp.	0.004								0.004										
Staphylococcus aureus	53.5								3.52		4.3		41.7					3.38	0.571
Streptococcus pneumoniae	16.9				0.164	6.33	1.62		0.372		2.17			1.46				4.84	
All pathogens	232	8.58	2.3	5.19	11	37.5	26.1	1.85	59	0.02	8.29	0.062	0.137	41.7	1.57	0.011	22.3	6.53	0.024
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 < 500

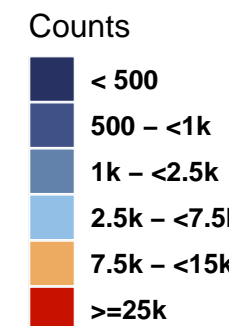
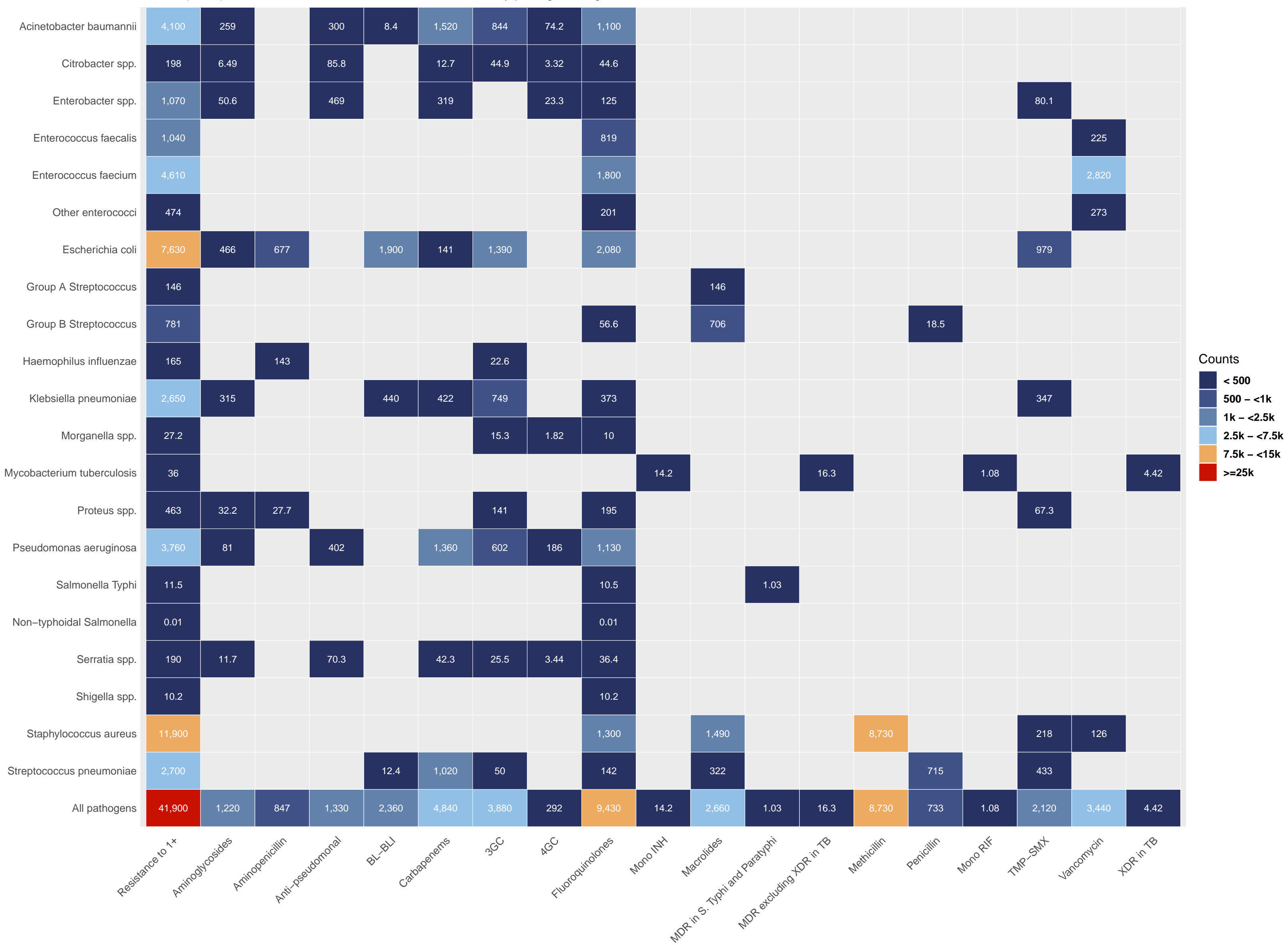
United States of America

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



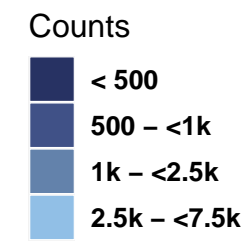
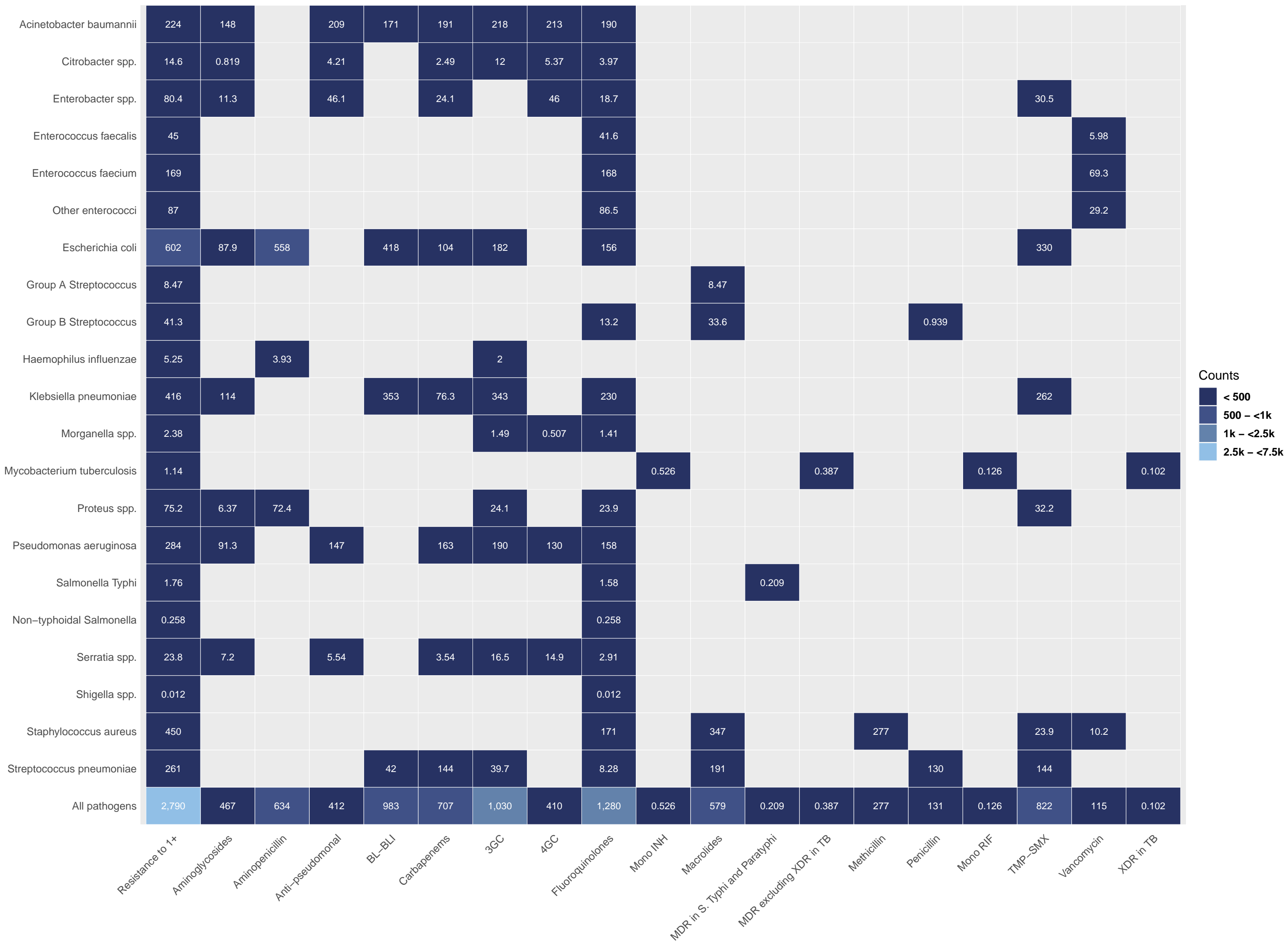
United States of America

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



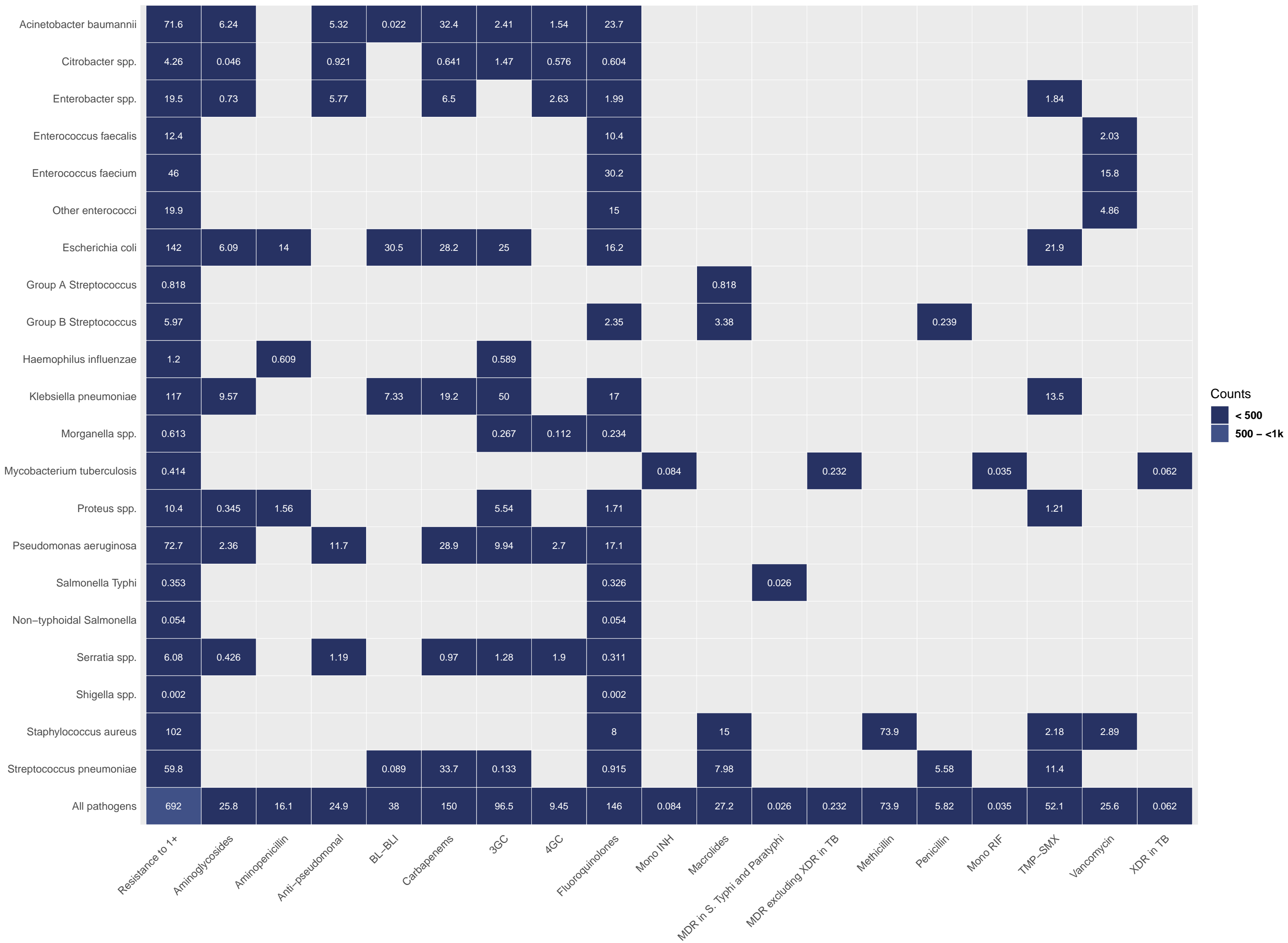
Uruguay

Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



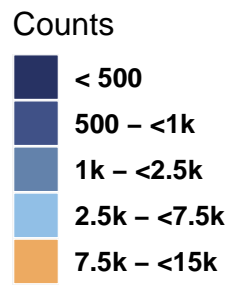
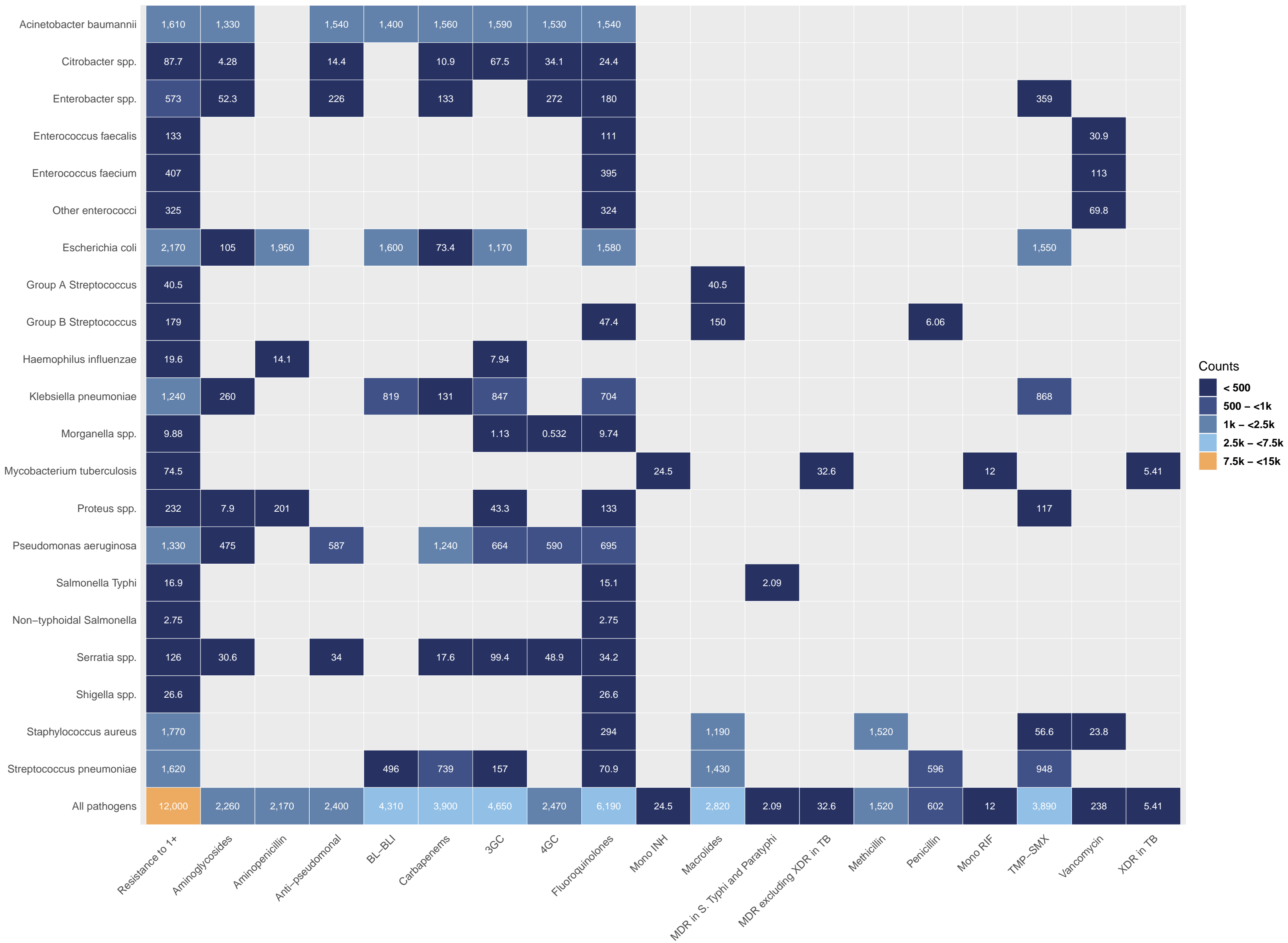
Uruguay

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Venezuela

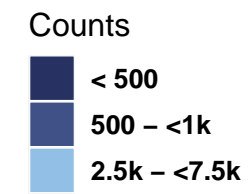
Deaths (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Venezuela

Deaths (count) *attributable to* bacterial antimicrobial resistance by pathogen–drug combinations, 2019

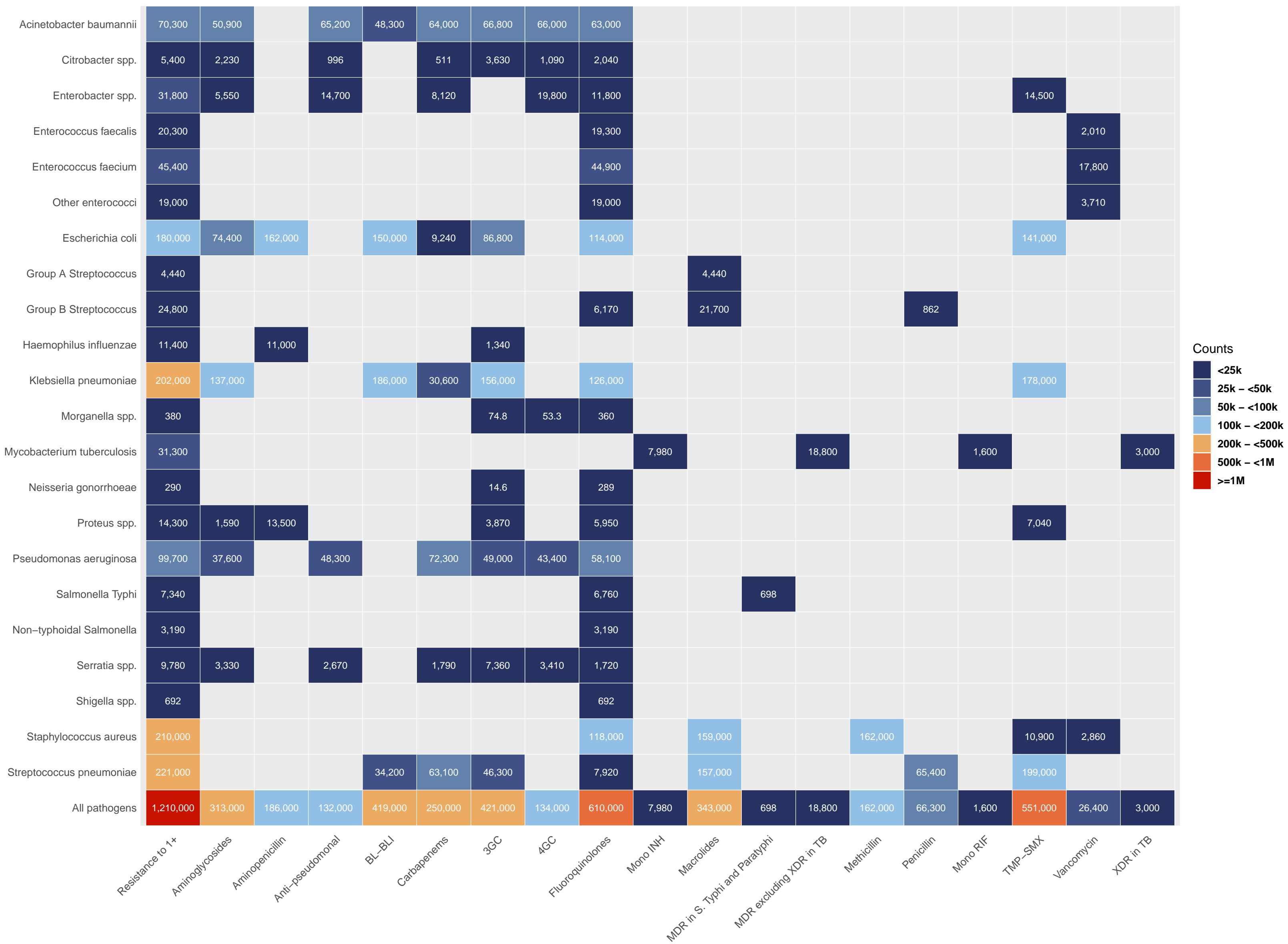
Acinetobacter baumannii	522	54.7		3.72	0.146	260	11	1.42	191										
Citrobacter spp.	25	0.258		3.61		2.85	9.73	4.64	3.91										
Enterobacter spp.	125	3.74		26.1		34.2		16.6	20.6							24			
Enterococcus faecalis	38.7								27.6									11.1	
Enterococcus faecium	105								77.4									27.4	
Other enterococci	70.7								59.2									11.5	
Escherichia coli	545	7.76	22.5		66.4	16.6	159		183								89.5		
Group A Streptococcus	3.89										3.89								
Group B Streptococcus	25.2								8.38		15.4			1.46					
Haemophilus influenzae	4.54		2.19				2.35												
Klebsiella pneumoniae	312	23.2			22	36	123		55.7								52.2		
Morganella spp.	2.14						0.16	0.081	1.9										
Mycobacterium tuberculosis	29.8									3.86			19.2			3.35			3.32
Proteus spp.	29.8	0.513	4.6				9.72		10.7								4.22		
Pseudomonas aeruginosa	330	11.7		3.34		231	13.8	1.59	68.4										
Salmonella Typhi	3.35								3.08			0.269							
Non-typhoidal Salmonella	0.582								0.582										
Serratia spp.	33.1	1.79		7.5		4.72	10	5.33	3.72										
Shigella spp.	5.5								5.5										
Staphylococcus aureus	507								15.6		47.5		433				4.73	6.56	
Streptococcus pneumoniae	334				9.9	163	0.678		7.48		60.9			19.6			73.1		
All pathogens	3,050	104	29.3	44.3	98.4	748	340	29.7	743	3.86	128	0.269	19.2	433	21.1	3.35	248	56.6	3.32
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB



DALYs

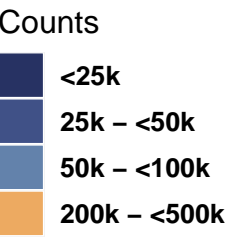
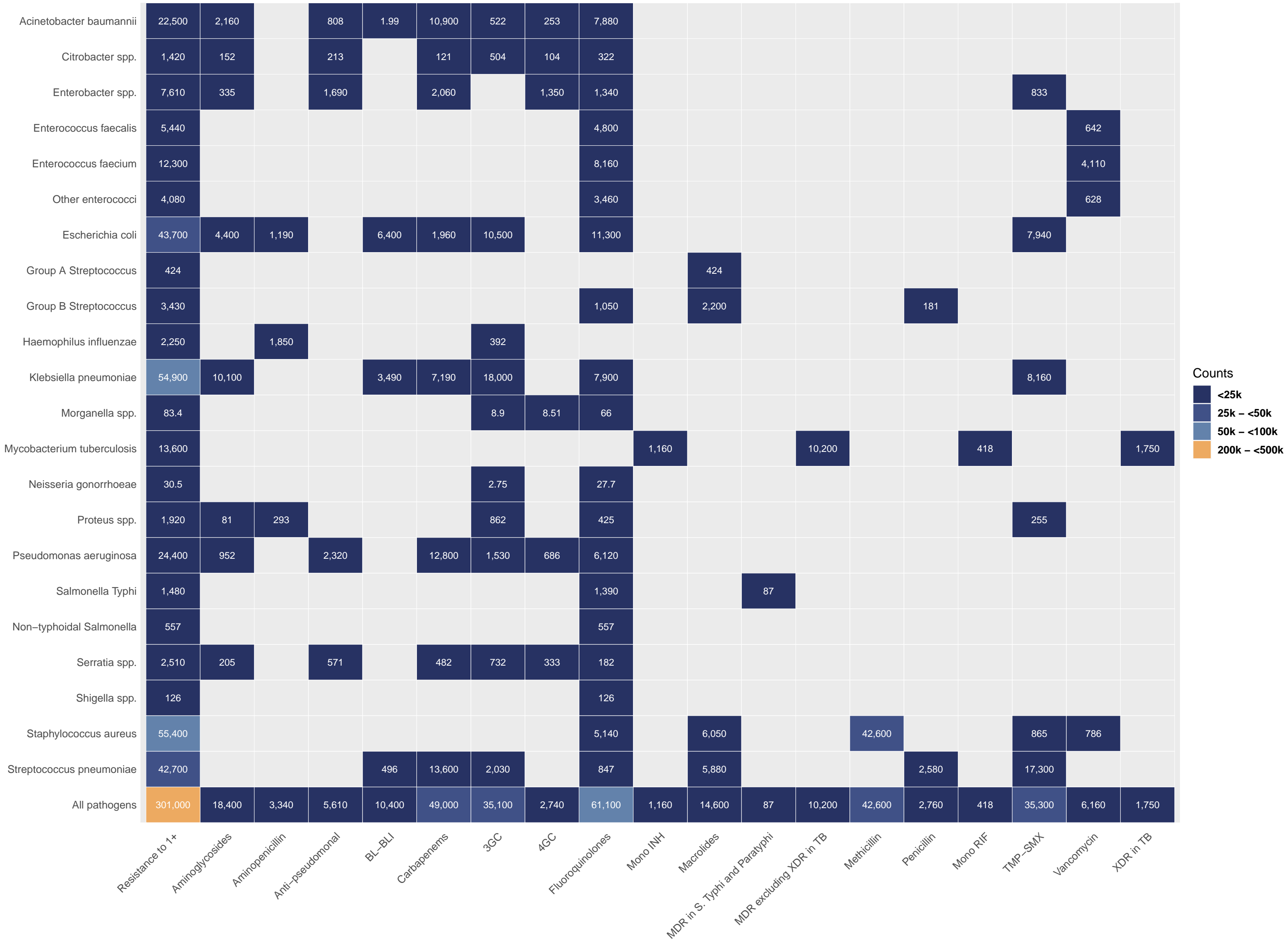
Andean Latin America

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



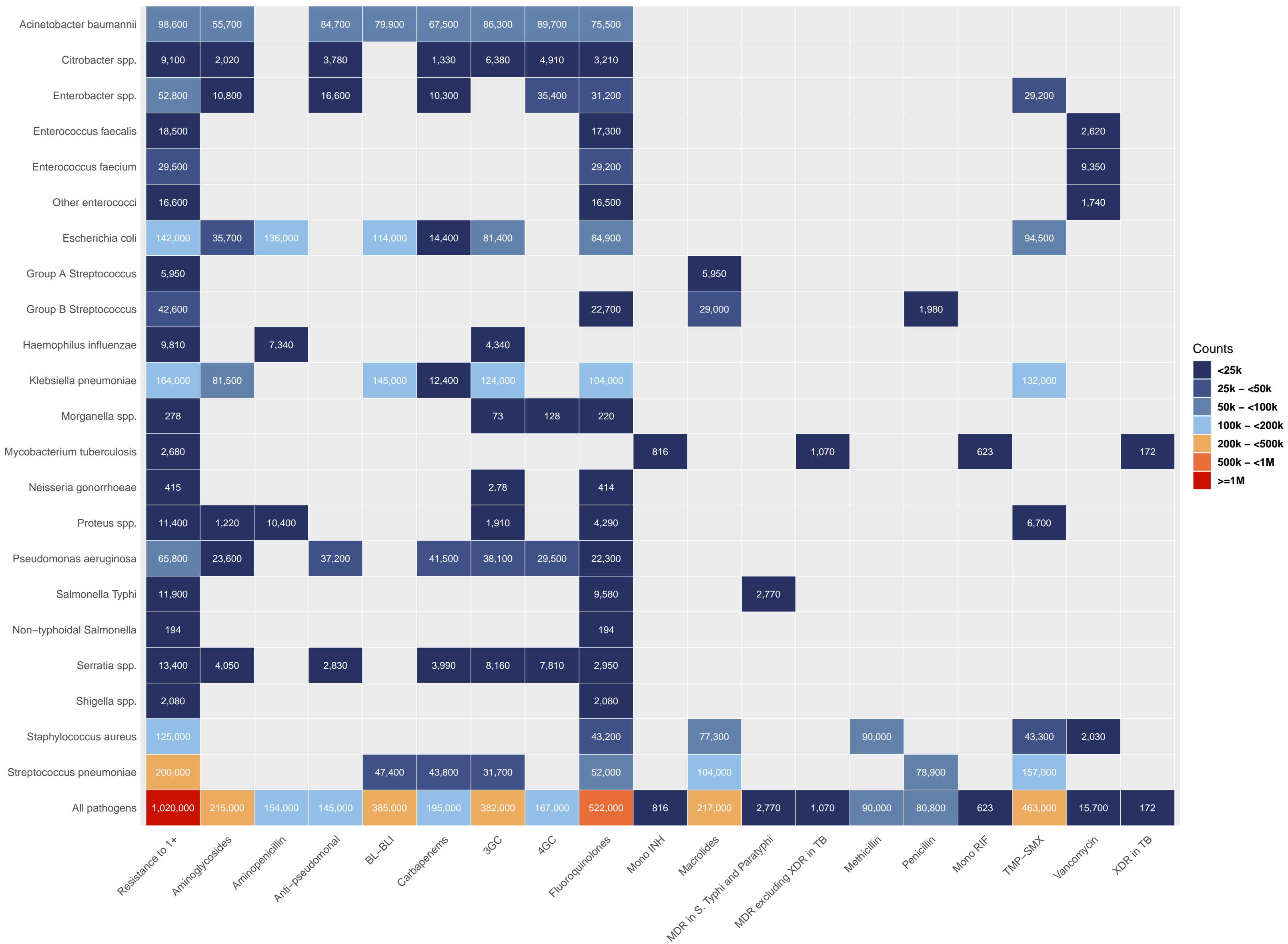
Andean Latin America

DALYs (count) *attributable* to bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Caribbean

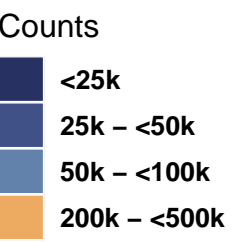
DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Caribbean

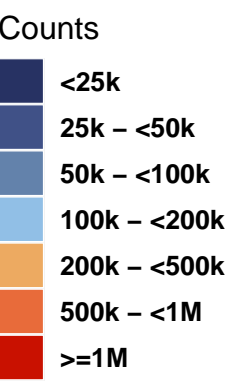
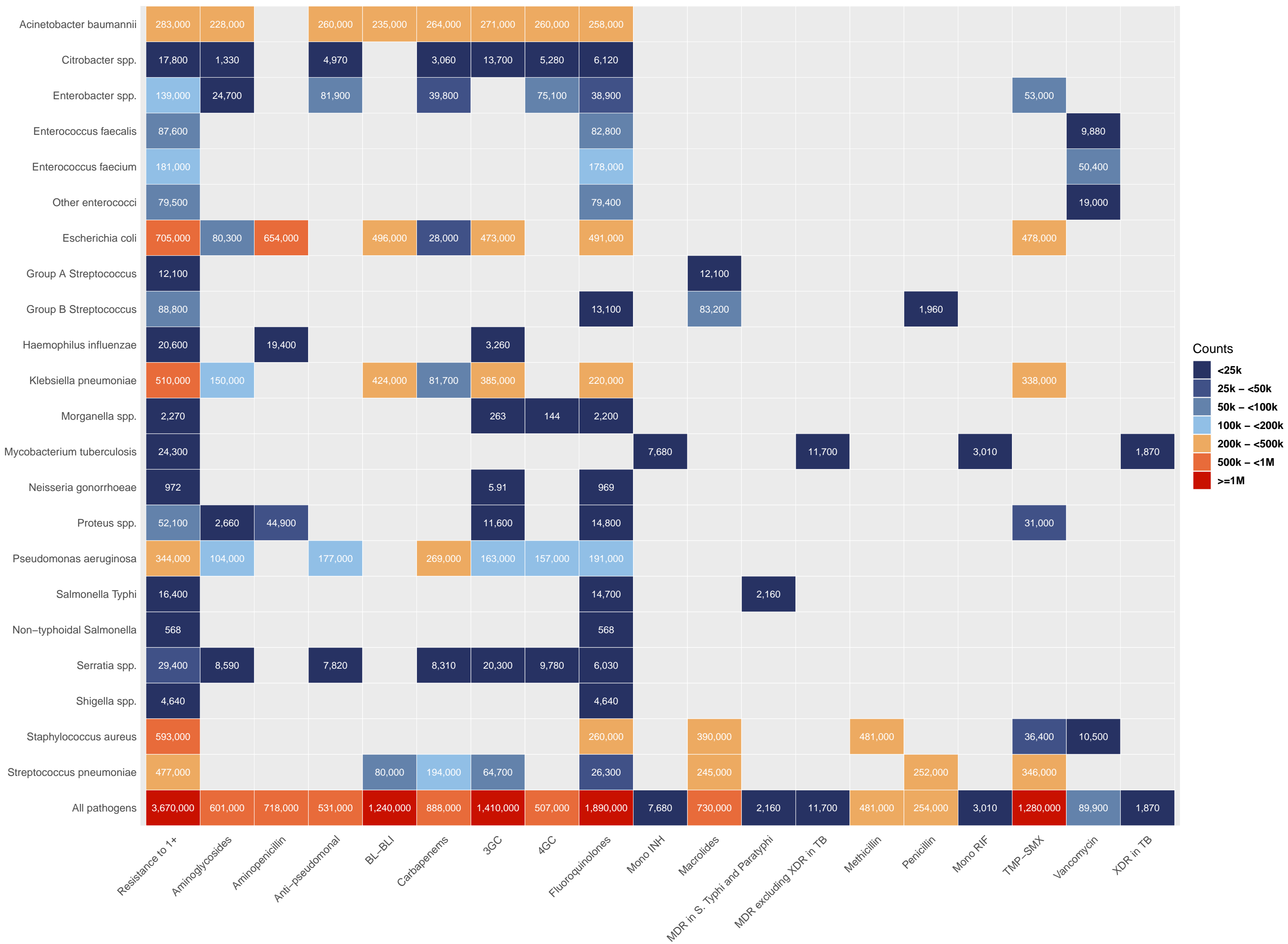
DALYs (count) *attributable* to bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	30,600	2,450		4,620	257	11,400	1,240	1,060	9,600										
Citrobacter spp.	2,590	117		749		327	440	486	468										
Enterobacter spp.	12,500	596		1,540		2,300		2,780	3,770								1,530		
Enterococcus faecalis	5,070								4,240									821	
Enterococcus faecium	7,680								5,500									2,180	
Other enterococci	3,450								3,140									316	
Escherichia coli	36,200	2,110	1,460		4,790	3,060	10,800		8,650								5,330		
Group A Streptococcus	570										570								
Group B Streptococcus	7,090								4,050		2,690				353				
Haemophilus influenzae	2,290		1,040					1,260											
Klebsiella pneumoniae	42,700	5,940			3,320	3,220	17,000		6,850								6,360		
Morganella spp.	64.5							5.72	21.7	37									
Mycobacterium tuberculosis	979									122				591		166			101
Neisseria gonorrhoeae	40.7							0.822		39.8									
Proteus spp.	1,330	63	248					451		308								257	
Pseudomonas aeruginosa	16,500	684		3,290		8,150	1,480	514	2,360										
Salmonella Typhi	2,300								1,960				347						
Non-typhoidal Salmonella	37.2								37.2										
Serratia spp.	3,490	231		513		1,070	562	815	306										
Shigella spp.	423								423										
Staphylococcus aureus	32,600								1,870		2,860			23,200			4,170	523	
Streptococcus pneumoniae	40,300				1,370	9,040	1,650		6,470		3,900			4,820			13,000		
All pathogens	249,000	12,200	2,750	10,700	9,740	38,600	34,900	5,680	60,100	122	10,000	347	591	23,200	5,180	166	30,700	3,840	101
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB



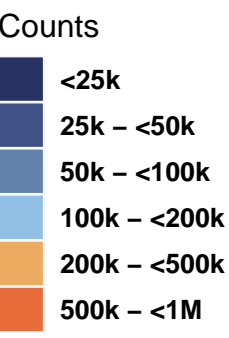
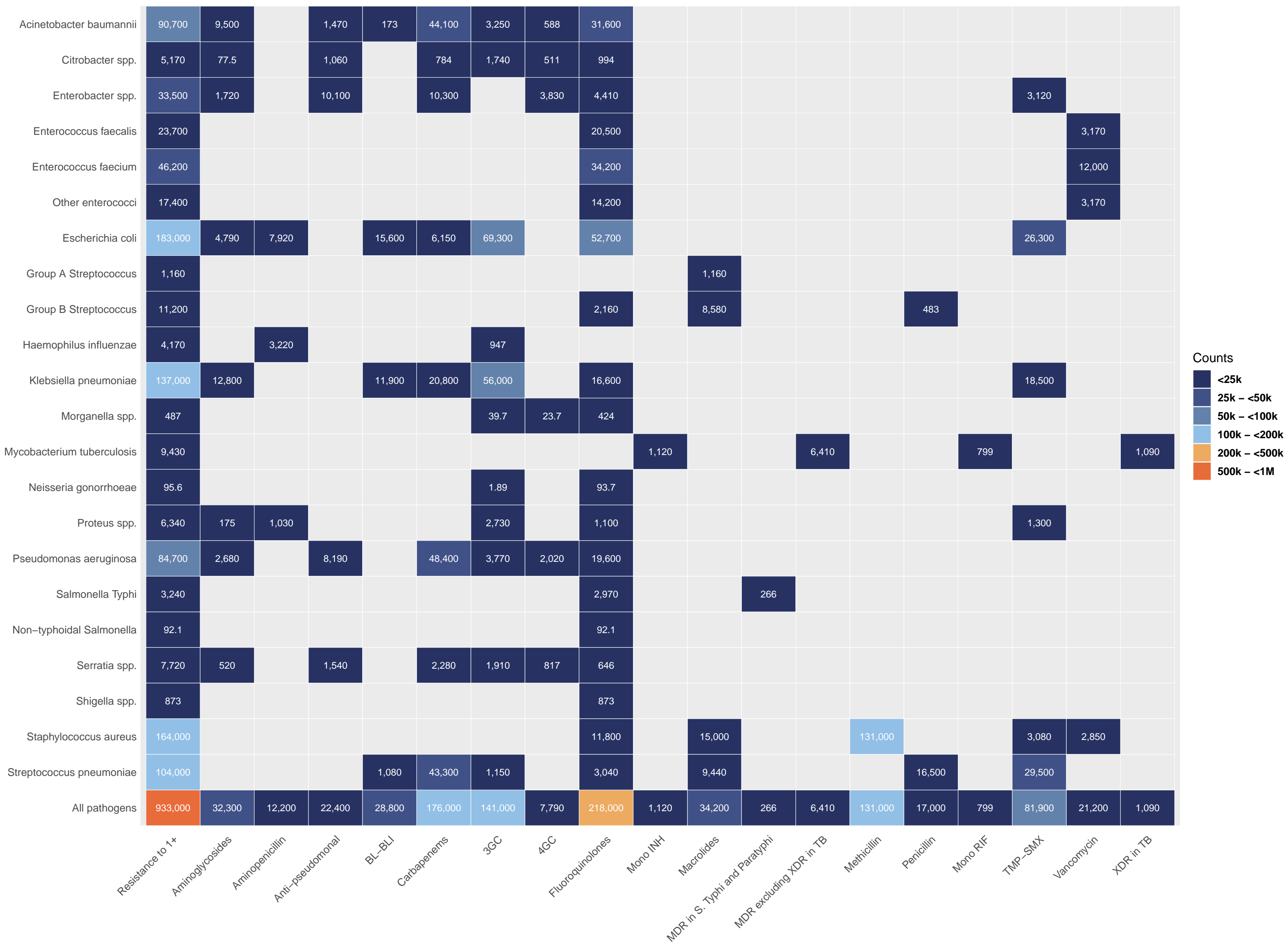
Central Latin America

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



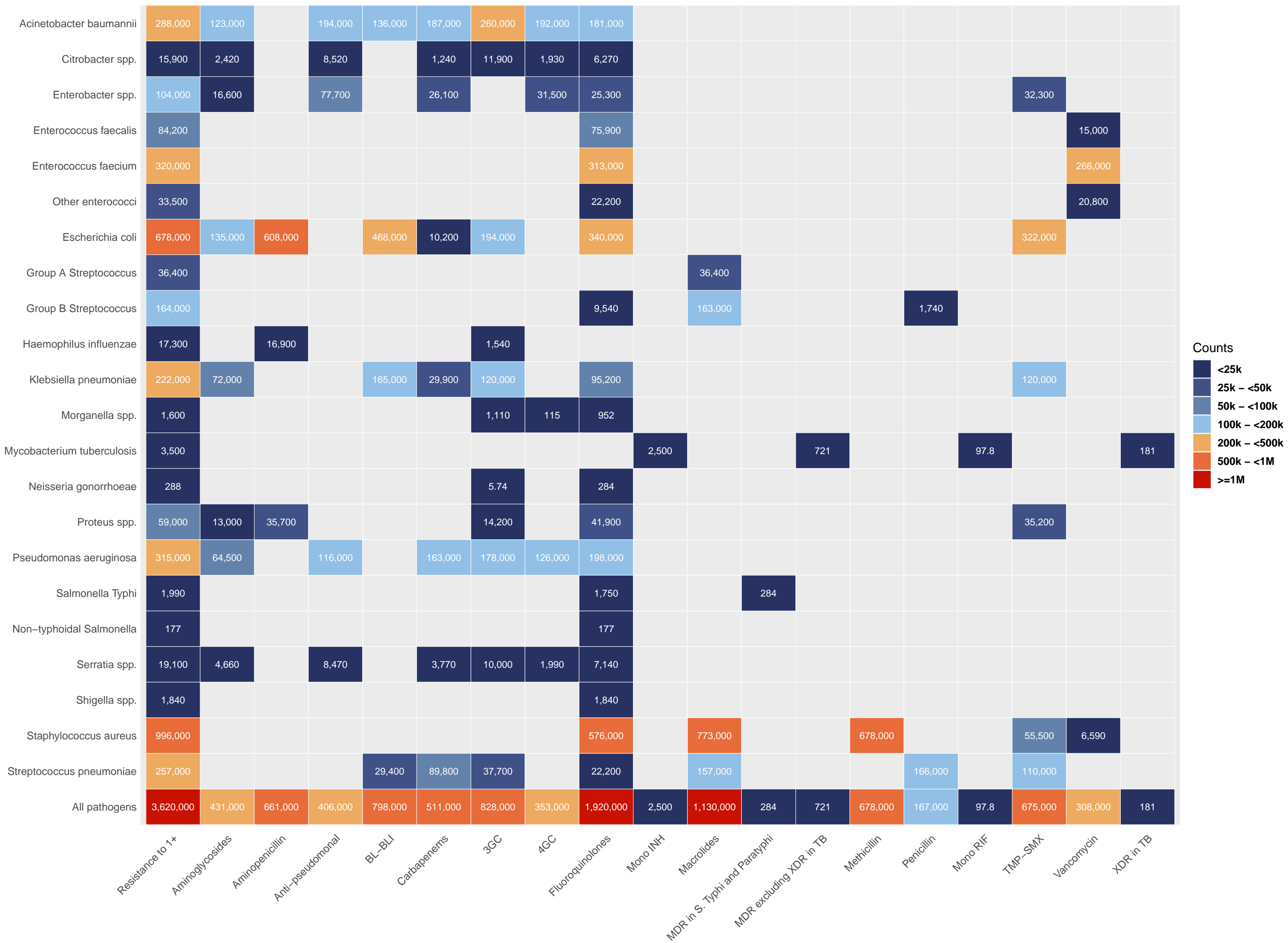
Central Latin America

DALYs (count) *attributable* to bacterial antimicrobial resistance by pathogen–drug combinations, 2019



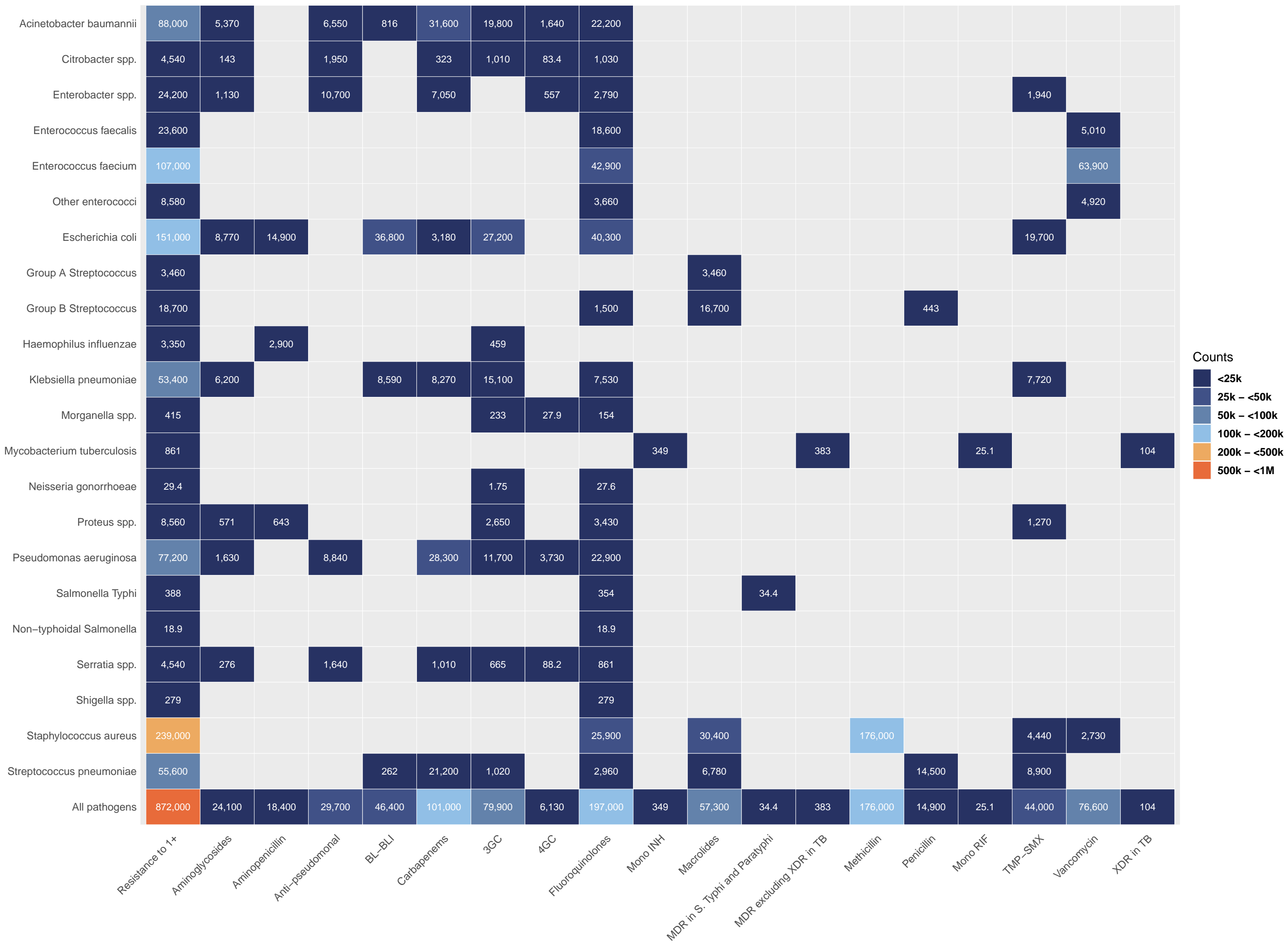
High-income North America

DALYs (count) associated with bacterial antimicrobial resistance by pathogen-drug combinations, 2019



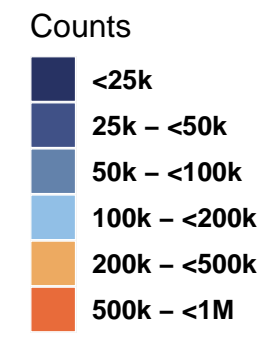
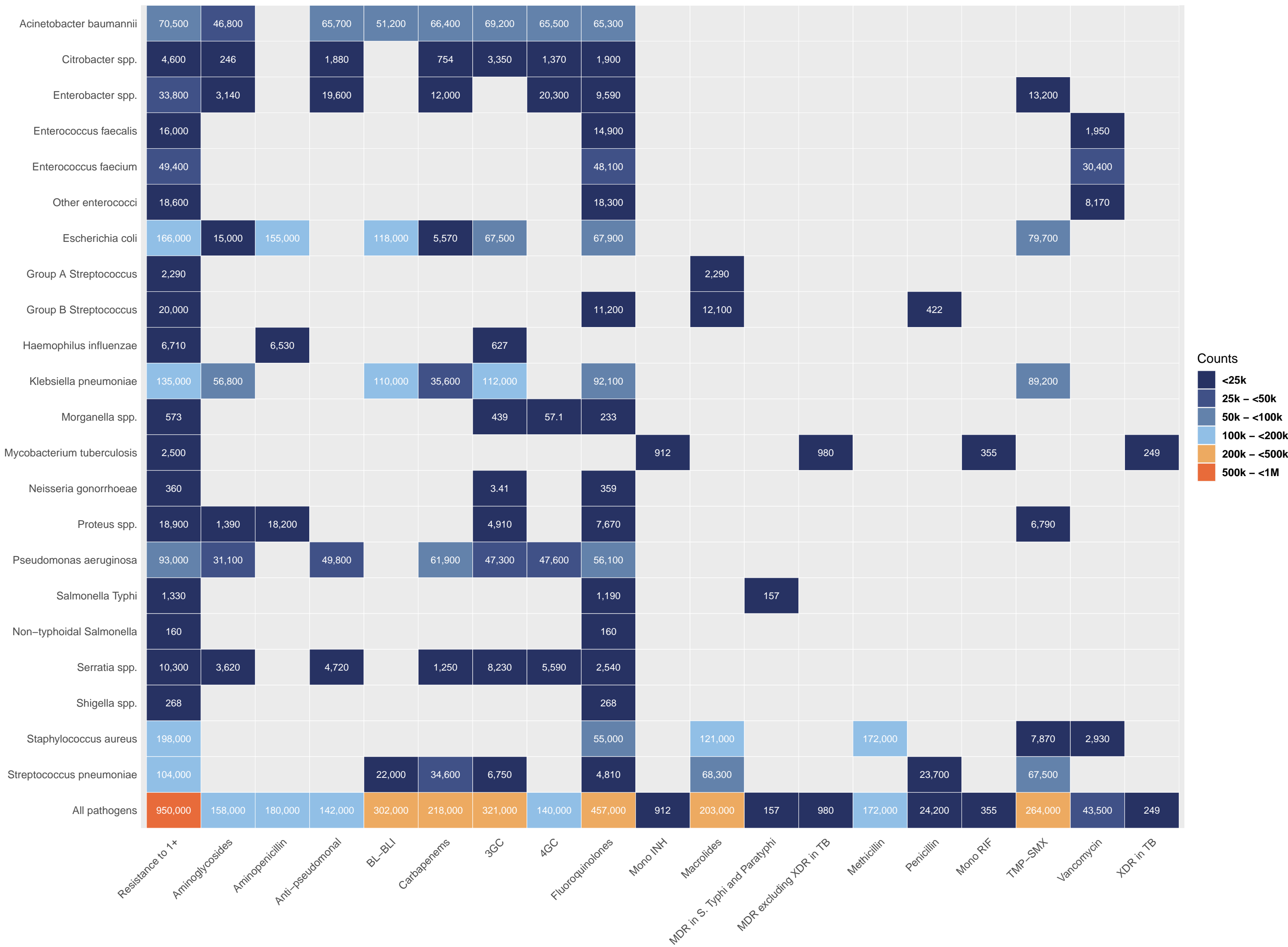
High-income North America

DALYs (count) attributable to bacterial antimicrobial resistance by pathogen-drug combinations, 2019



Southern Latin America

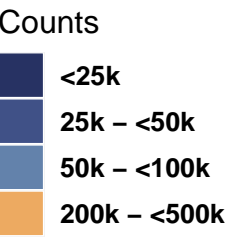
DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Southern Latin America

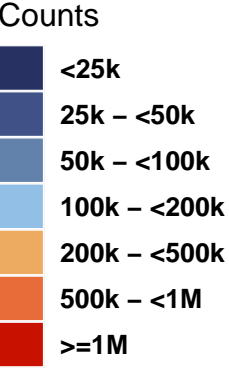
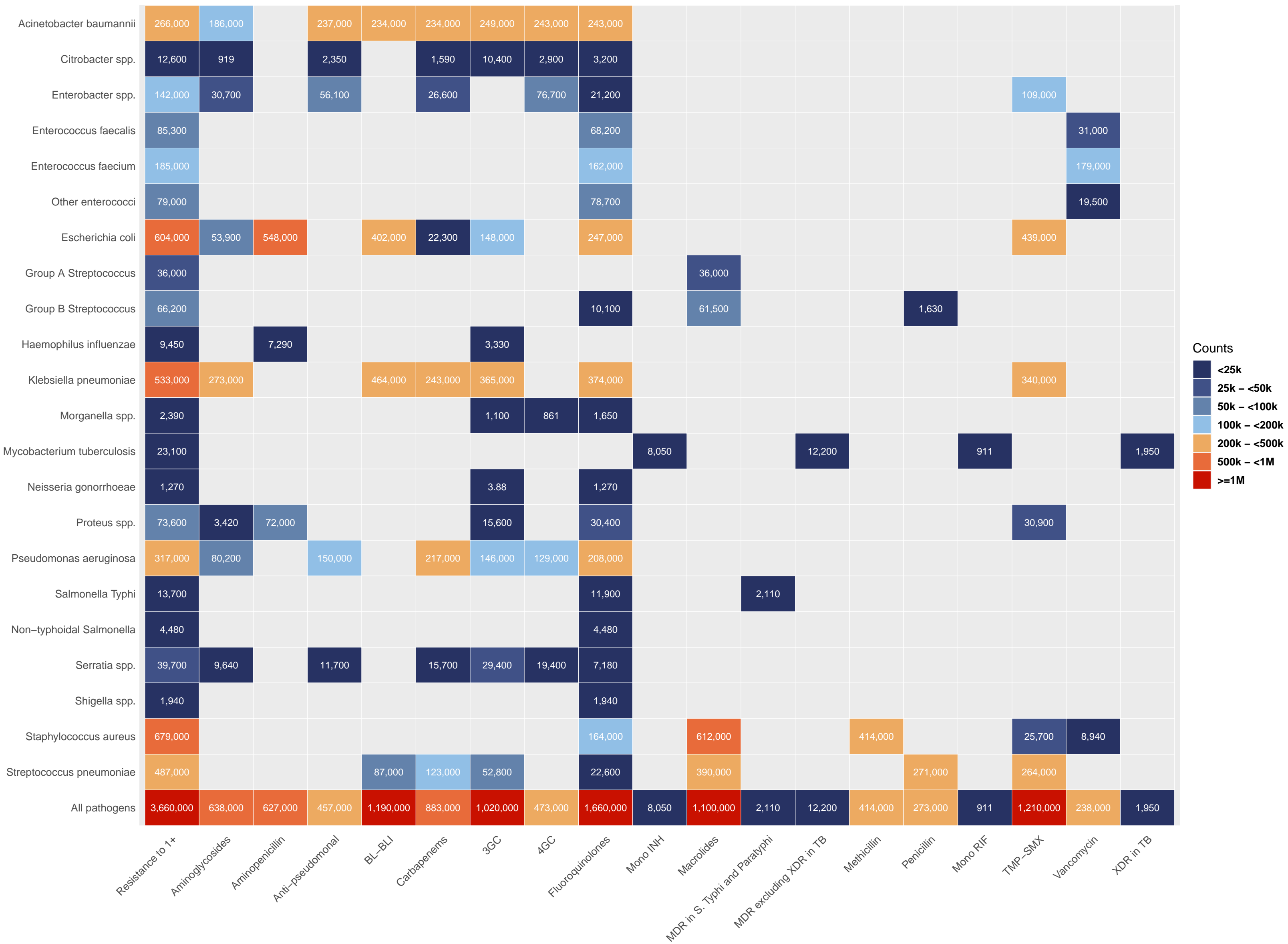
DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

Acinetobacter baumannii	22,700	1,950		399	2.27	11,300	724	160	8,170										
Citrobacter spp.	1,330	14.7		389		187	304	110	322										
Enterobacter spp.	8,450	207		2,250		3,180		1,010	1,030								767		
Enterococcus faecalis	4,350								3,700									658	
Enterococcus faecium	14,900								7,740									7,150	
Other enterococci	4,420								3,010									1,410	
Escherichia coli	38,100	1,070	3,590		8,500	1,510	10,900		7,560									4,990	
Group A Streptococcus	220										220								
Group B Streptococcus	3,320								2,070		1,160				93.6				
Haemophilus influenzae	1,310		1,120					189											
Klebsiella pneumoniae	38,700	4,510			2,030	7,820	13,200		6,760									4,430	
Morganella spp.	151							98.9	13.6	38.6									
Mycobacterium tuberculosis	917									134				542			94.2		147
Neisseria gonorrhoeae	35.7							0.933		34.8									
Proteus spp.	2,450	73.6	419					1,130		572								252	
Pseudomonas aeruginosa	22,900	782		3,310		10,800	1,130	896	5,980										
Salmonella Typhi	263								243				19.9						
Non-typhoidal Salmonella	25.6								25.6										
Serratia spp.	2,700	209		951		321	447	510	261										
Shigella spp.	40.6								40.6										
Staphylococcus aureus	57,400								2,650		4,750			48,500				660	780
Streptococcus pneumoniae	19,100				580	7,740	104		610		3,010				957			6,100	
All pathogens	244,000	8,810	5,130	7,310	11,100	42,900	28,200	2,700	50,800	134	9,130	19.9	542	48,500	1,050	94.2	17,200	9,990	147
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB



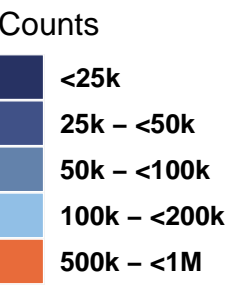
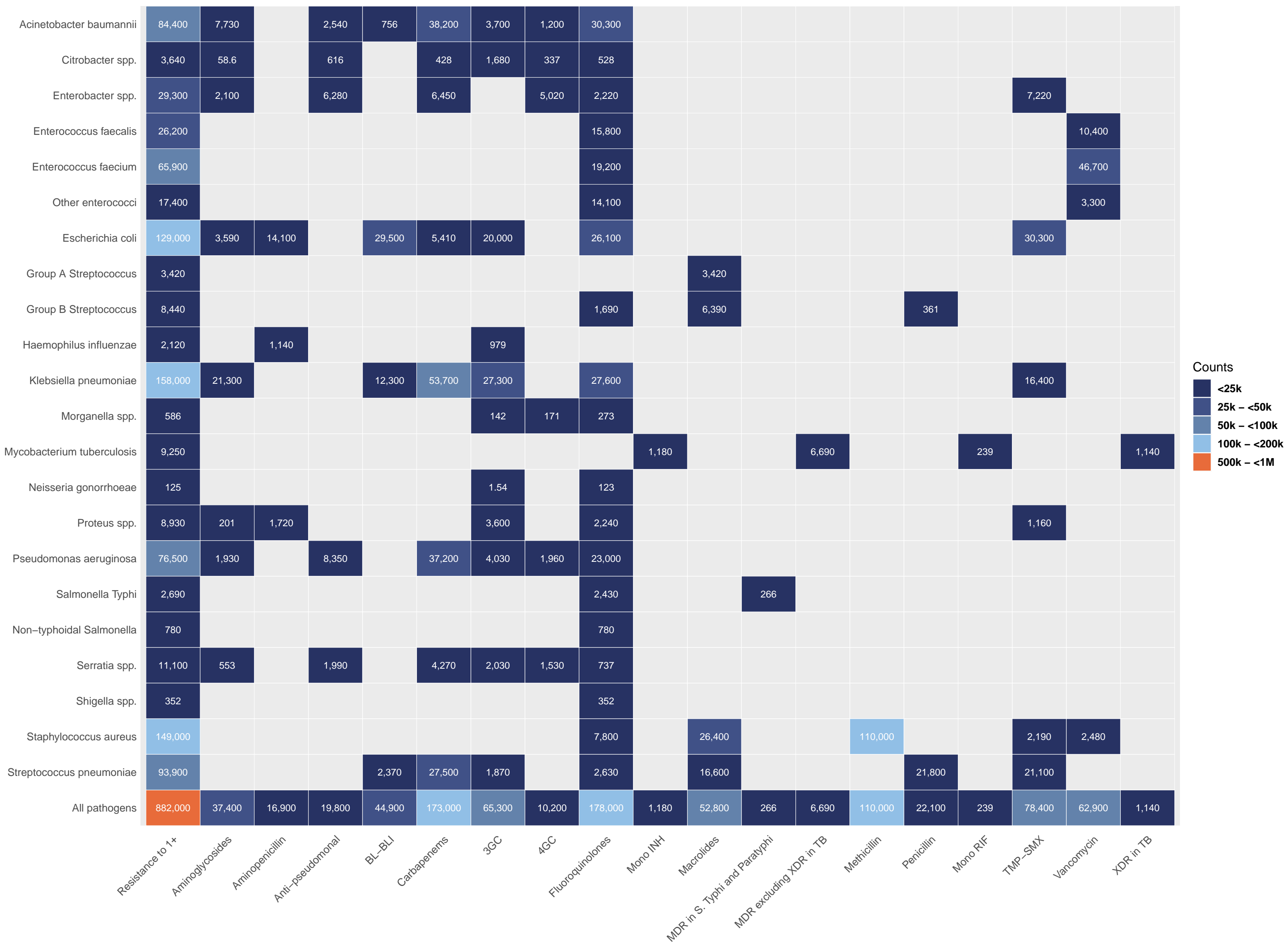
Tropical Latin America

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Tropical Latin America

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*



Antigua and Barbuda

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	198	136		184	161	167	176	170	195										
Citrobacter spp.	9.27	1.39		1.79		1.68	6.28	4.18	3.2										
Enterobacter spp.	71.5	14.4		26.9		17.9		31.9	28.8								47.9		
Enterococcus faecalis	25.8								24.6									3	
Enterococcus faecium	48.8								48.3									19.9	
Other enterococci	29.3								29.2									6.81	
Escherichia coli	165	17	155		130	13.5	84.2		96.6									111	
Group A Streptococcus	11.4										11.4								
Group B Streptococcus	18.5								4.51		16			0.762					
Haemophilus influenzae	3.48		2.8				1.13												
Klebsiella pneumoniae	126	29.9			103	13	83.1		72.2									102	
Morganella spp.	0.64						0.147	0.094	0.594										
Mycobacterium tuberculosis	0.36									0.077			0.225			0.027			0.031
Neisseria gonorrhoeae	0.774						0.005		0.773										
Proteus spp.	21	1.37	18.9				4.09		10.1									13.4	
Pseudomonas aeruginosa	89.8	31.4		38.6		67.5	36.5	30.6	53.9										
Salmonella Typhi	1.54								1.31			0.281							
Non-typhoidal Salmonella	0.476								0.476										
Serratia spp.	10.8	3.26		3.04		3.01	7.53	3.45	2.34										
Shigella spp.	0.214								0.214										
Staphylococcus aureus	166								49		104			143				31.8	3.09
Streptococcus pneumoniae	148				29.8	58.3	29.7		6.65		111			65.8				97.7	
All pathogens	1,150	235	177	255	423	342	429	240	628	0.077	243	0.281	0.225	143	66.6	0.027	404	32.8	0.031
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
<2.5k

Antigua and Barbuda

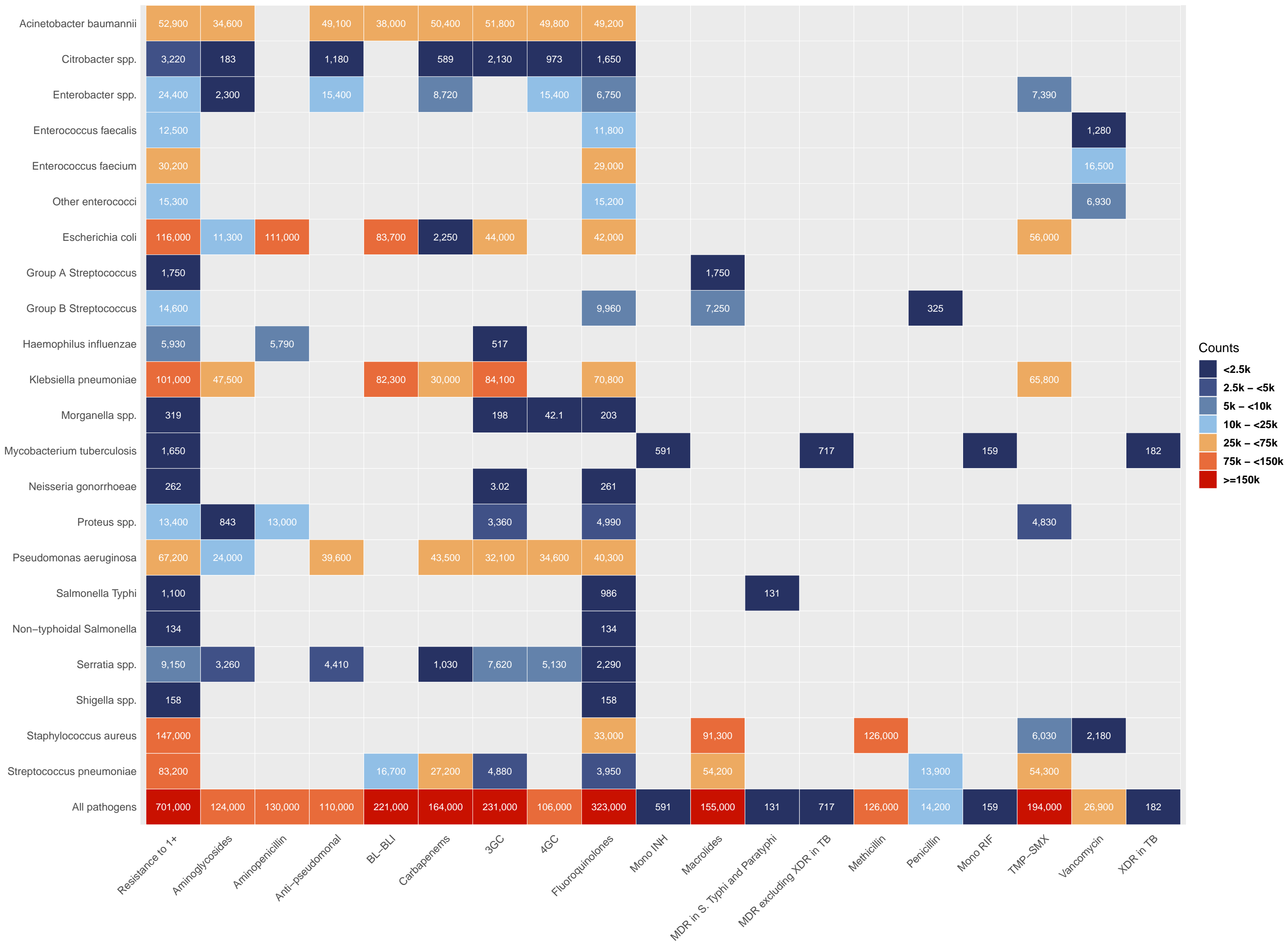
DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

Acinetobacter baumannii	63	5.71		3.17	0.142	27.1	1.39	0.2	25.3										
Citrobacter spp.	2.63	0.081		0.371		0.426	0.752	0.499	0.503										
Enterobacter spp.	15.9	0.906		2.73		4.34		1.61	3.31								3.03		
Enterococcus faecalis	6.96								6.04									0.919	
Enterococcus faecium	13.3								8.72									4.59	
Other enterococci	6.42								5.26									1.16	
Escherichia coli	41	1.06	1.84		6.38	3.02	11.7		10.4									6.59	
Group A Streptococcus	1.09										1.09								
Group B Streptococcus	2.56								0.778		1.62			0.154					
Haemophilus influenzae	0.77		0.439					0.331											
Klebsiella pneumoniae	31.5	2.5			3.09	3.43	11.6		5.19									5.73	
Morganella spp.	0.143							0.018	0.016	0.109									
Mycobacterium tuberculosis	0.111									0.008			0.083			0.006			0.014
Neisseria gonorrhoeae	0.076							0.001		0.075									
Proteus spp.	2.65	0.077	0.419					0.915		0.726								0.509	
Pseudomonas aeruginosa	21.3	0.796		1.6		11.8	1.04	0.326	5.77										
Salmonella Typhi	0.3								0.266			0.034							
Non-typhoidal Salmonella	0.078								0.078										
Serratia spp.	2.82	0.197		0.597		0.82	0.675	0.276	0.252										
Shigella spp.	0.034								0.034										
Staphylococcus aureus	48.2								2.21		3.86			38.7				2.72	0.736
Streptococcus pneumoniae	30.5				0.394	12.9	0.572		0.726		4.57				3.27			8.08	
All pathogens	291	11.3	2.7	8.47	10	63.8	29	2.92	75.7	0.008	11.1	0.034	0.083	38.7	3.43	0.006	26.6	7.4	0.014
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
<2.5k

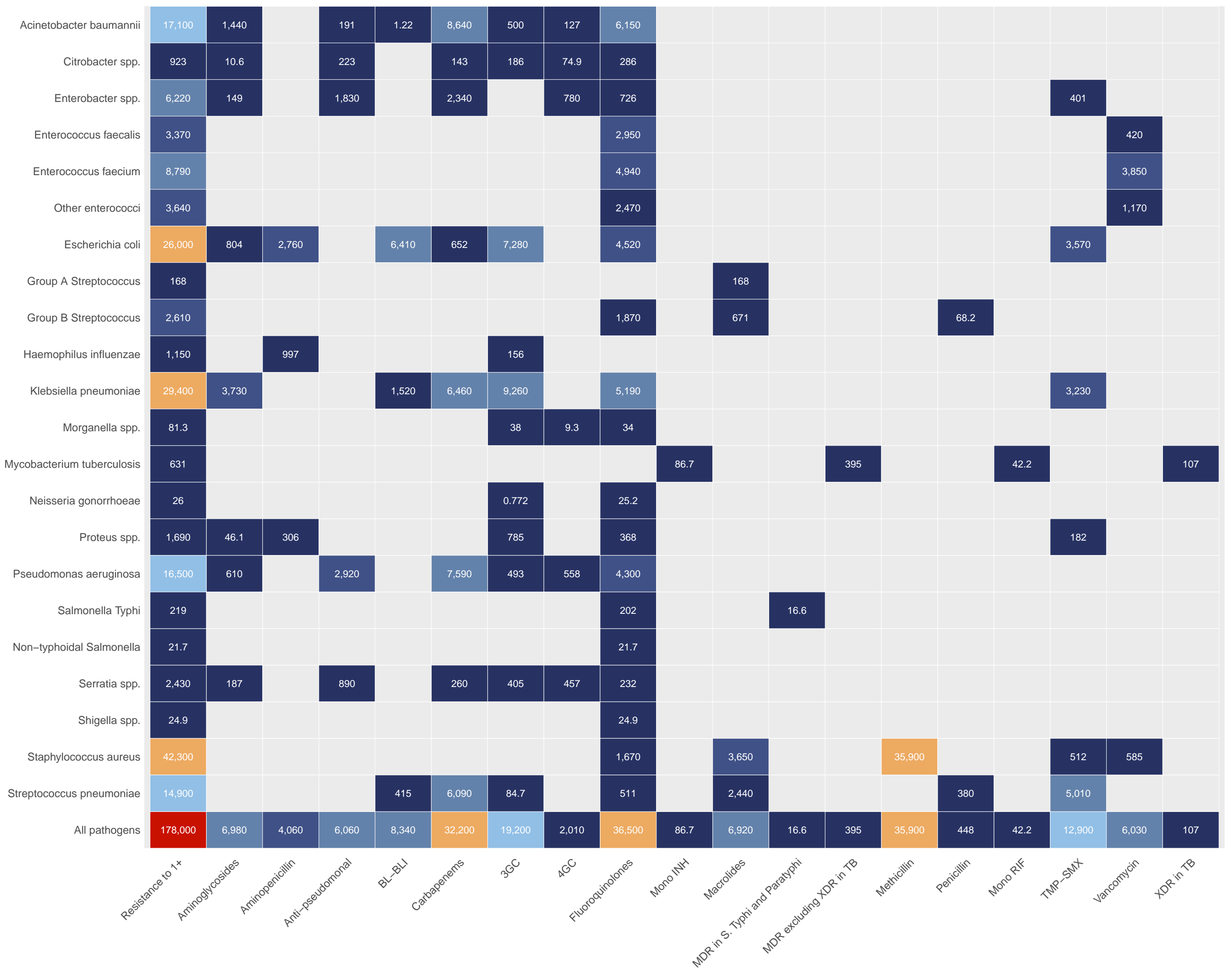
Argentina

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

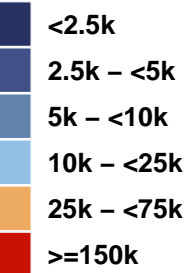


Argentina

DALYs (count) attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019



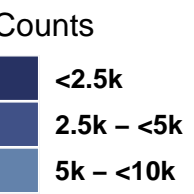
Counts



Barbados

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	486	320		442	360	407	406	399	479										
Citrobacter spp.	22.7	3.66		4.56		4.38	16.8	8.29	6.59										
Enterobacter spp.	181	33.9		62.3		46.9		78.9	77.7								120		
Enterococcus faecalis	145								136									19.1	
Enterococcus faecium	291								288									106	
Other enterococci	193								192									42.5	
Escherichia coli	1,220	107	1,120		895	86.6	639		789								805		
Group A Streptococcus	93.8										93.8								
Group B Streptococcus	117								31.8		97.9			5.1					
Haemophilus influenzae	14.2		11.9				4.01												
Klebsiella pneumoniae	794	164			631	77.4	592		429								597		
Morganella spp.	5.06						1.14	0.739	4.67										
Mycobacterium tuberculosis	1.05									0.463			0.434			0.09			0.066
Neisseria gonorrhoeae	2.4						0.018		2.4										
Proteus spp.	144	6.25	127				25.4		68.8								92.1		
Pseudomonas aeruginosa	505	159		225		363	205	175	302										
Salmonella Typhi	16.6								11.7			6.52							
Non-typhoidal Salmonella	1.96								1.96										
Serratia spp.	42.3	11.1		13.5		9.77	31.4	14	9.62										
Shigella spp.	0.448								0.448										
Staphylococcus aureus	1,200								360		755			1,040			185	23.9	
Streptococcus pneumoniae	564				115	216	193		24.5		418			181			360		
All pathogens	6,040	806	1,260	748	2,000	1,210	2,110	675	3,220	0.463	1,360	6.52	0.434	1,040	186	0.09	2,160	192	0.066
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB



Barbados

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

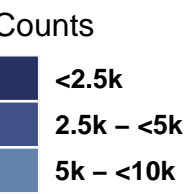
Acinetobacter baumannii	154	13.4		7.47	0.32	66	3.48	0.499	62.5										
Citrobacter spp.	6.54	0.225		0.992		1.14	2.24	0.92	1.02										
Enterobacter spp.	40.5	2.13		6.09		11.4		4.01	9.23								7.59		
Enterococcus faecalis	39.4								33.4									6	
Enterococcus faecium	77.5								53									24.5	
Other enterococci	42								34.8									7.22	
Escherichia coli	304	6.85	15.1		41.1	19	87.5		88									46.9	
Group A Streptococcus	8.99										8.99								
Group B Streptococcus	16.5								5.55		9.9			1.05					
Haemophilus influenzae	3.06		1.88					1.18											
Klebsiella pneumoniae	206	14.3			15.5	21.1	90.1		31.7									33.4	
Morganella spp.	1.14							0.144	0.127	0.87									
Mycobacterium tuberculosis	0.332									0.06			0.215			0.022			0.036
Neisseria gonorrhoeae	0.237							0.005	0.232										
Proteus spp.	17.7	0.398	2.9					5.82	5.05									3.57	
Pseudomonas aeruginosa	120	4.04		11.5		63.8	5.74	2.2	32.8										
Salmonella Typhi	3.07								2.3			0.764							
Non-typhoidal Salmonella	0.219								0.219										
Serratia spp.	11.2	0.679		2.79		2.65	2.82	1.19	1.05										
Shigella spp.	0.065								0.065										
Staphylococcus aureus	350								16.4		28.3			284				15.8	5.62
Streptococcus pneumoniae	117				0.946	48.5	11.3		2.69		17.7				5.65			30.2	
All pathogens	1,520	42	19.9	28.9	57.9	234	210	8.94	381	0.06	64.9	0.764	0.215	284	6.7	0.022	137	43.3	0.036
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 <2.5k

Belize

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	743	468		678	620	609	692	657	604										
Citrobacter spp.	56	3.91		17.8		8.89	38.1	25.7	22.3										
Enterobacter spp.	373	63.4		139		80		209	181								237		
Enterococcus faecalis	104								95.4									18.1	
Enterococcus faecium	200								199									65.7	
Other enterococci	125								125									5.96	
Escherichia coli	777	149	754		635	54.4	338		416								534		
Group A Streptococcus	37.6										37.6								
Group B Streptococcus	134								32.4		116				10.7				
Haemophilus influenzae	16.5		9.38					9.37											
Klebsiella pneumoniae	687	278			583	46.5	485		399								535		
Morganella spp.	2.71						0.591	0.532	2.47										
Mycobacterium tuberculosis	11.2									2.39			6.34			1.5			1.02
Neisseria gonorrhoeae	3.16							0.029	3.15										
Proteus spp.	75	4.46	66.7					13.2	23								49.3		
Pseudomonas aeruginosa	397	183		206		263	205	153	184										
Salmonella Typhi	19.7								17.2			2.99							
Non-typhoidal Salmonella	1.11								1.11										
Serratia spp.	63.7	20.4		20.9		16.7	38.7	20.3	22.8										
Shigella spp.	2.2								2.2										
Staphylococcus aureus	641								215		373			543				129	11.3
Streptococcus pneumoniae	840				184	218	139		45		397				376			667	
All pathogens	5,310	1,170	830	1,060	2,020	1,300	1,960	1,070	2,590	2.39	924	2.99	6.34	543	386	1.5	2,150	101	1.02
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB



Belize

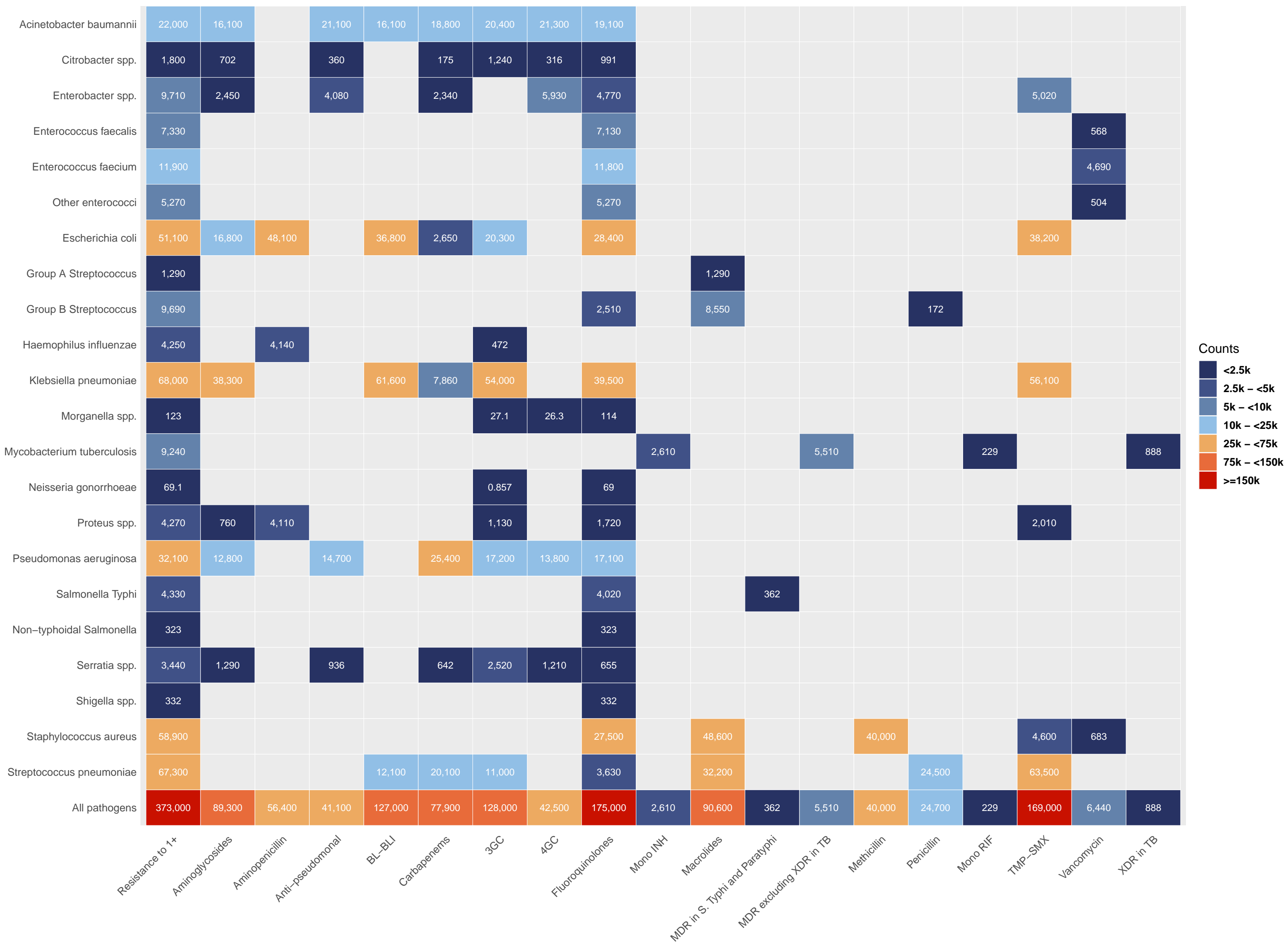
DALYs (count) *attributable* to bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	234	19.9		20.2	1.85	103	12.3	2.7	74.9										
Citrobacter spp.	15.9	0.21		3.53		2.19	3.57	2.77	3.63										
Enterobacter spp.	84.9	3.73		14		18.3		13.5	21.4								14		
Enterococcus faecalis	29.1								23.3									5.85	
Enterococcus faecium	52.4								37.2									15.3	
Other enterococci	25.3								24.2									1.09	
Escherichia coli	186	9.09	10		35.1	12	45.1		42.8								31.8		
Group A Streptococcus	3.58										3.58								
Group B Streptococcus	19								5.49		11.6			1.95					
Haemophilus influenzae	4.1		1.34				2.76												
Klebsiella pneumoniae	173	21			16.5	12.8	68		27.1								27.8		
Morganella spp.	0.607						0.066	0.089	0.452										
Mycobacterium tuberculosis	4.88									0.35			3.53			0.398			0.597
Neisseria gonorrhoeae	0.313						0.008		0.305										
Proteus spp.	8.66	0.276	1.57				3.15		1.64								2.03		
Pseudomonas aeruginosa	96.2	5.07		14.3		48.2	7.35	2.16	19.1										
Salmonella Typhi	3.93								3.55			0.377							
Non-typhoidal Salmonella	0.203								0.203										
Serratia spp.	16	1.19		3.85		4.38	2.59	1.41	2.58										
Shigella spp.	0.407								0.407										
Staphylococcus aureus	185								9.63		14		147				11.5	2.89	
Streptococcus pneumoniae	166				5.19	47.3	6.19		5.32		15.6			25.5			60.5		
All pathogens	1,310	60.4	12.9	56	58.7	248	151	22.6	303	0.35	44.7	0.377	3.53	147	27.5	0.398	148	25.1	0.597
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 <2.5k

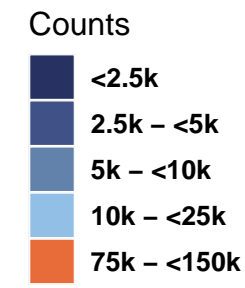
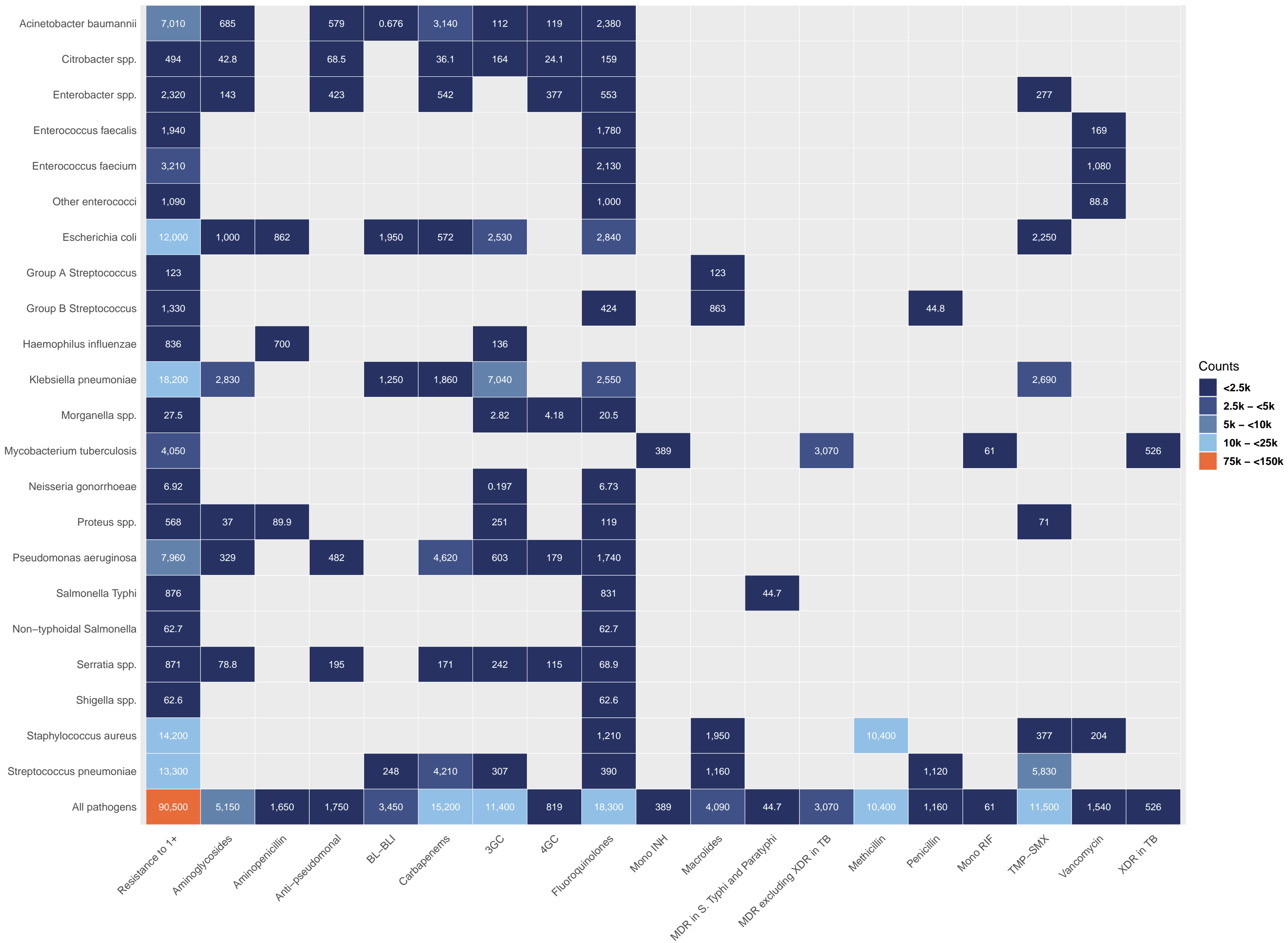
Bolivia

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



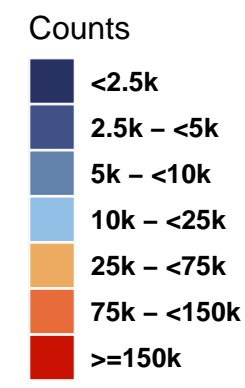
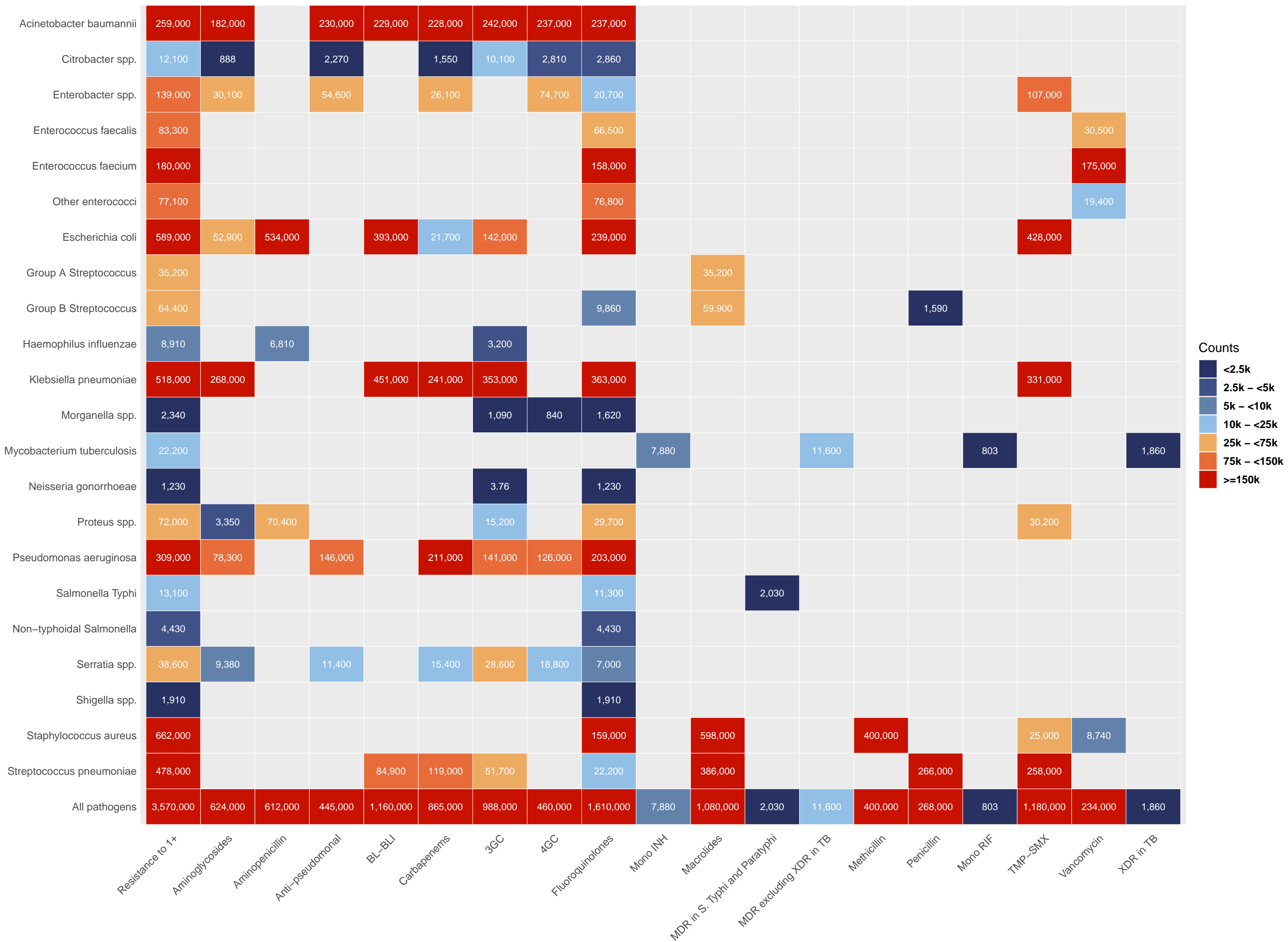
Bolivia

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*



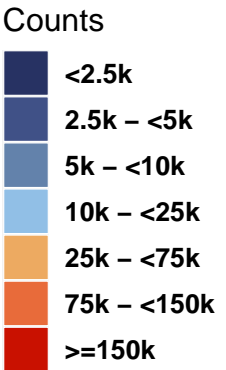
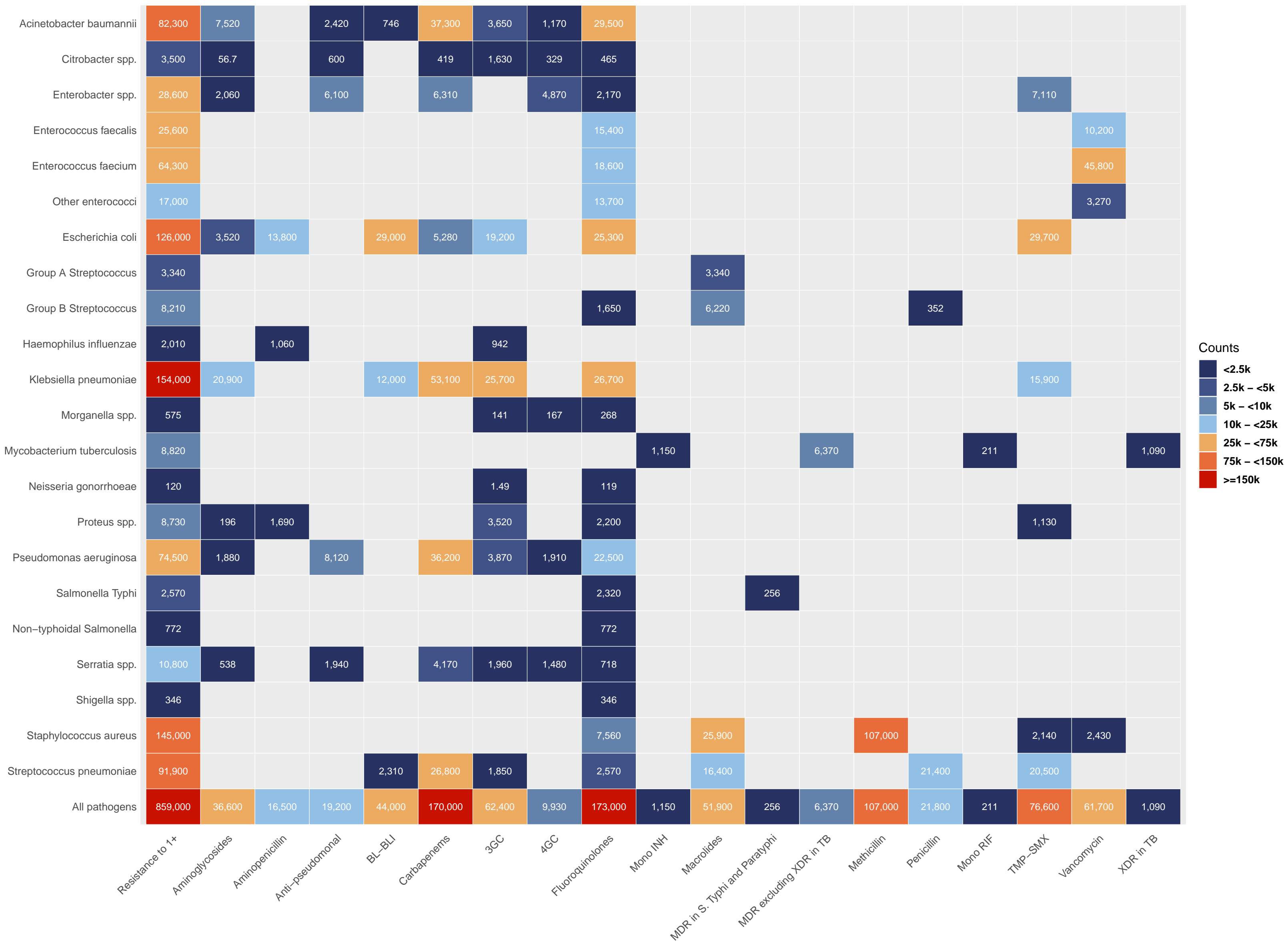
Brazil

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



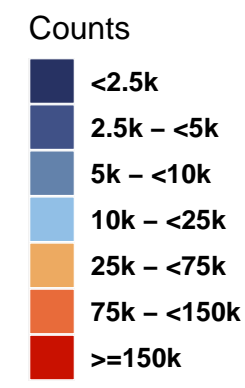
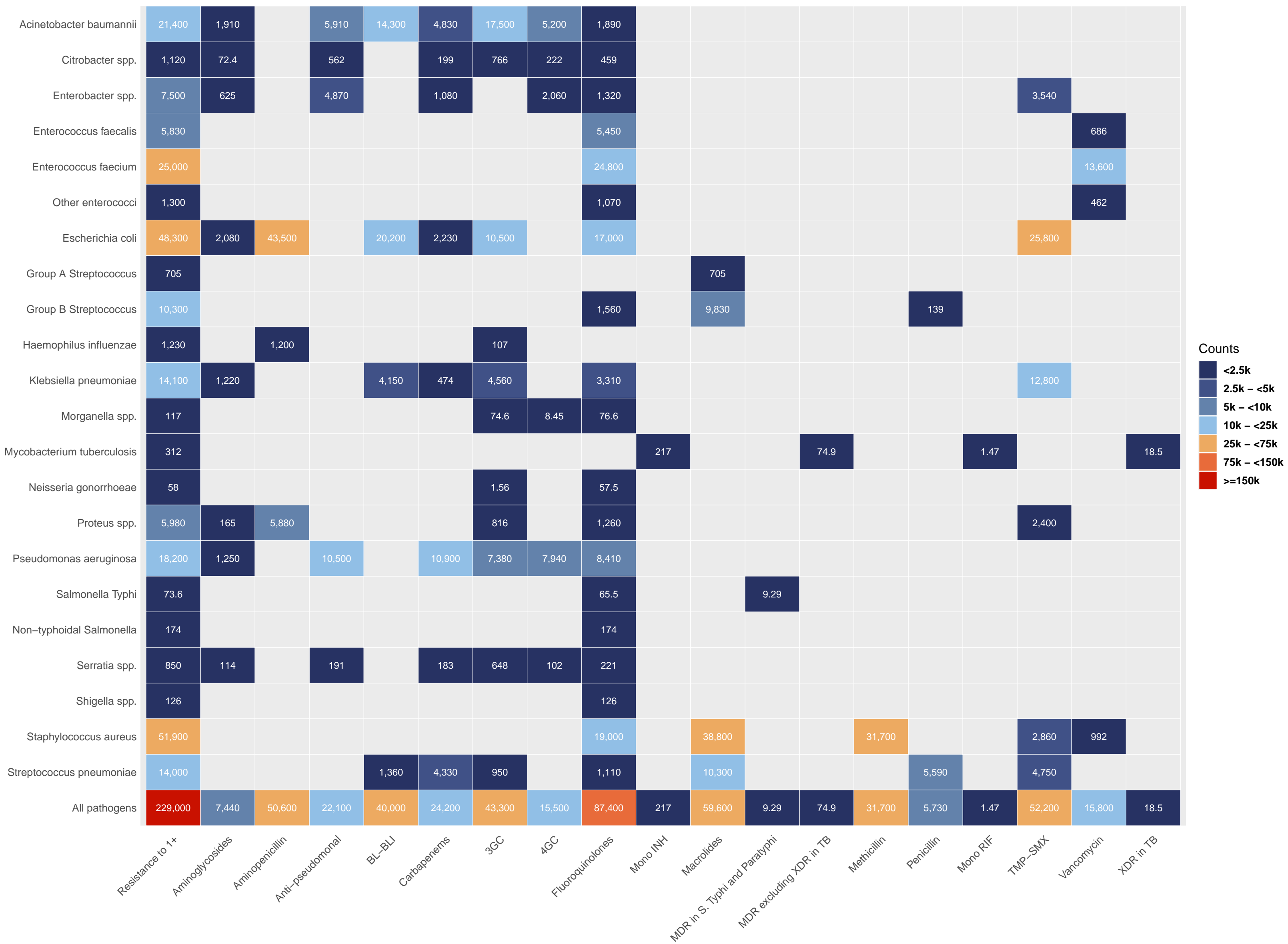
Brazil

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*



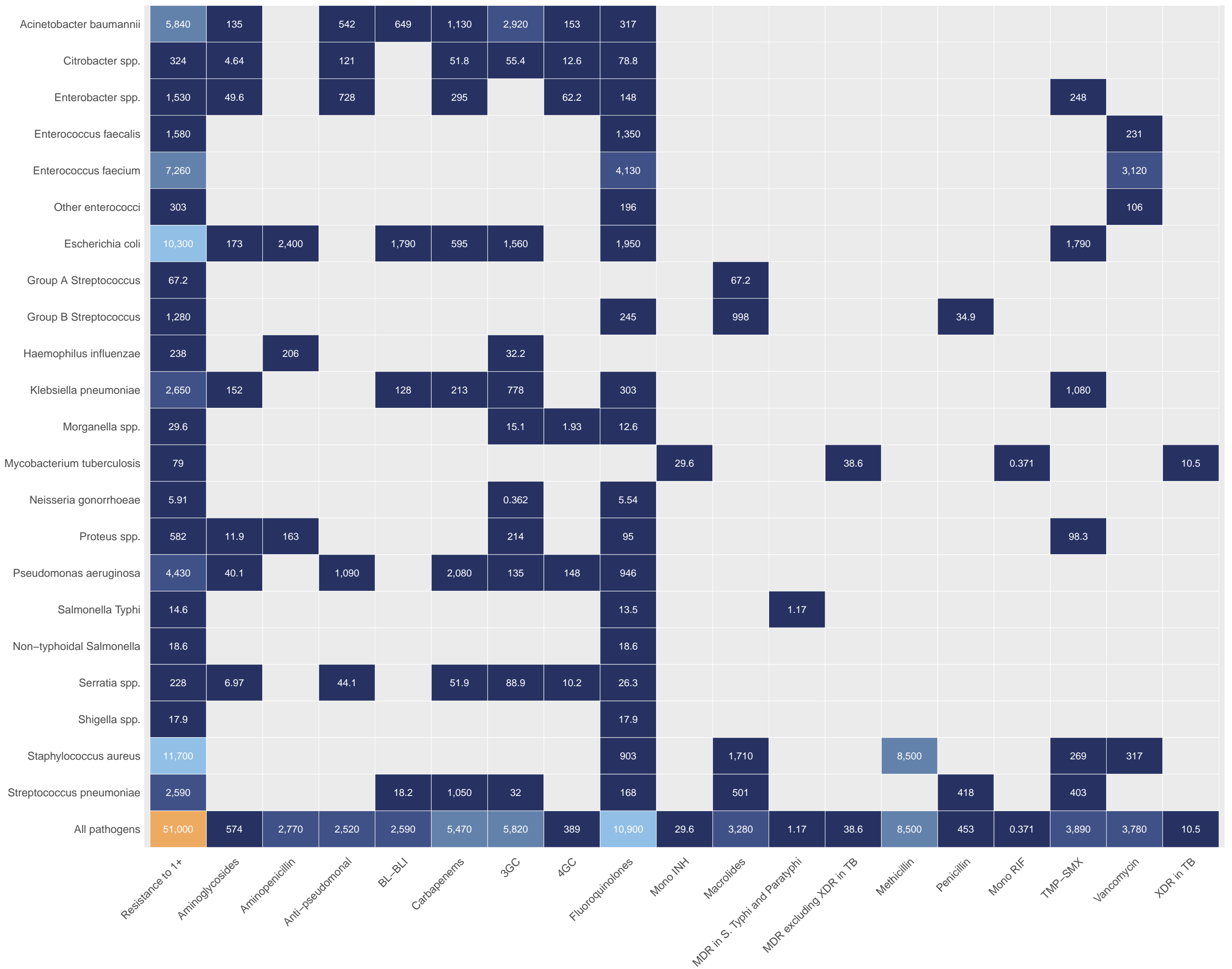
Canada

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

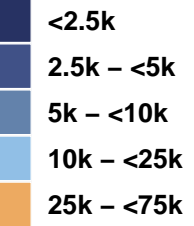


Canada

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

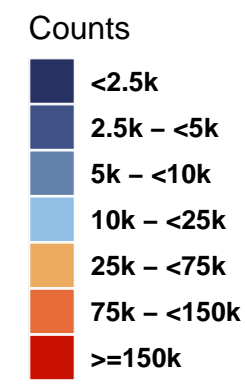
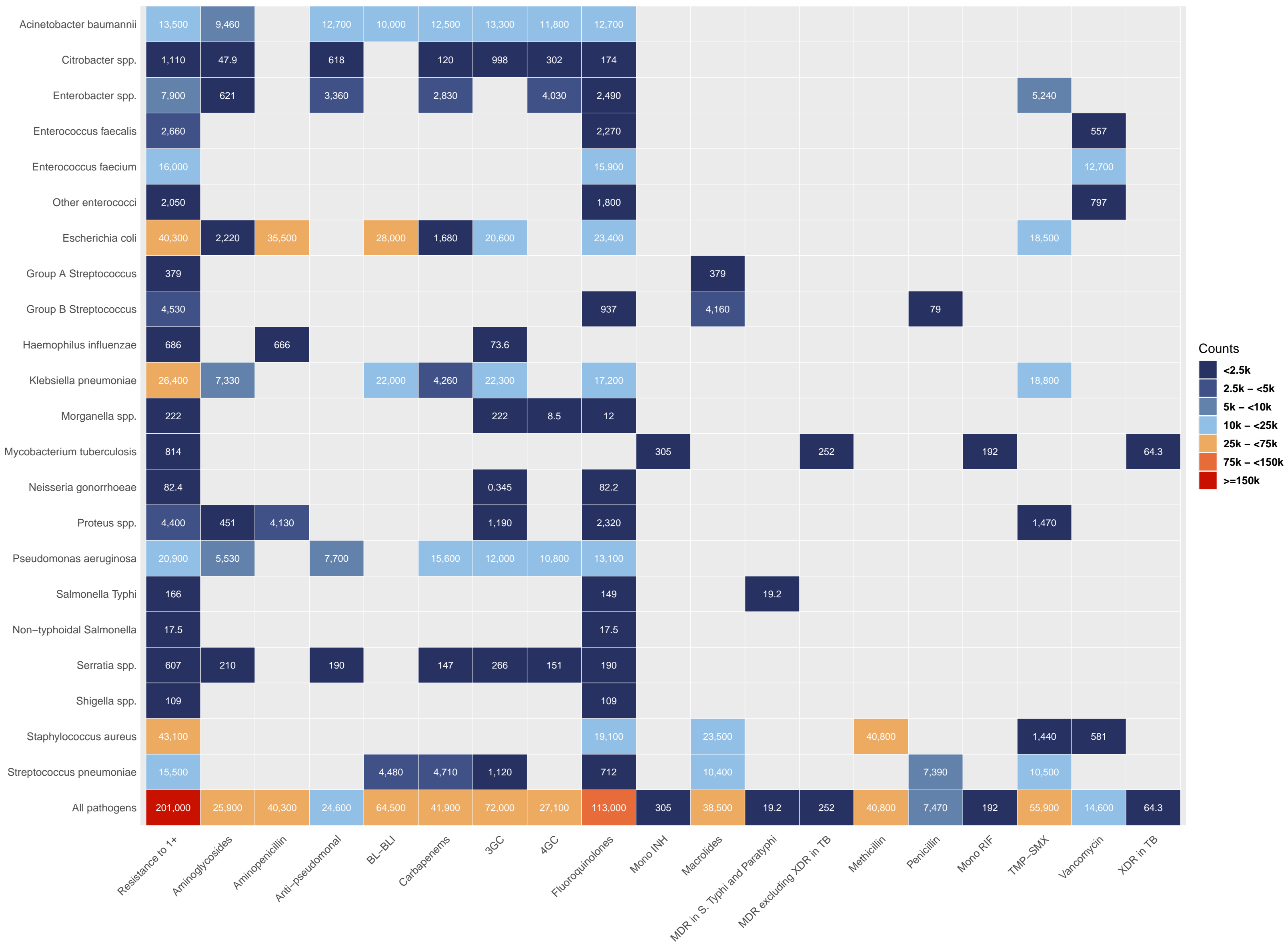


Counts



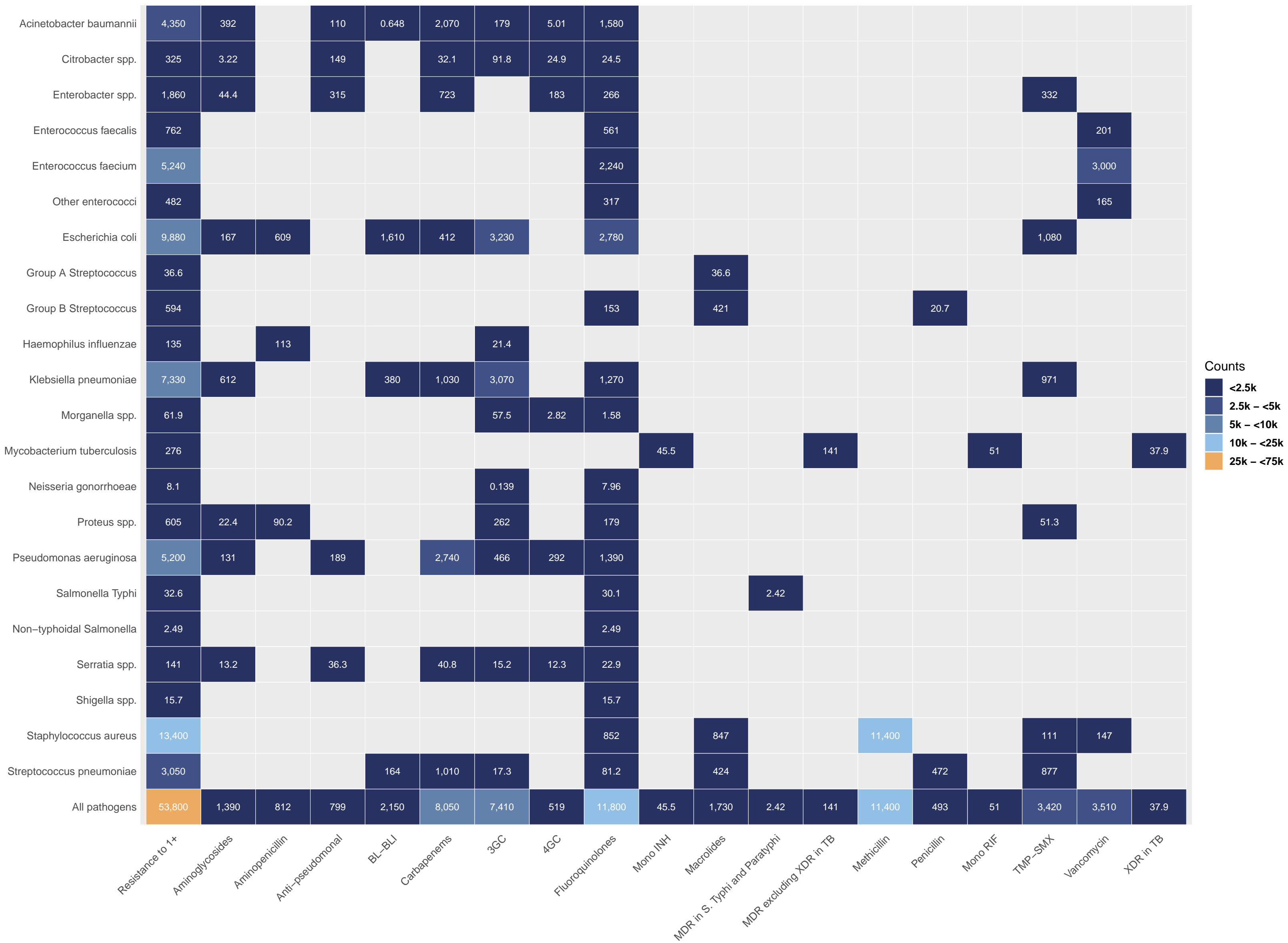
Chile

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

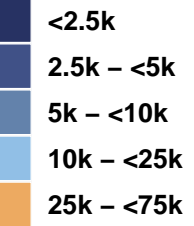


Chile

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

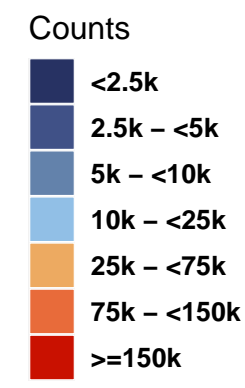
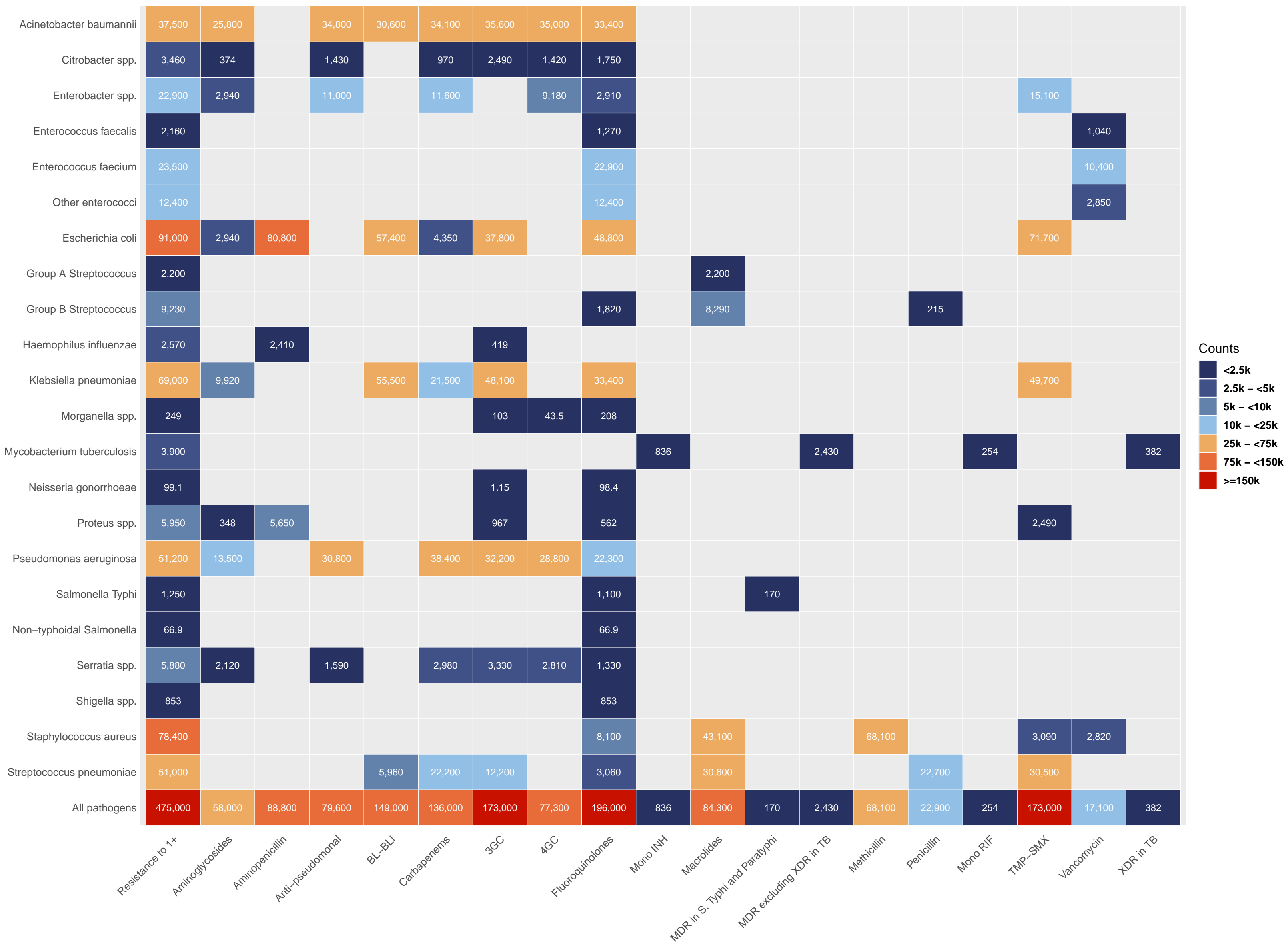


Counts



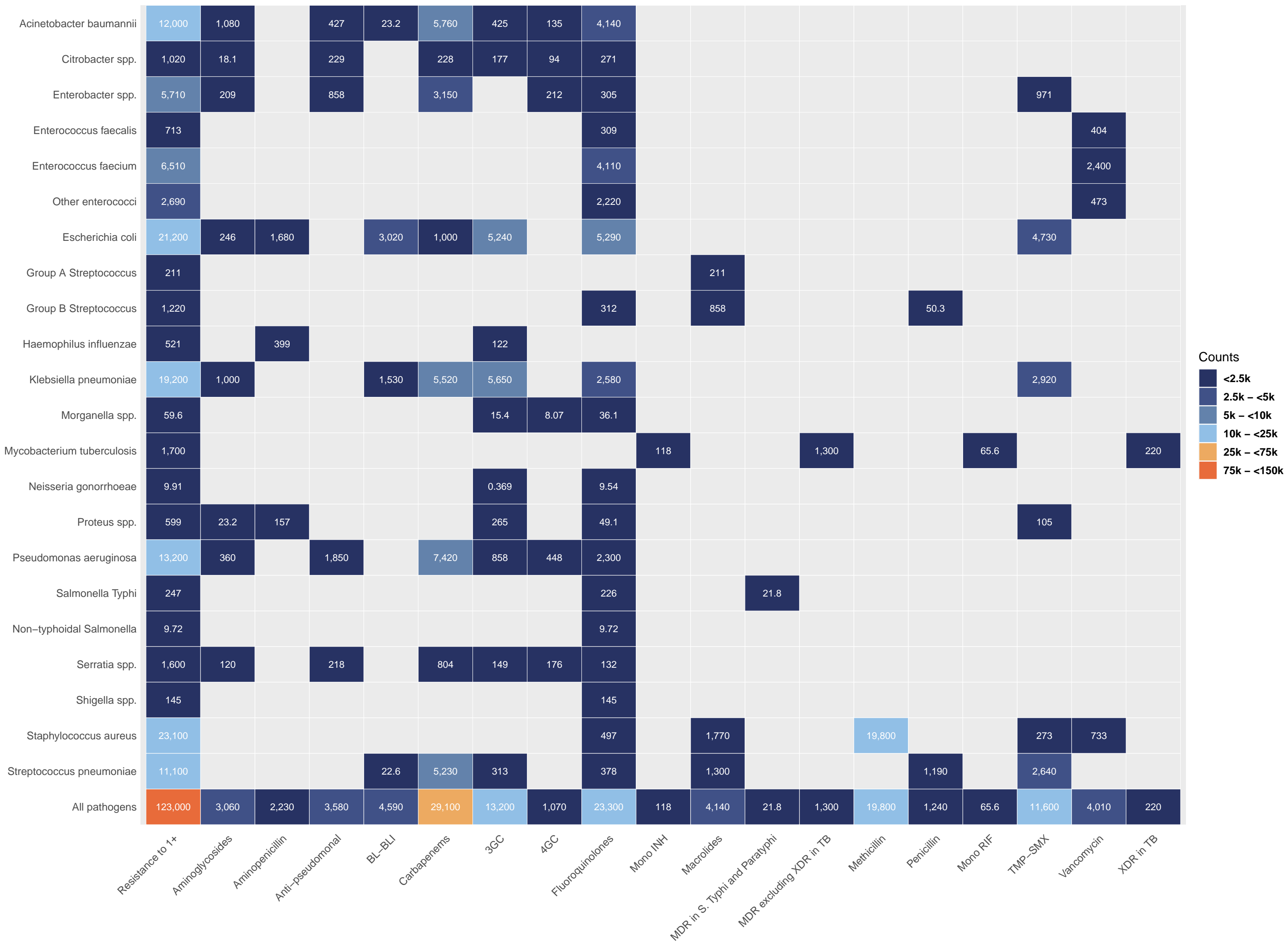
Colombia

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



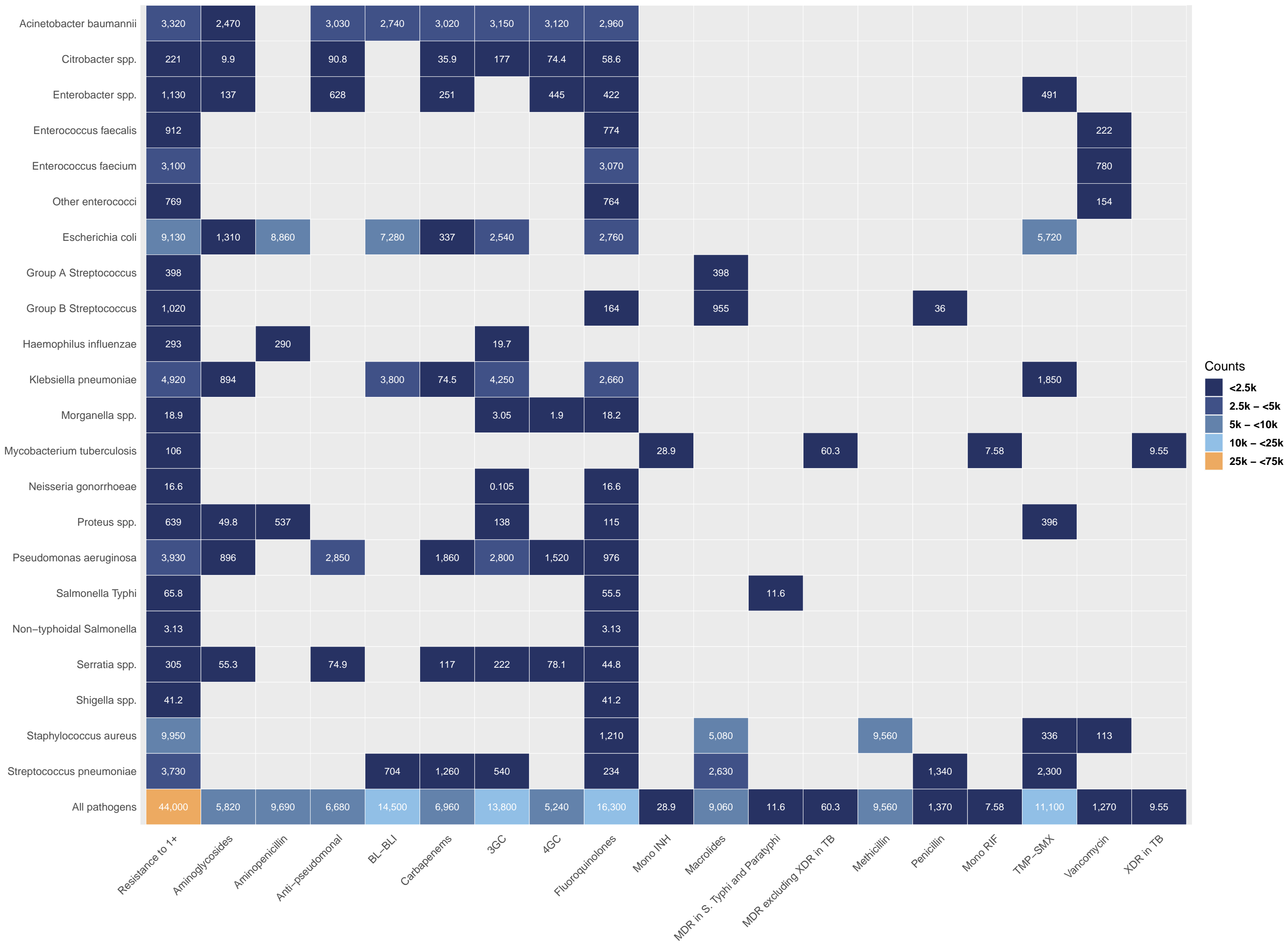
Colombia

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

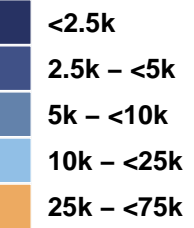


Costa Rica

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Counts

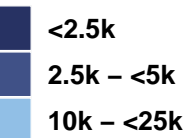


Costa Rica

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

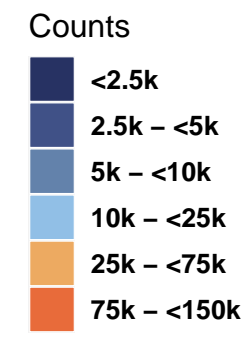
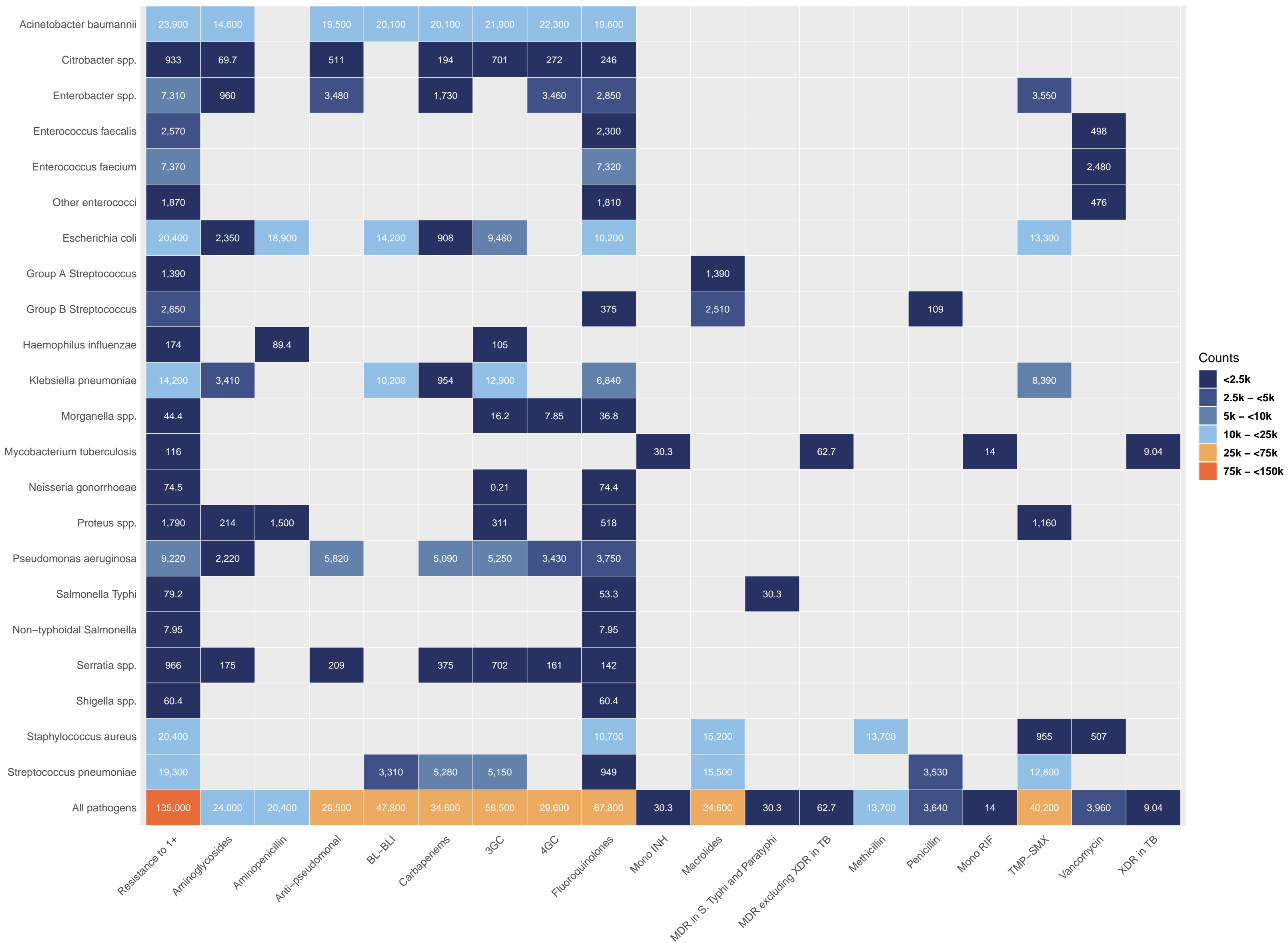
Acinetobacter baumannii	1,060	103		33.1	2.2	506	36.4	16.2	364										
Citrobacter spp.	64.4	0.63		20		9.47	18.1	6.96	9.16										
Enterobacter spp.	257	8.91		80.3		65.2		19.5	52.5								30.8		
Enterococcus faecalis	265								188									76.8	
Enterococcus faecium	782								596									185	
Other enterococci	166								140									26.8	
Escherichia coli	1,970	88.7	179		573	84	377		287								377		
Group A Streptococcus	37.9										37.9								
Group B Streptococcus	132								26.8		97.9			7.07					
Haemophilus influenzae	55.8		49.8				6.01												
Klebsiella pneumoniae	1,310	85.2			90.7	39.1	788		216								94.7		
Morganella spp.	4.11						0.382	0.298	3.43										
Mycobacterium tuberculosis	43.6									4.1			32.1			1.95			5.45
Neisseria gonorrhoeae	1.65						0.035		1.61										
Proteus spp.	75	3.03	12.6				33		8.85								17.5		
Pseudomonas aeruginosa	1,040	26.8		377		378	144	8.5	105										
Salmonella Typhi	12.7								11.2			1.47							
Non-typhoidal Salmonella	0.369								0.369										
Serratia spp.	85	3.3		14.7		33.2	23.5	5.53	4.82										
Shigella spp.	6.61								6.61										
Staphylococcus aureus	3,110								68.3		190			2,800			26.8	30.1	
Streptococcus pneumoniae	717				13.7	283	10.2		28.7		114				70.3		198		
All pathogens	11,200	320	242	525	680	1,400	1,440	57	2,120	4.1	440	1.47	32.1	2,800	77.4	1.95	744	319	5.45
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts



Cuba

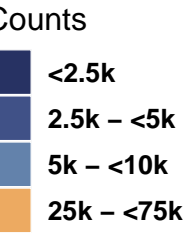
DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Cuba

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

Acinetobacter baumannii	7,530	625		297	62.2	3,430	311	374	2,430										
Citrobacter spp.	274	4.25		112		52.2	49.1	19	37.8										
Enterobacter spp.	1,680	61.3		419		443		193	345							220			
Enterococcus faecalis	724								558									165	
Enterococcus faecium	1,930								1,360									575	
Other enterococci	416								328									87.4	
Escherichia coli	4,840	147	361		796	215	1,410		1,080								828		
Group A Streptococcus	133										133								
Group B Streptococcus	337								59.9		256			20.6					
Haemophilus influenzae	43.7		12.7				31												
Klebsiella pneumoniae	3,940	292			125	277	2,280		522								445		
Morganella spp.	10.4						2.4	1.51	6.5										
Mycobacterium tuberculosis	37.7									3.53			26.6			3.09			4.52
Neisseria gonorrhoeae	7.25						0.085		7.16										
Proteus spp.	206	11.2	35.2				73.9		36.5								48.7		
Pseudomonas aeruginosa	2,340	62.7		645		975	217	36.3	406										
Salmonella Typhi	14.5								10.8			3.7							
Non-typhoidal Salmonella	1.05								1.05										
Serratia spp.	268	10.5		41.1		106	85.3	9.4	15.4										
Shigella spp.	8.62								8.62										
Staphylococcus aureus	4,900								494		613			3,580			80.6	137	
Streptococcus pneumoniae	3,510				39.2	1,160	344		109		662				105		1,100		
All pathogens	33,200	1,210	408	1,510	1,020	6,660	4,810	633	7,820	3.53	1,660	3.7	26.6	3,580	125	3.09	2,720	964	4.52
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB



Dominica

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	258	190		241	197	226	245	227	239										
Citrobacter spp.	11.9	1.41		3.06		1.36	7.87	4.09	5.31										
Enterobacter spp.	95.1	19.4		39.5		18.5		50.5	39.3								61.2		
Enterococcus faecalis	26.2								23.8									5.02	
Enterococcus faecium	51.6								51.1									17.2	
Other enterococci	39.5								39.4									2.82	
Escherichia coli	179	38.4	168		137	10.9	95.8		107								120		
Group A Streptococcus	9.18										9.18								
Group B Streptococcus	27.1								9.7		21.2			1.54					
Haemophilus influenzae	2.93		1.85					1.47											
Klebsiella pneumoniae	187	78.4			166	16.5	132		117								154		
Morganella spp.	0.73							0.14	0.144	0.674									
Mycobacterium tuberculosis	1.91									0.266			1.26			0.181			0.2
Neisseria gonorrhoeae	0.726							0.005		0.725									
Proteus spp.	25.3	1.91	24.3					5.32		10								13.2	
Pseudomonas aeruginosa	118	43.1		57.8		86.1	65.7	46	61.8										
Salmonella Typhi	4.93								4.06			1.02							
Non-typhoidal Salmonella	0.522								0.522										
Serratia spp.	18.7	5.9		5.7		4.23	13	7.83	4.61										
Shigella spp.	0.111								0.111										
Staphylococcus aureus	188								62.9		129			162			29	1.95	
Streptococcus pneumoniae	171				34.6	50.5	23.6		11.6		102			44			137		
All pathogens	1,420	378	194	348	534	414	590	336	788	0.266	261	1.02	1.26	162	45.5	0.181	514	27	0.2
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

<2.5k

Dominica

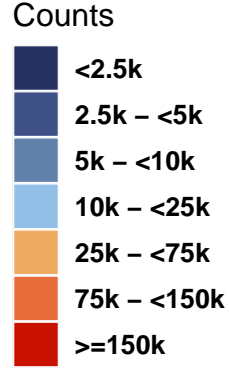
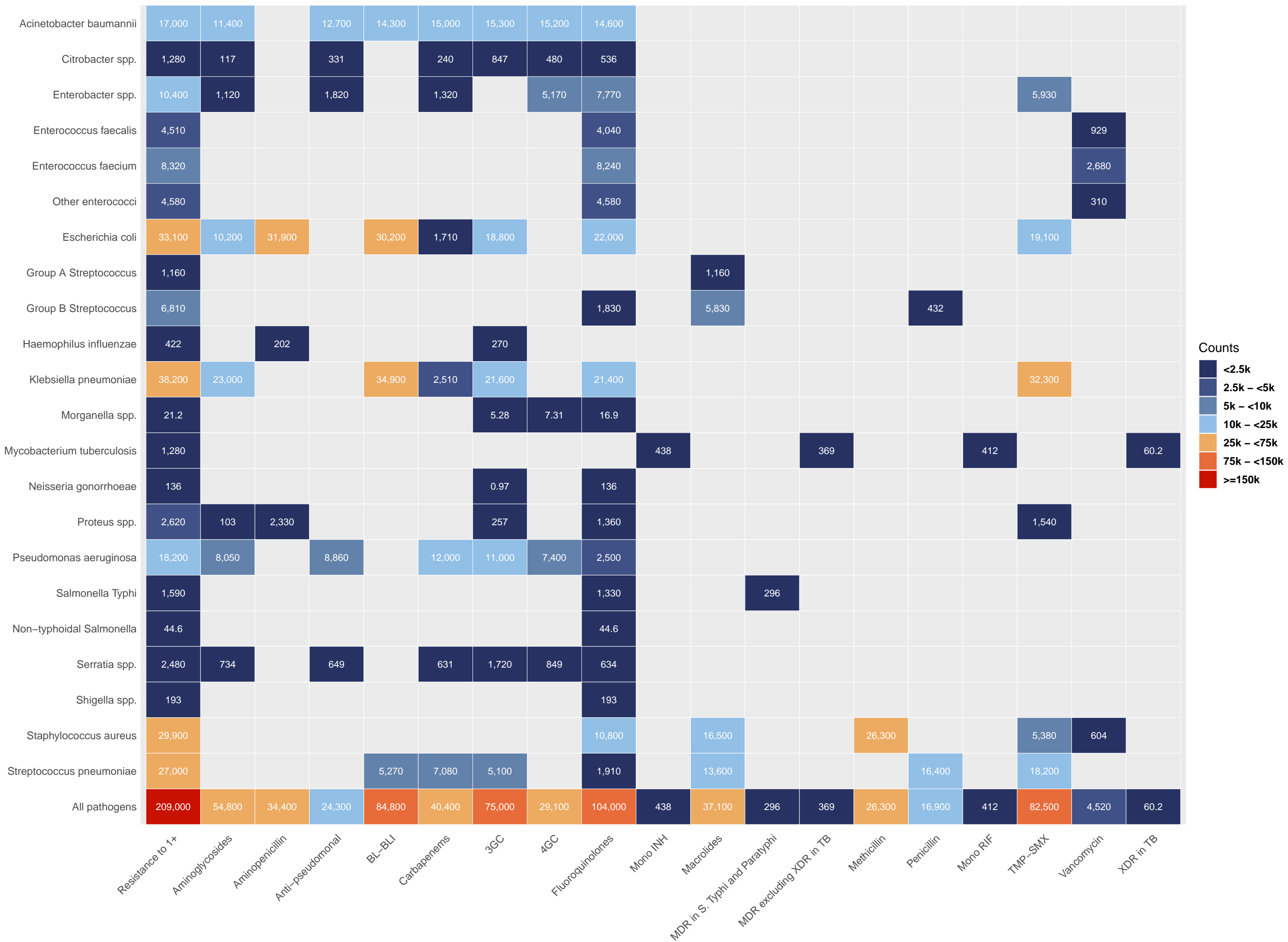
DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

Acinetobacter baumannii	82.4	7.89		4.17	0.092	36.6	3.5	0.298	29.9										
Citrobacter spp.	3.35	0.079		0.648		0.334	0.916	0.456	0.915										
Enterobacter spp.	21.1	1.16		4.35		4.3		3.12	4.43								3.71		
Enterococcus faecalis	7.39								5.77									1.61	
Enterococcus faecium	13.5								9.55									4	
Other enterococci	8.11								7.6									0.513	
Escherichia coli	44.4	2.25	2.18		6.3	2.37	13.3		11.1								6.91		
Group A Streptococcus	0.88										0.88								
Group B Streptococcus	4.09								1.71		2.1			0.287					
Haemophilus influenzae	0.706		0.272				0.434												
Klebsiella pneumoniae	47.6	5.83			4.56	4.19	17.5		7.81								7.76		
Morganella spp.	0.163						0.015	0.023	0.125										
Mycobacterium tuberculosis	0.889									0.039			0.686			0.048			0.117
Neisseria gonorrhoeae	0.072						0.001		0.07										
Proteus spp.	3.11	0.105	0.571				1.24		0.712								0.488		
Pseudomonas aeruginosa	29.4	1.12		2.9		15.7	2.67	0.585	6.42										
Salmonella Typhi	0.966								0.841			0.125							
Non-typhoidal Salmonella	0.101								0.101										
Serratia spp.	4.84	0.353		1.13		1.13	1.01	0.716	0.492										
Shigella spp.	0.019								0.019										
Staphylococcus aureus	54.3								2.78		4.75		43.9				2.37	0.477	
Streptococcus pneumoniae	31.8				0.821	10.7	0.513		1.38		4.19			1.74			12.5		
All pathogens	359	18.8	3.02	13.2	11.8	75.3	41.1	5.2	91.8	0.039	11.9	0.125	0.686	43.9	2.03	0.048	33.7	6.6	0.117
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 <2.5k

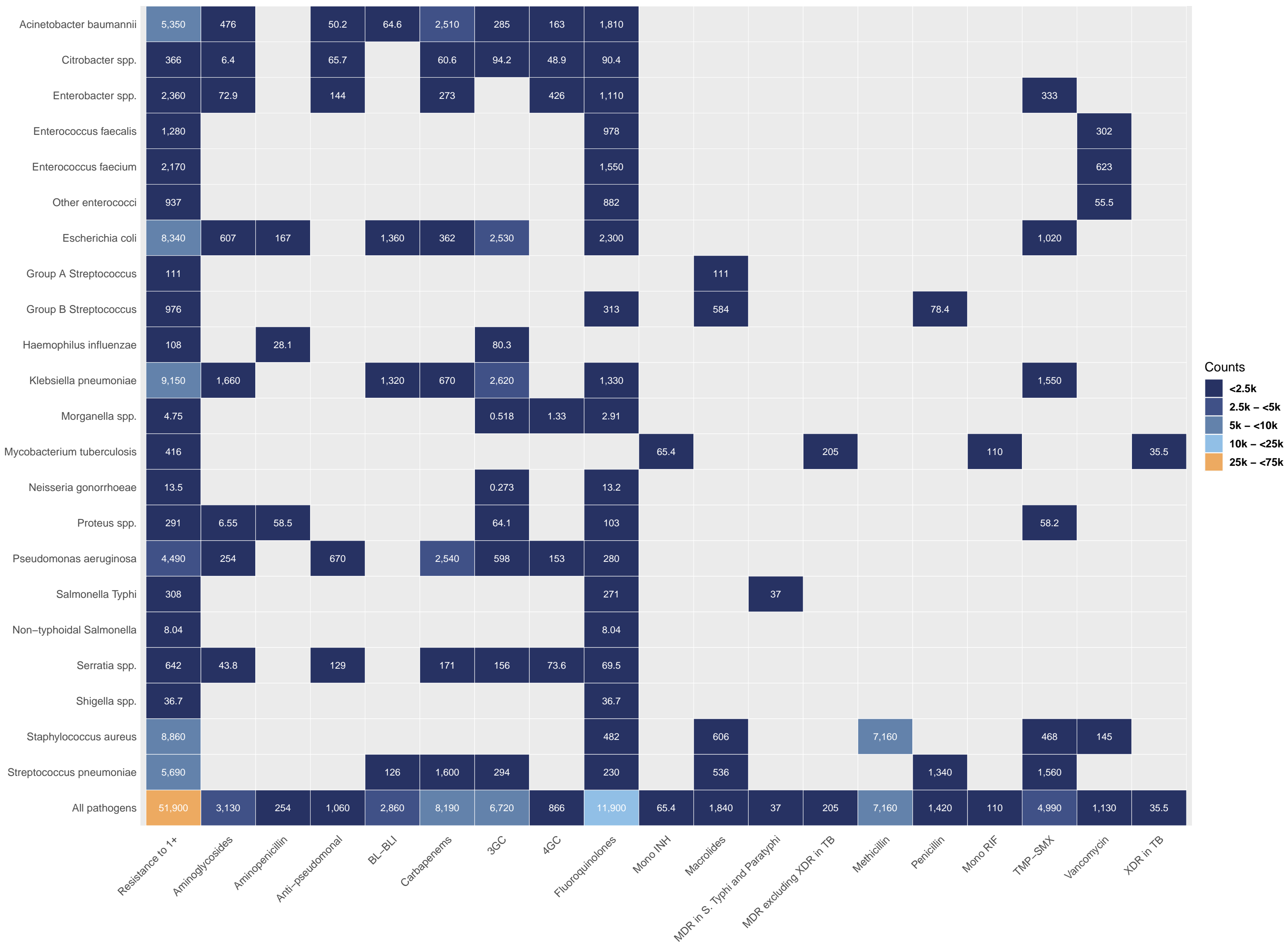
Dominican Republic

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



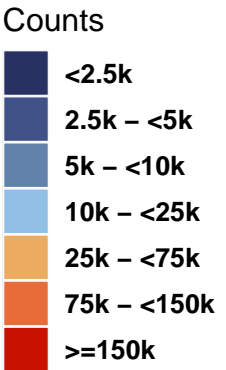
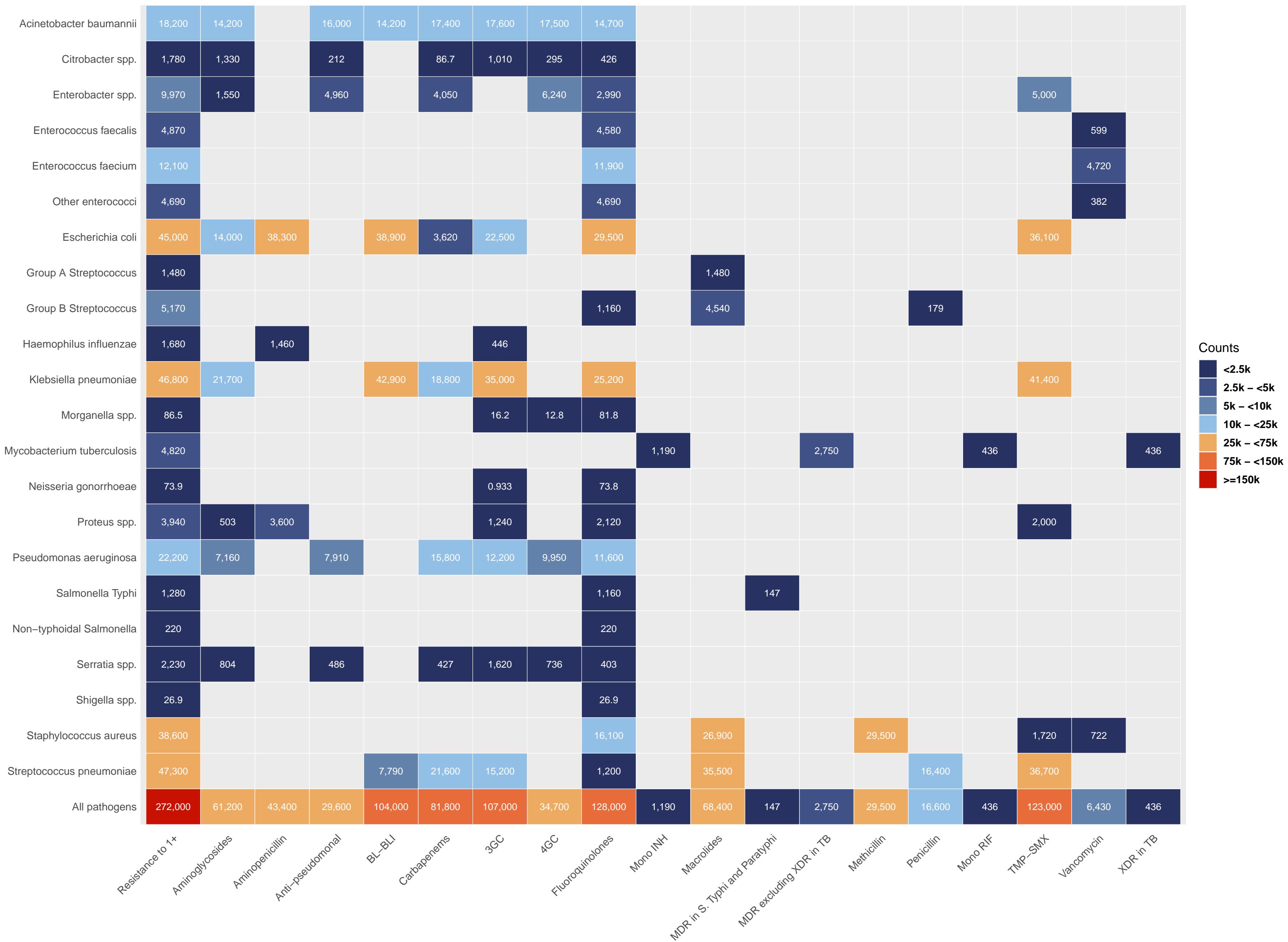
Dominican Republic

DALYs (count) attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019



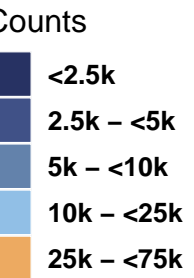
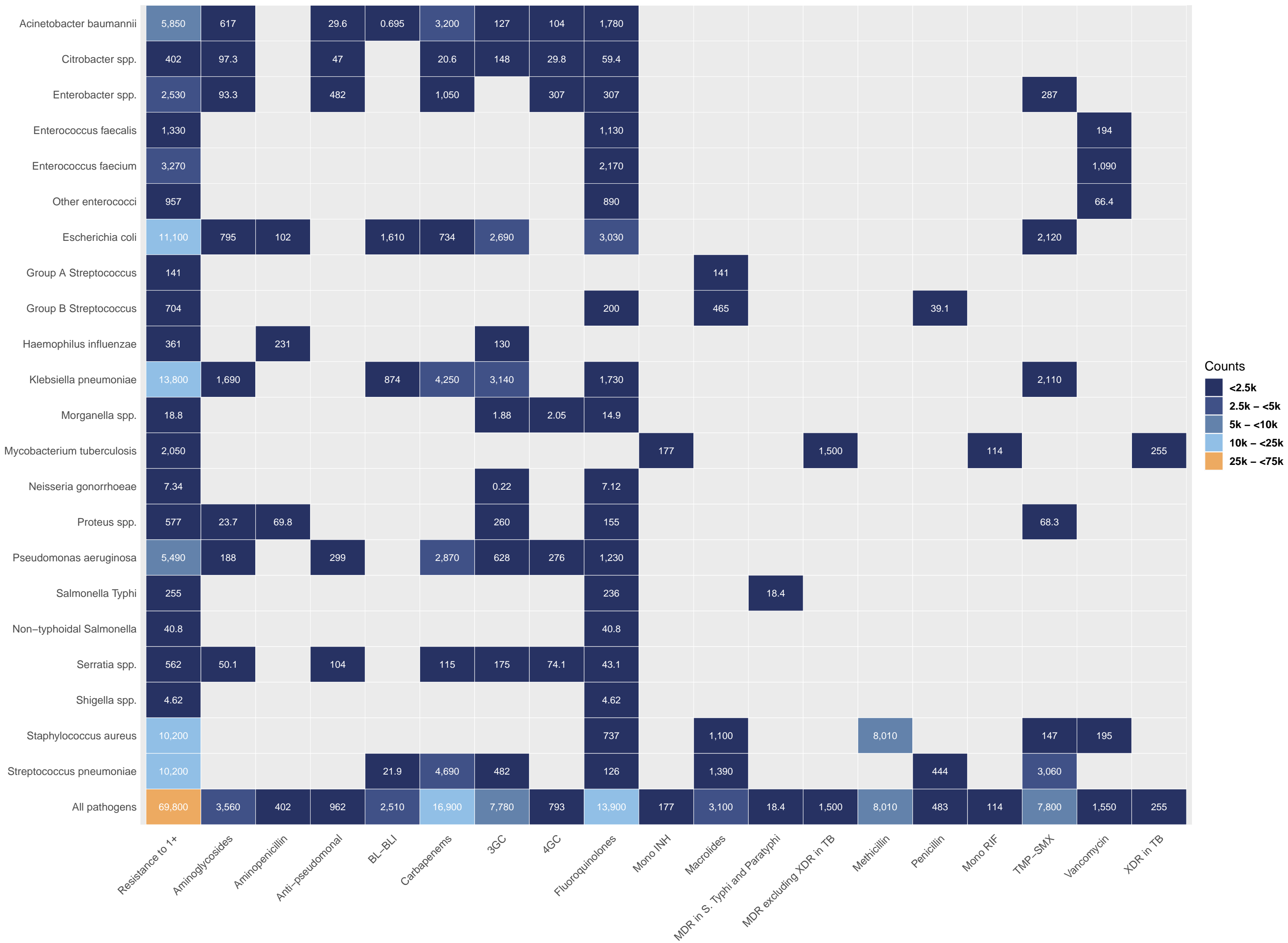
Ecuador

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



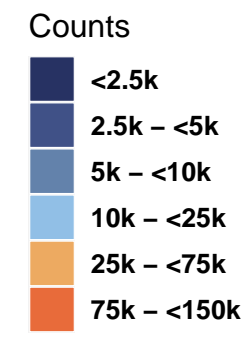
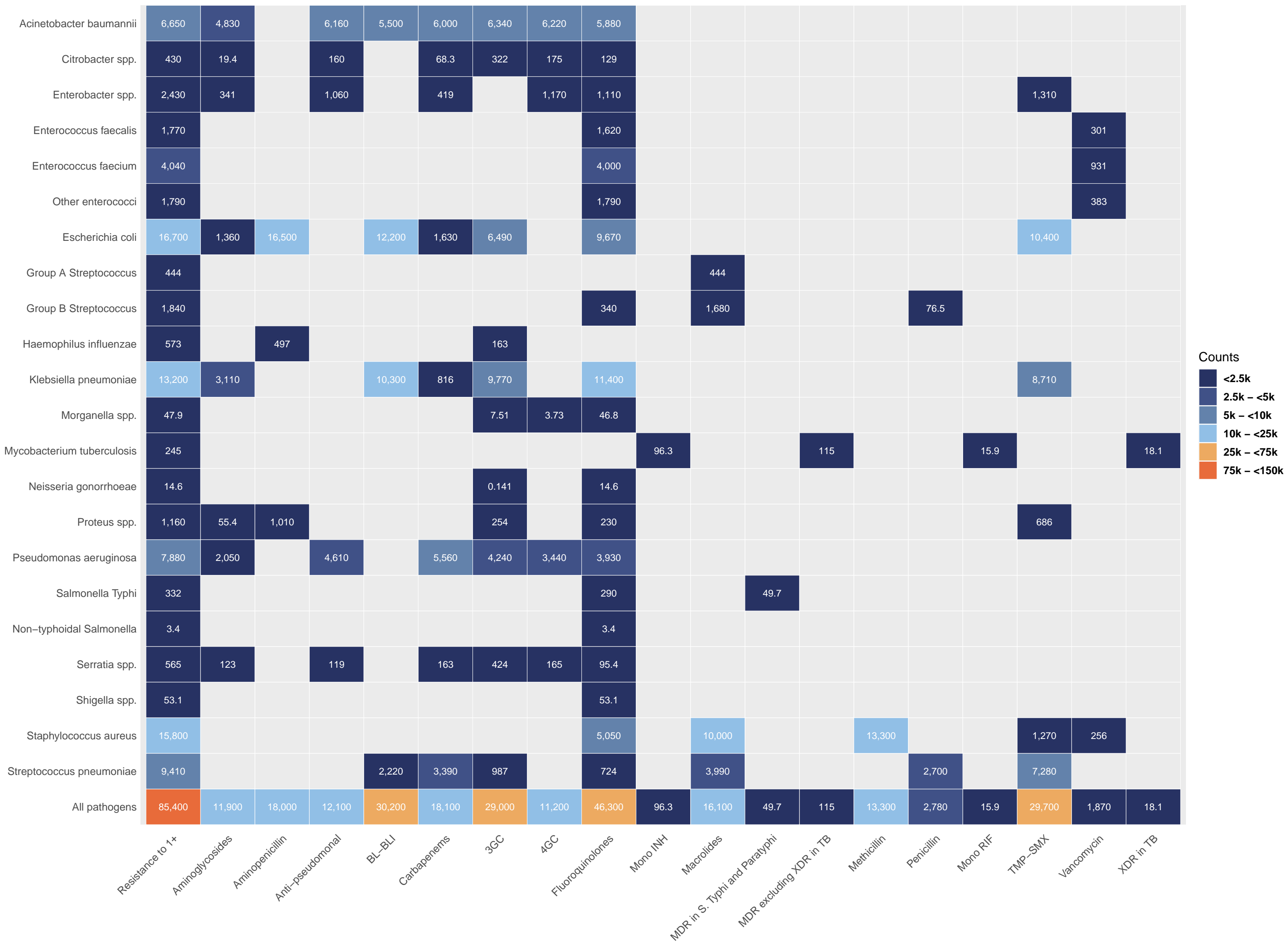
Ecuador

DALYs (count) attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019



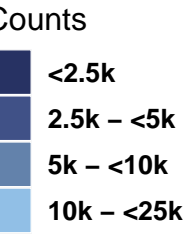
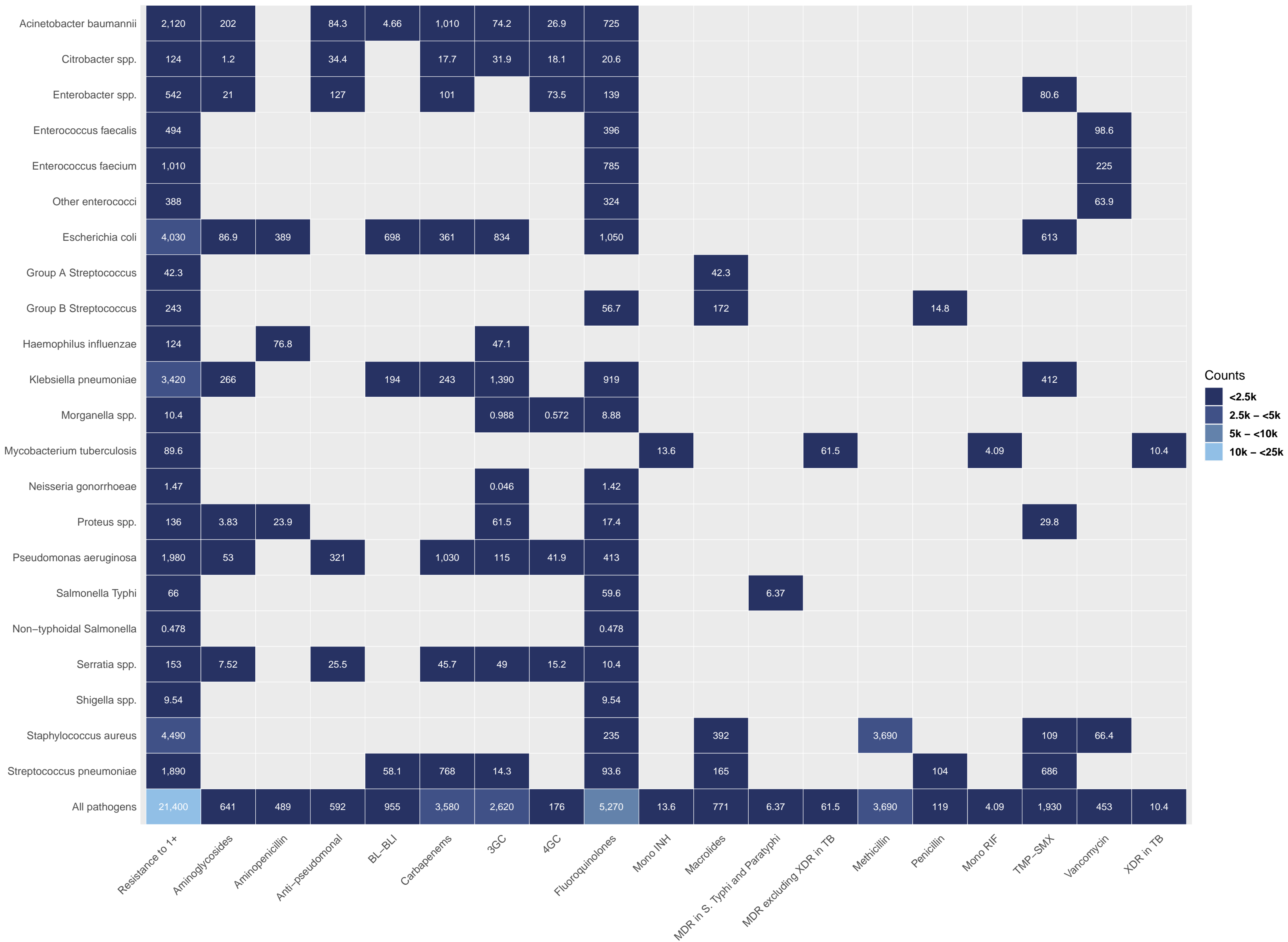
El Salvador

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



El Salvador

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*



Grenada

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	289	191		276	222	230	233	241	258										
Citrobacter spp.	18.2	1.7		4.26		2.86	12.6	8.79	7.31										
Enterobacter spp.	123	23.1		46.4		29.5		63.3	57.1								81.6		
Enterococcus faecalis	39.5								36.6									6.57	
Enterococcus faecium	74.7								74.1									25.2	
Other enterococci	48.9								48.9									3	
Escherichia coli	264	45.5	243		213	21.7	148		173								179		
Group A Streptococcus	19										19								
Group B Streptococcus	36.8								10.7		30.7			2.78					
Haemophilus influenzae	4.7		2.82				2.54												
Klebsiella pneumoniae	218	74.1			182	20.5	150		123								173		
Morganella spp.	1.14						0.217	0.221	1.05										
Mycobacterium tuberculosis	0.625									0.144			0.388			0.037			0.056
Neisseria gonorrhoeae	1.03						0.007		1.02										
Proteus spp.	32.6	2.36	28.7				6.7		12.9								22.1		
Pseudomonas aeruginosa	143	76.2		54.8		91.1	61.9	46.2	82.7										
Salmonella Typhi	3.84								3.04			0.958							
Non-typhoidal Salmonella	0.47								0.47										
Serratia spp.	22.4	6.84		5.94		5.64	13.9	6.48	9.71										
Shigella spp.	0.11								0.11										
Staphylococcus aureus	267								78.9		172		230				60	4.9	
Streptococcus pneumoniae	252				52.6	68.8	74.2		19.3		155			111			181		
All pathogens	1,860	421	274	388	669	470	703	366	997	0.144	377	0.958	0.388	230	113	0.037	697	39.6	0.056
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 <2.5k

Grenada

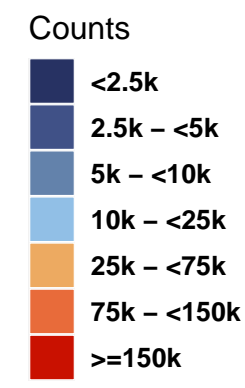
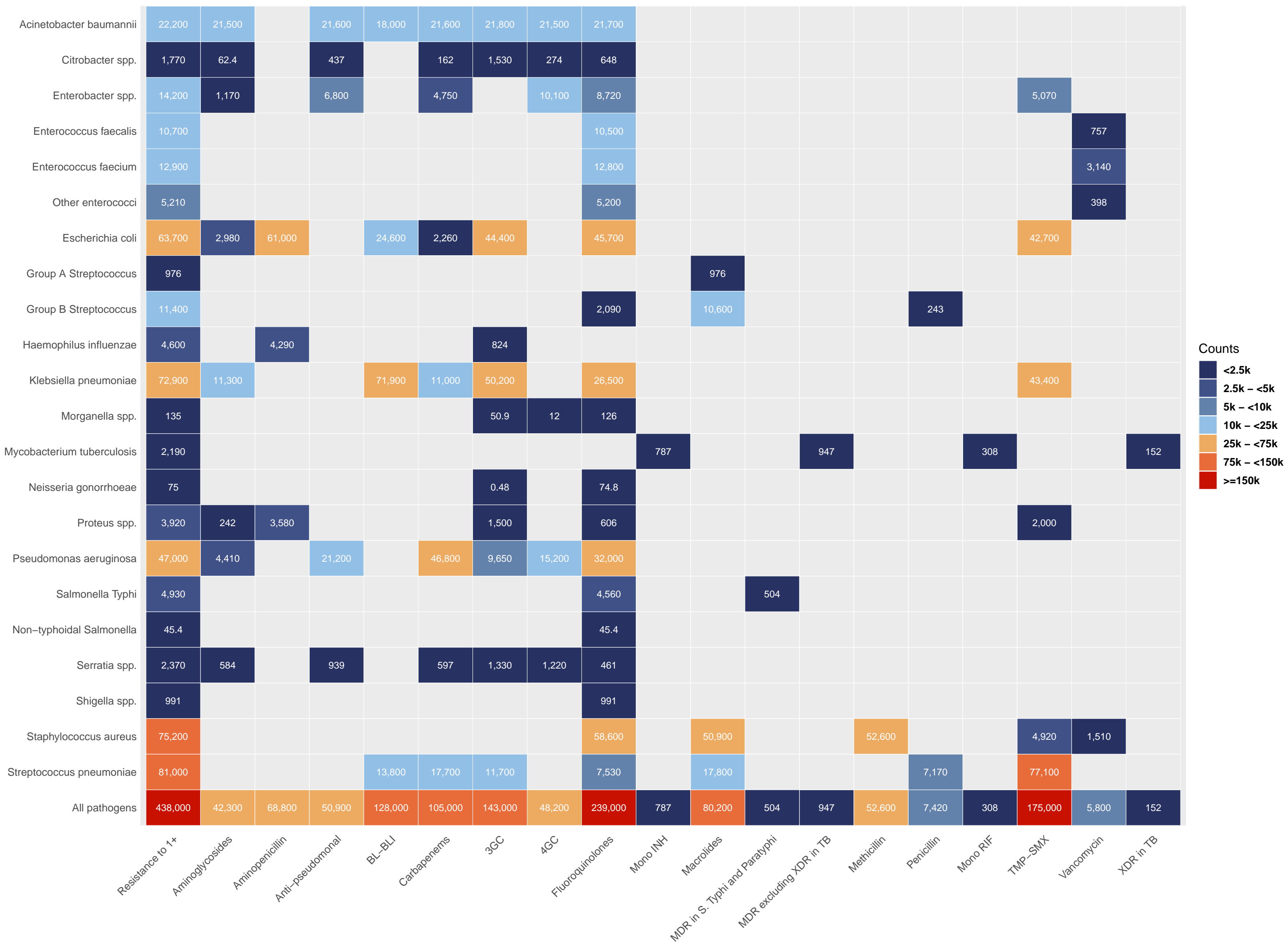
DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

Acinetobacter baumannii	90.6	8.11		10.2	0.289	37.4	1.91	0.195	32.5										
Citrobacter spp.	5.15	0.088		0.847		0.691	1.32	1.04	1.16										
Enterobacter spp.	27.8	1.38		4.54		6.85		3.56	6.61								4.9		
Enterococcus faecalis	11								8.92									2.06	
Enterococcus faecium	19.6								13.8									5.82	
Other enterococci	9.98								9.43									0.548	
Escherichia coli	67.1	2.64	2.06		9.03	4.64	19.9		18.6								10.2		
Group A Streptococcus	1.82										1.82								
Group B Streptococcus	5.38								1.84		3.04			0.505					
Haemophilus influenzae	1.15		0.405				0.746												
Klebsiella pneumoniae	55.1	5.76			5.26	5.36	20.9		8.51								9.29		
Morganella spp.	0.254						0.023	0.036	0.194										
Mycobacterium tuberculosis	0.222									0.017			0.168			0.008			0.029
Neisseria gonorrhoeae	0.101						0.002		0.099										
Proteus spp.	4.07	0.135	0.631				1.52		0.905								0.879		
Pseudomonas aeruginosa	32.7	2.07		2.84		15.5	2.66	0.751	8.87										
Salmonella Typhi	0.736								0.617			0.12							
Non-typhoidal Salmonella	0.084								0.084										
Serratia spp.	5.61	0.387		1.06		1.45	1.14	0.458	1.11										
Shigella spp.	0.017								0.017										
Staphylococcus aureus	77.8								3.51		6.23			61.8			5.04	1.17	
Streptococcus pneumoniae	51.5				0.874	14.8	5.65		2.23		6.23			6.18			15.6		
All pathogens	468	20.6	3.09	19.5	15.4	86.7	55.8	6.04	119	0.017	17.3	0.12	0.168	61.8	6.68	0.008	45.9	9.6	0.029
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 <2.5k

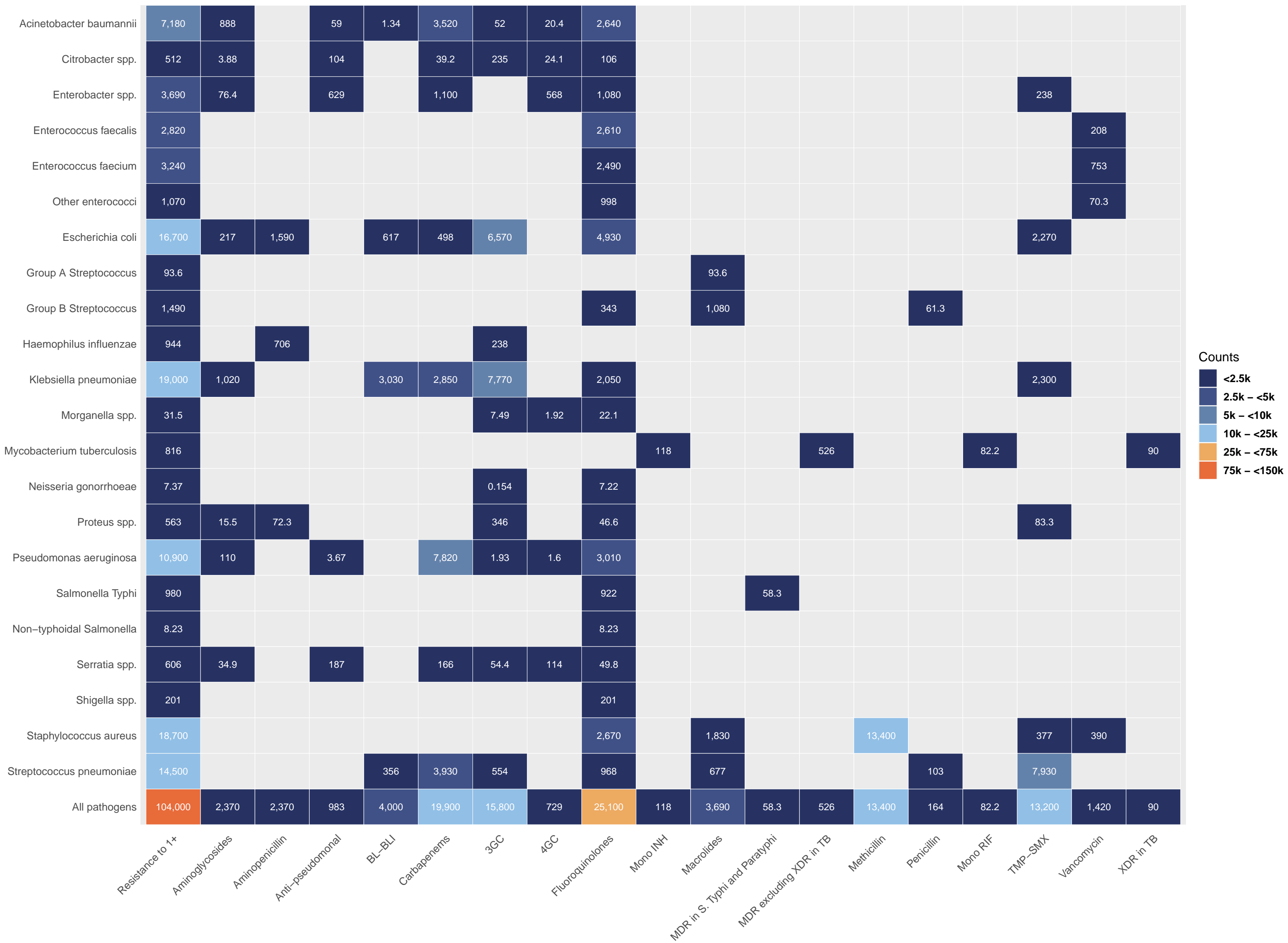
Guatemala

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



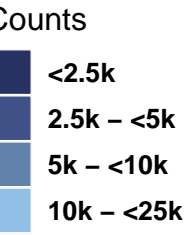
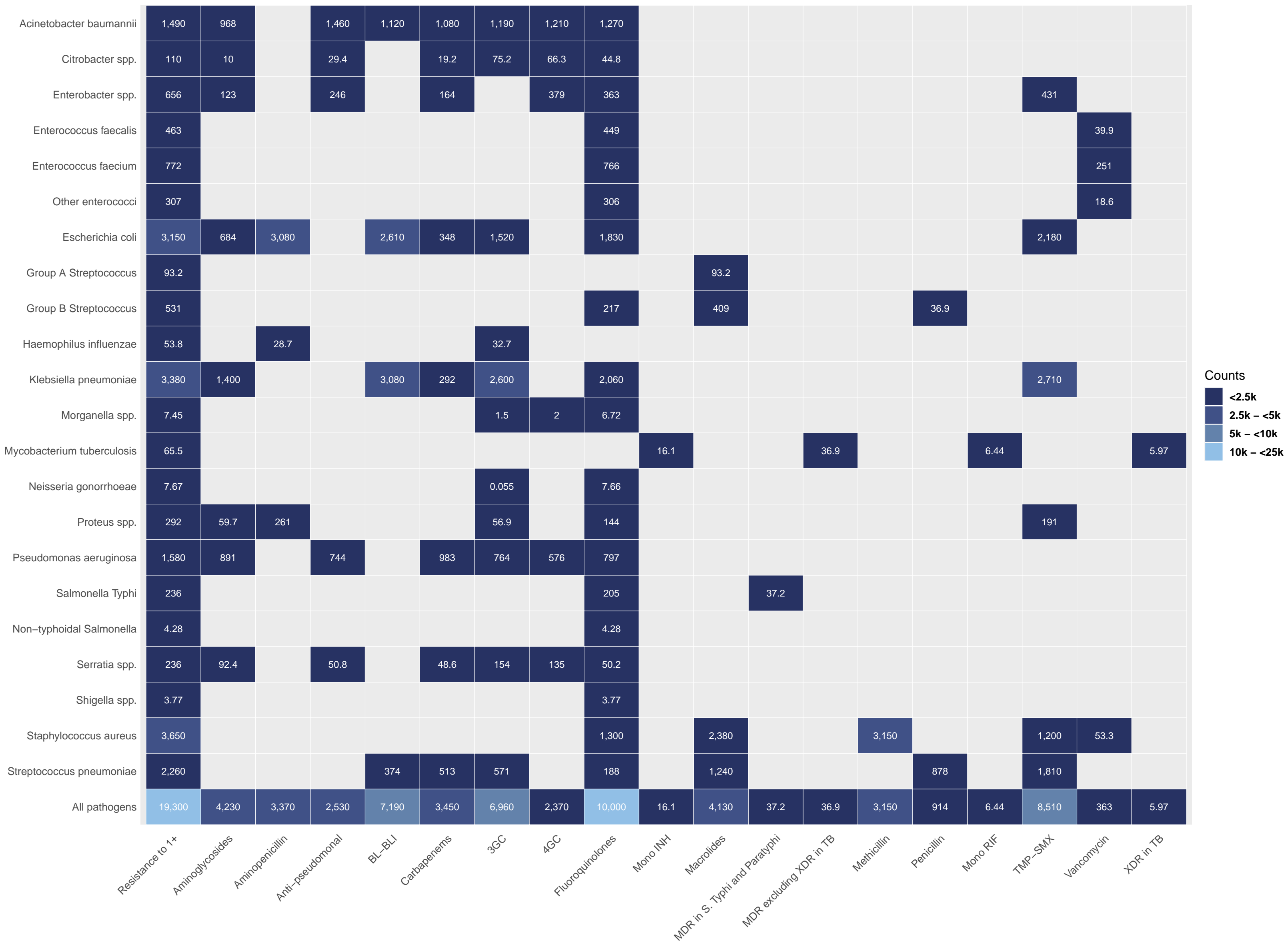
Guatemala

DALYs (count) attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Guyana

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Guyana

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

Acinetobacter baumannii	463	41.5		81.2	0.444	175	4.21	0.238	160										
Citrobacter spp.	31.3	0.497		5.43		4.54	6.2	7.81	6.78										
Enterobacter spp.	154	6.97		22		36.2		21.9	42.7								24.3		
Enterococcus faecalis	123								111									11.9	
Enterococcus faecium	202								144									58.1	
Other enterococci	62.5								59.1									3.37	
Escherichia coli	784	40.8	36.3		128	74.6	192		188								125		
Group A Streptococcus	8.94										8.94								
Group B Streptococcus	83.5								37.7		39.3			6.5					
Haemophilus influenzae	13.6		3.97				9.62												
Klebsiella pneumoniae	886	105			73.1	74.5	362		138								133		
Morganella spp.	1.67						0.135	0.32	1.22										
Mycobacterium tuberculosis	28.5									2.42			20.8			1.73			3.55
Neisseria gonorrhoeae	0.757						0.015		0.741										
Proteus spp.	37.5	2.67	5.57				12.3		10.1								6.92		
Pseudomonas aeruginosa	367	24.6		48.7		173	29	8.84	83										
Salmonella Typhi	46.1								41.5			4.61							
Non-typhoidal Salmonella	0.783								0.783										
Serratia spp.	59.4	5.4		9.81		12.7	11.5	15	5.14										
Shigella spp.	0.733								0.733										
Staphylococcus aureus	1,070								54		81.8			818			99.7	11.6	
Streptococcus pneumoniae	443				6.13	109	44.3		22.3		49			50.1			162		
All pathogens	4,860	227	45.8	167	207	659	671	54.1	1,110	2.42	179	4.61	20.8	818	56.6	1.73	551	85	3.55
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

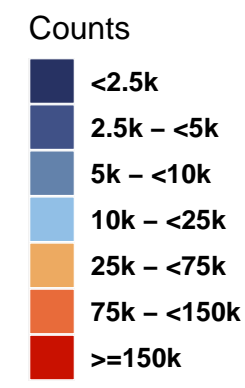
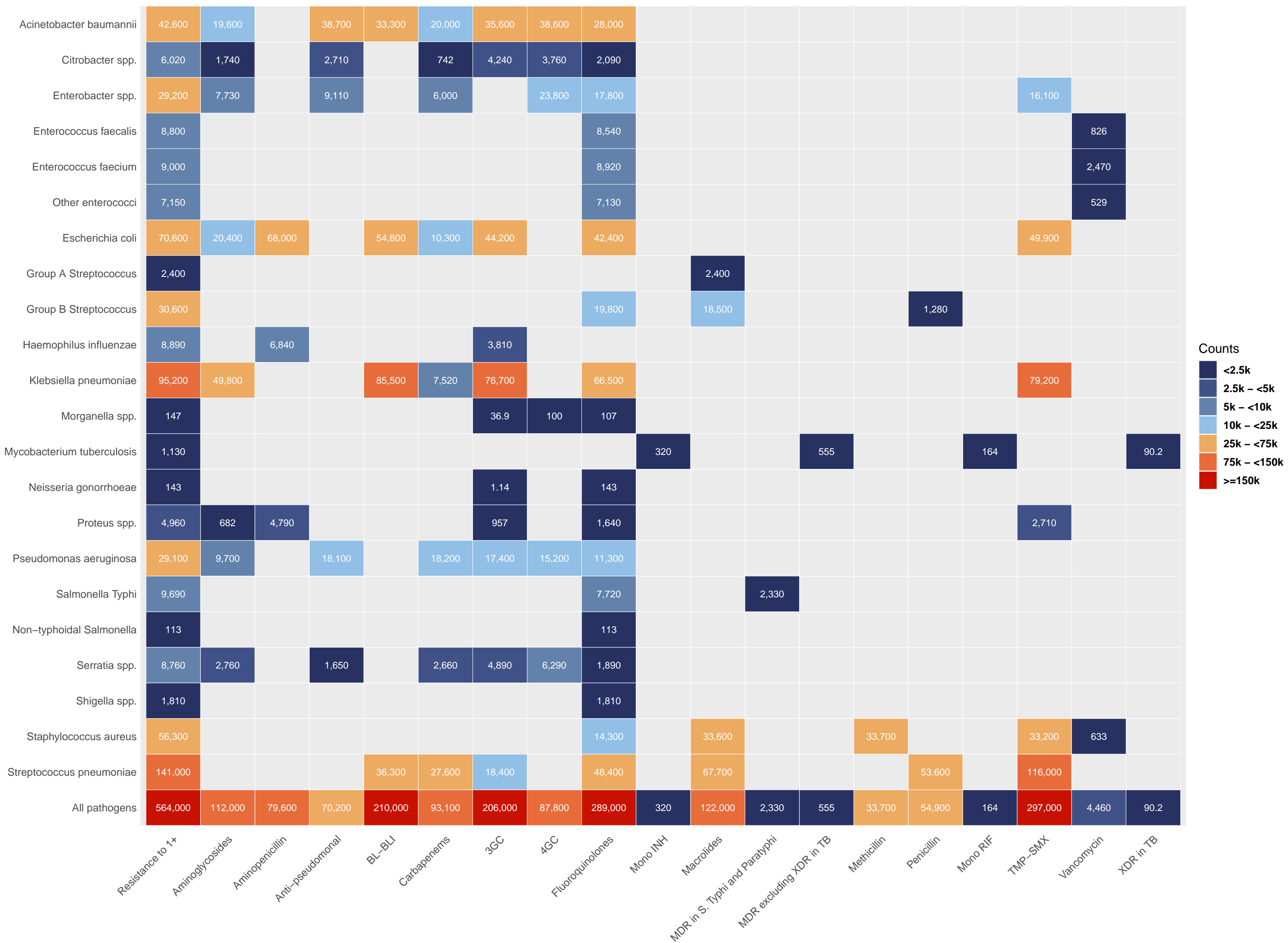
Counts

<2.5k

2.5k – <5k

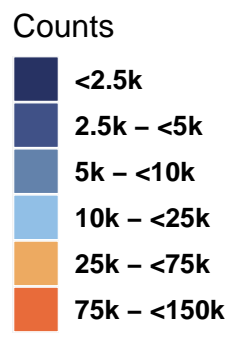
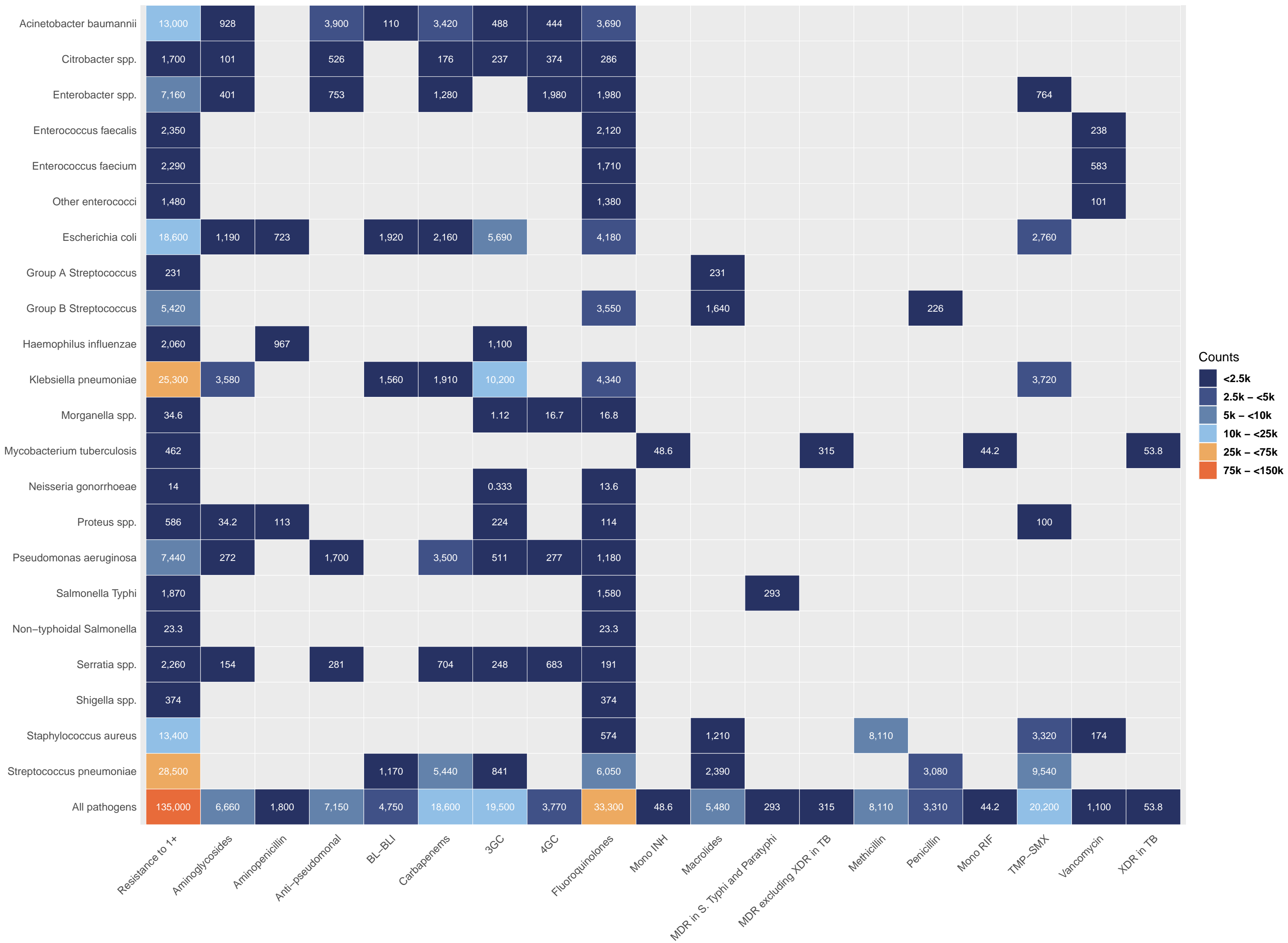
Haiti

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



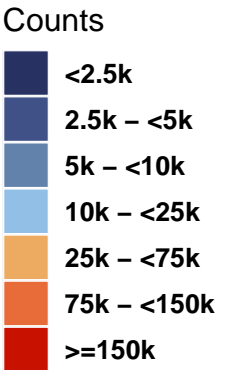
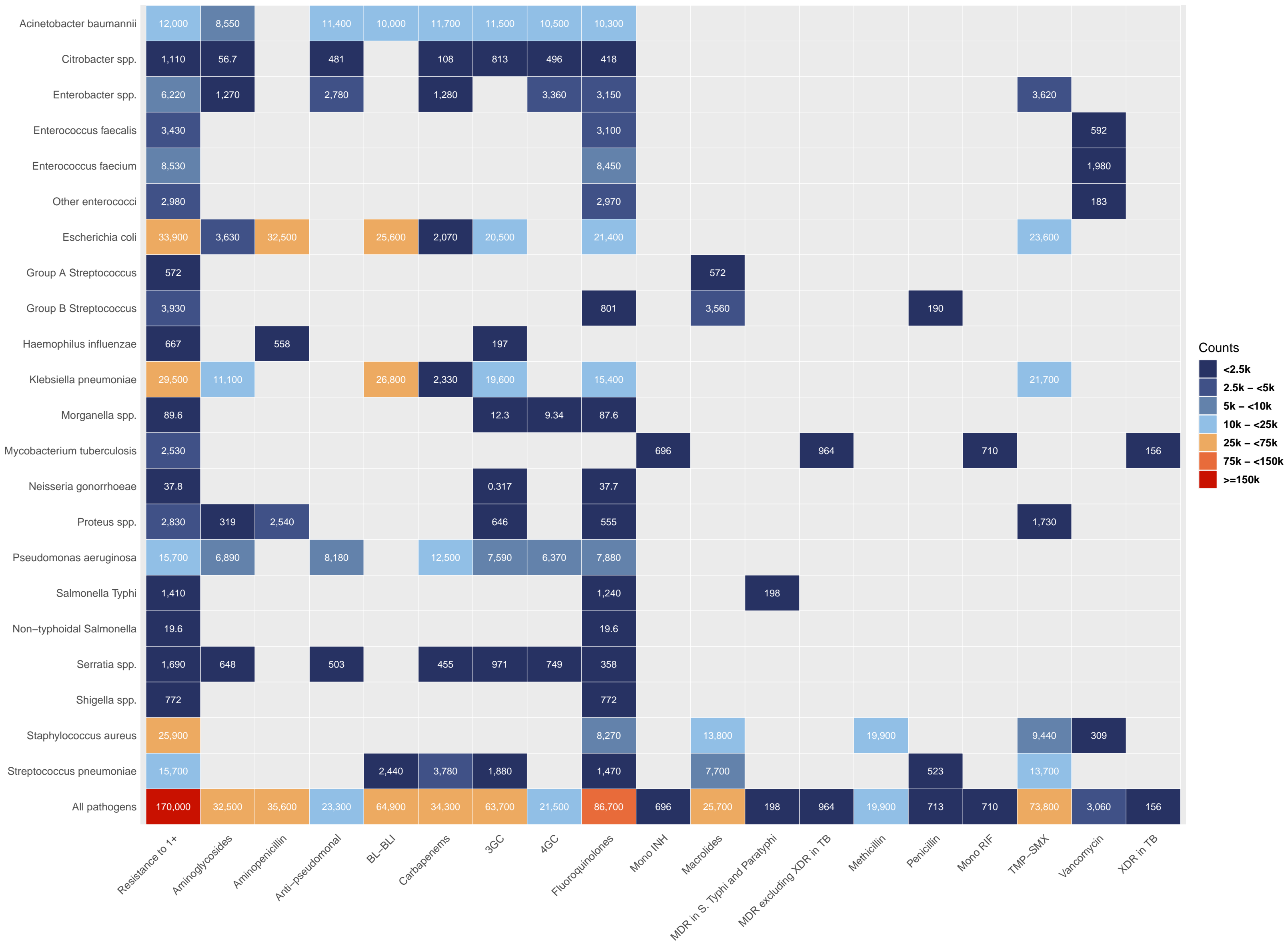
Haiti

DALYs (count) attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019



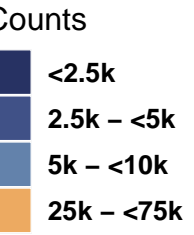
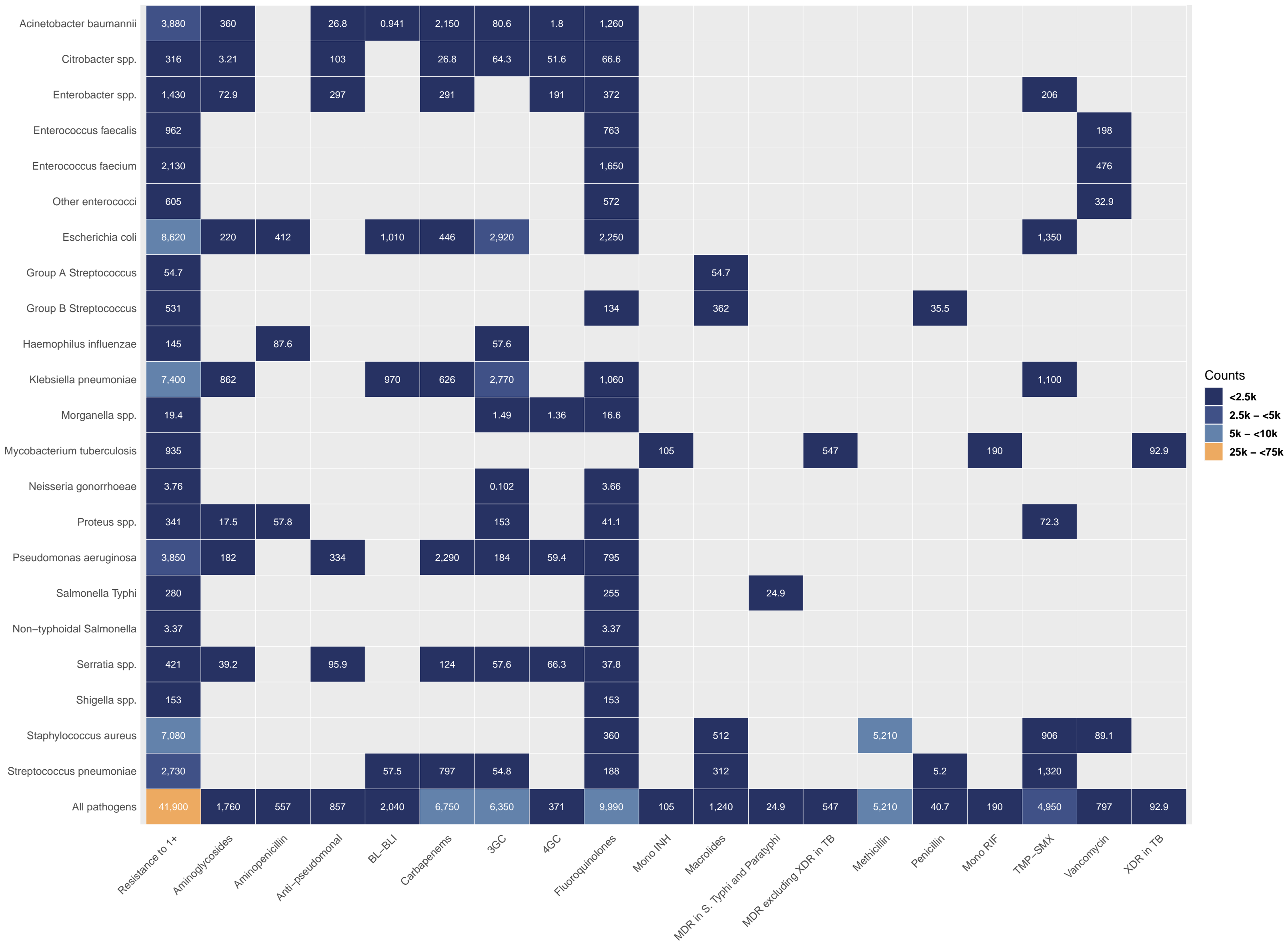
Honduras

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Honduras

DALYs (count) attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019

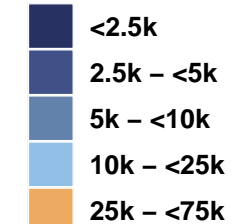


Jamaica

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	6,510	4,220		5,740	5,410	5,490	6,140	6,070	5,350										
Citrobacter spp.	296	15.8		87.7		49.4	204	119	106										
Enterobacter spp.	2,150	301		803		401		1,110	1,030								1,180		
Enterococcus faecalis	563								502									110	
Enterococcus faecium	1,280								1,270									392	
Other enterococci	1,090								1,090									244	
Escherichia coli	4,980	546	4,780		4,000	230	2,450		2,670								3,340		
Group A Streptococcus	365										365								
Group B Streptococcus	772								134		702			55.2					
Haemophilus influenzae	106		78.4					43.1											
Klebsiella pneumoniae	4,660	1,230			3,400	289	4,550		2,220								3,070		
Morganella spp.	17.1							4.74	2.56	15.5									
Mycobacterium tuberculosis	15.4									0.685			12.6			0.183			1.91
Neisseria gonorrhoeae	22.8							0.184		22.7									
Proteus spp.	530	23.7	464					103	116									335	
Pseudomonas aeruginosa	2,690	642		1,530		1,870	1,460	1,130	1,160										
Salmonella Typhi	73.9								59.9			16							
Non-typhoidal Salmonella	3.01								3.01										
Serratia spp.	353	86.3		84.1		91.3	258	133	66.6										
Shigella spp.	4.95								4.95										
Staphylococcus aureus	4,870								1,790		2,800			4,540				339	72.2
Streptococcus pneumoniae	3,530				705	1,110	571		184		1,960				1,540			2,630	
All pathogens	34,900	7,070	5,320	8,250	13,500	9,540	15,800	8,560	17,800	0.685	5,830	16	12.6	4,540	1,600	0.183	10,900	818	1.91
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts



Jamaica

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

Acinetobacter baumannii	2,060	180		119	11.6	933	91.4	65.5	662										
Citrobacter spp.	84.4	0.939		18.3		12.7	21.9	12.8	17.7										
Enterobacter spp.	485	18.4		91		96.5		77	130								72.4		
Enterococcus faecalis	159								123									36.7	
Enterococcus faecium	331								240									91.8	
Other enterococci	237								196									41.1	
Escherichia coli	1,200	34.3	61.2		212	53.1	357		280								202		
Group A Streptococcus	34.9										34.9								
Group B Streptococcus	104								22.3		71.6			10.1					
Haemophilus influenzae	24.4		11.9				12.6												
Klebsiella pneumoniae	1,330	96.9			8.99	78.4	826		160								156		
Morganella spp.	3.9						0.638	0.451	2.81										
Mycobacterium tuberculosis	7.11									0.088			5.95			0.044			1.03
Neisseria gonorrhoeae	2.24						0.053		2.19										
Proteus spp.	61	1.66	11				25.1		8.72								14.5		
Pseudomonas aeruginosa	678	17.3		117		359	47.4	15	122										
Salmonella Typhi	14.3								12.3			2.01							
Non-typhoidal Salmonella	0.545								0.545										
Serratia spp.	94	5.18		17.7		25.3	25.5	13	7.29										
Shigella spp.	0.796								0.796										
Staphylococcus aureus	1,490								81		102		1,260				26.4	17.1	
Streptococcus pneumoniae	705				15.7	243	16.3		21.7		78.6			95.3			234		
All pathogens	9,110	355	84.1	363	248	1,800	1,420	184	2,090	0.088	287	2.01	5.95	1,260	105	0.044	705	187	1.03
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

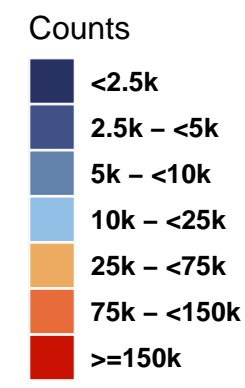
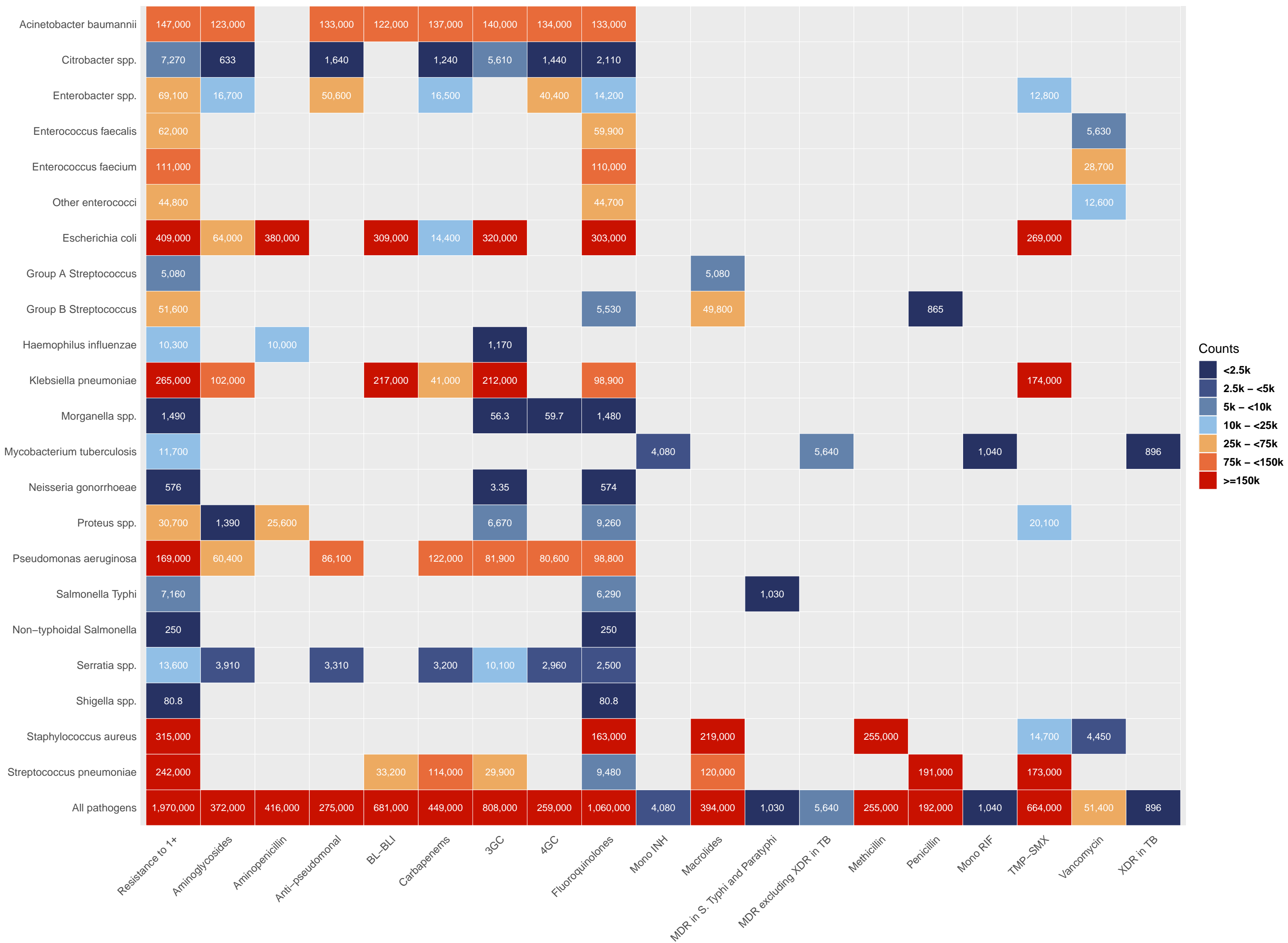
Counts

<2.5k

5k – <10k

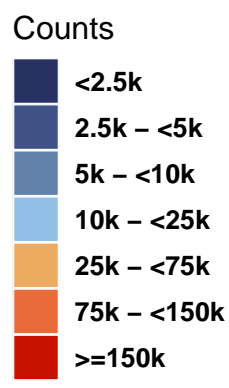
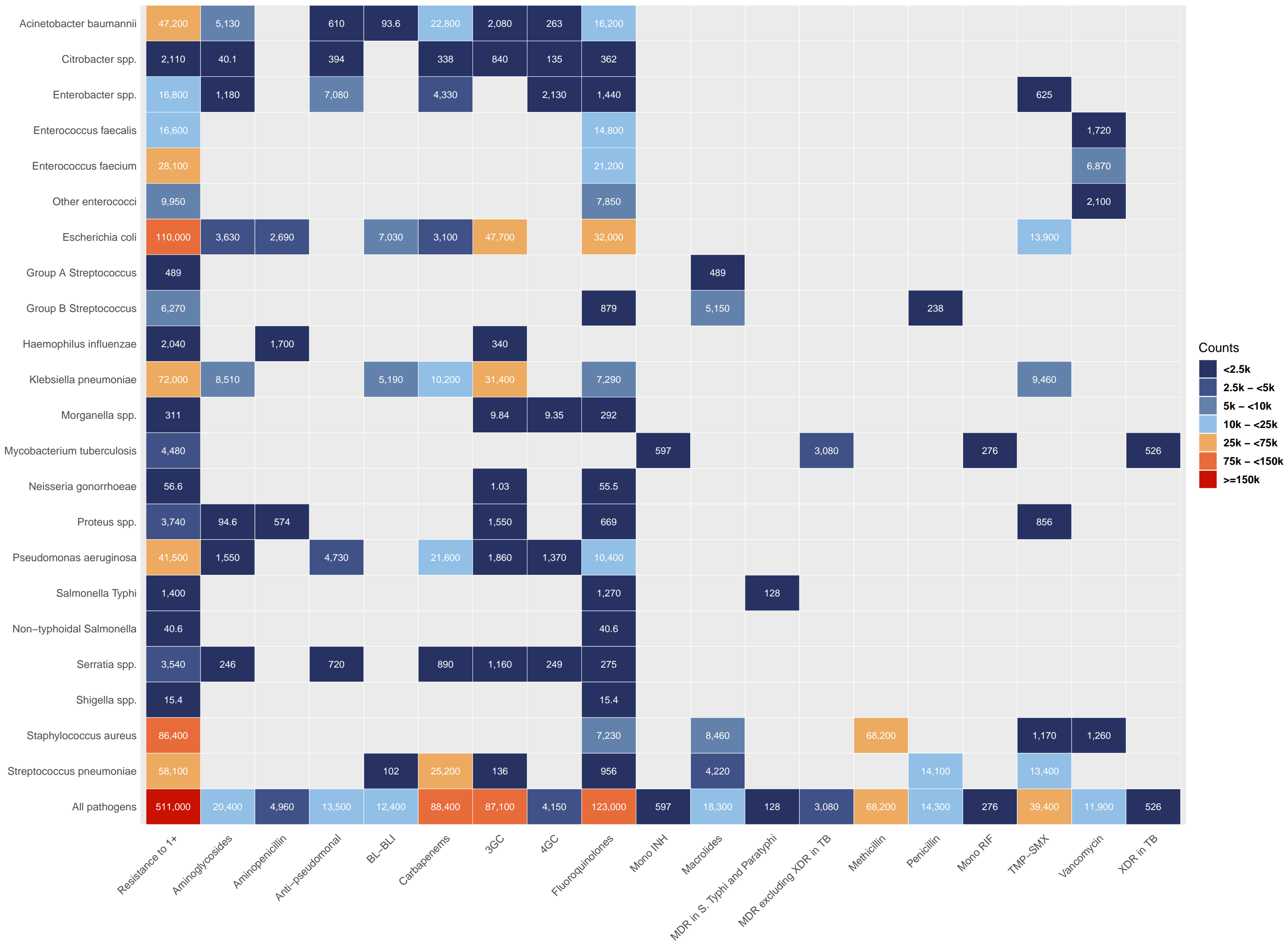
Mexico

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



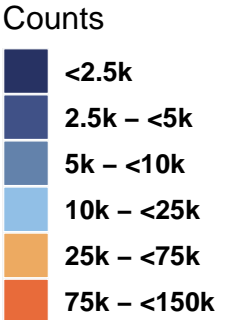
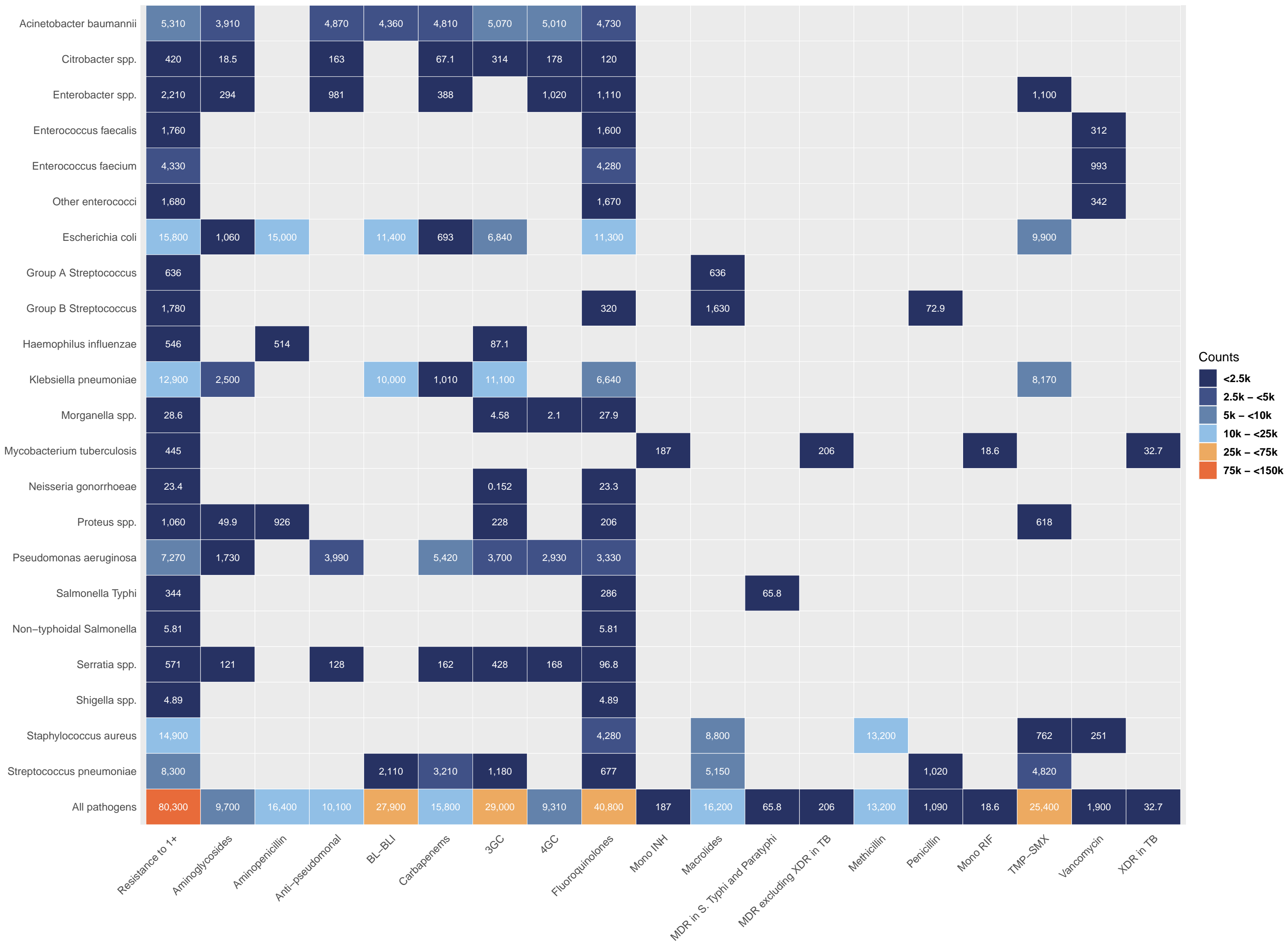
Mexico

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*



Nicaragua

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

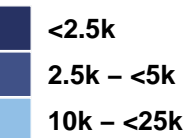


Nicaragua

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

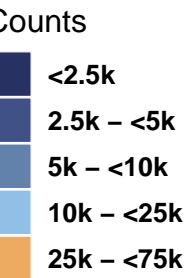
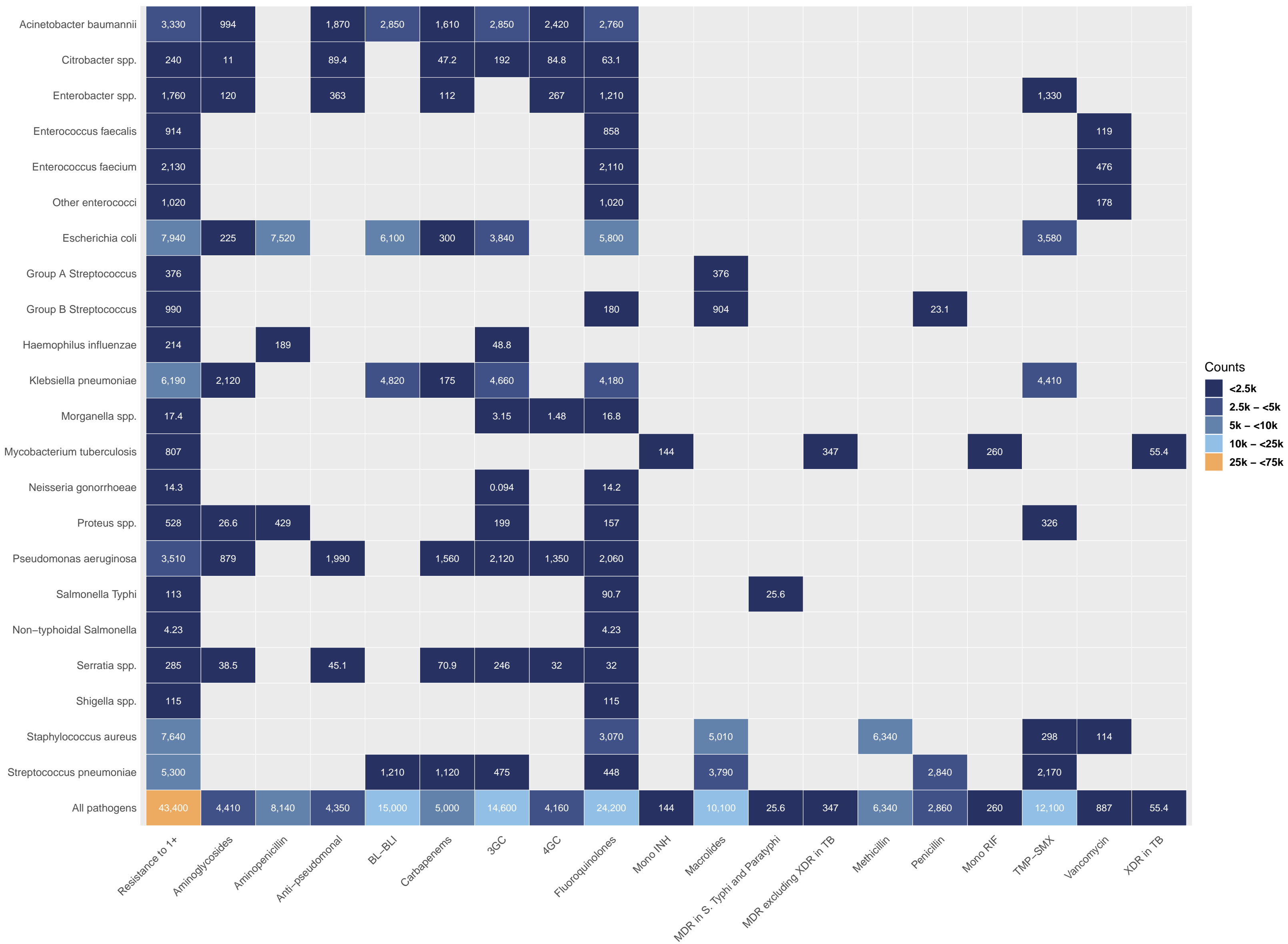
Acinetobacter baumannii	1,700	163		58.6	2.75	805	57.6	27.8	584										
Citrobacter spp.	121	1.15		35.1		17.5	29.5	18.6	19										
Enterobacter spp.	501	18.1		118		93.4		61.3	145							66.1			
Enterococcus faecalis	494								391									103	
Enterococcus faecium	1,080								838									240	
Other enterococci	361								304									57.4	
Escherichia coli	3,850	72.5	271		601	152	878		1,330							552			
Group A Streptococcus	60.5										60.5								
Group B Streptococcus	234								53.3		167			14					
Haemophilus influenzae	110		85.1				25.2												
Klebsiella pneumoniae	3,520	221			168	289	1,890		505							439			
Morganella spp.	6.19						0.611	0.328	5.25										
Mycobacterium tuberculosis	162									27.2			111			4.89			19
Neisseria gonorrhoeae	2.3						0.05		2.25										
Proteus spp.	123	3.46	22				55.5		15.6							26.8			
Pseudomonas aeruginosa	1,810	45.8		252		1,030	106	34.1	347										
Salmonella Typhi	67								58.8			8.17							
Non-typhoidal Salmonella	0.907								0.907										
Serratia spp.	155	7.46		27.4		45.7	48	15.4	10.6										
Shigella spp.	0.926								0.926										
Staphylococcus aureus	4,390								206		342		3,710			63.8	63.4		
Streptococcus pneumoniae	1,600				53.7	757	18.5		92.5		234			11.7		435			
All pathogens	20,400	533	378	490	825	3,190	3,110	158	4,910	27.2	804	8.17	111	3,710	25.8	4.89	1,580	464	19
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts



Panama

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

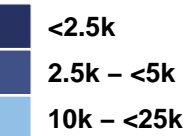


Panama

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

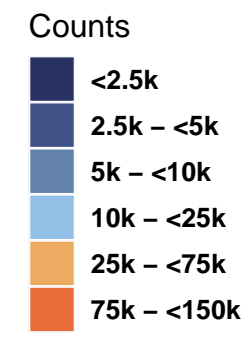
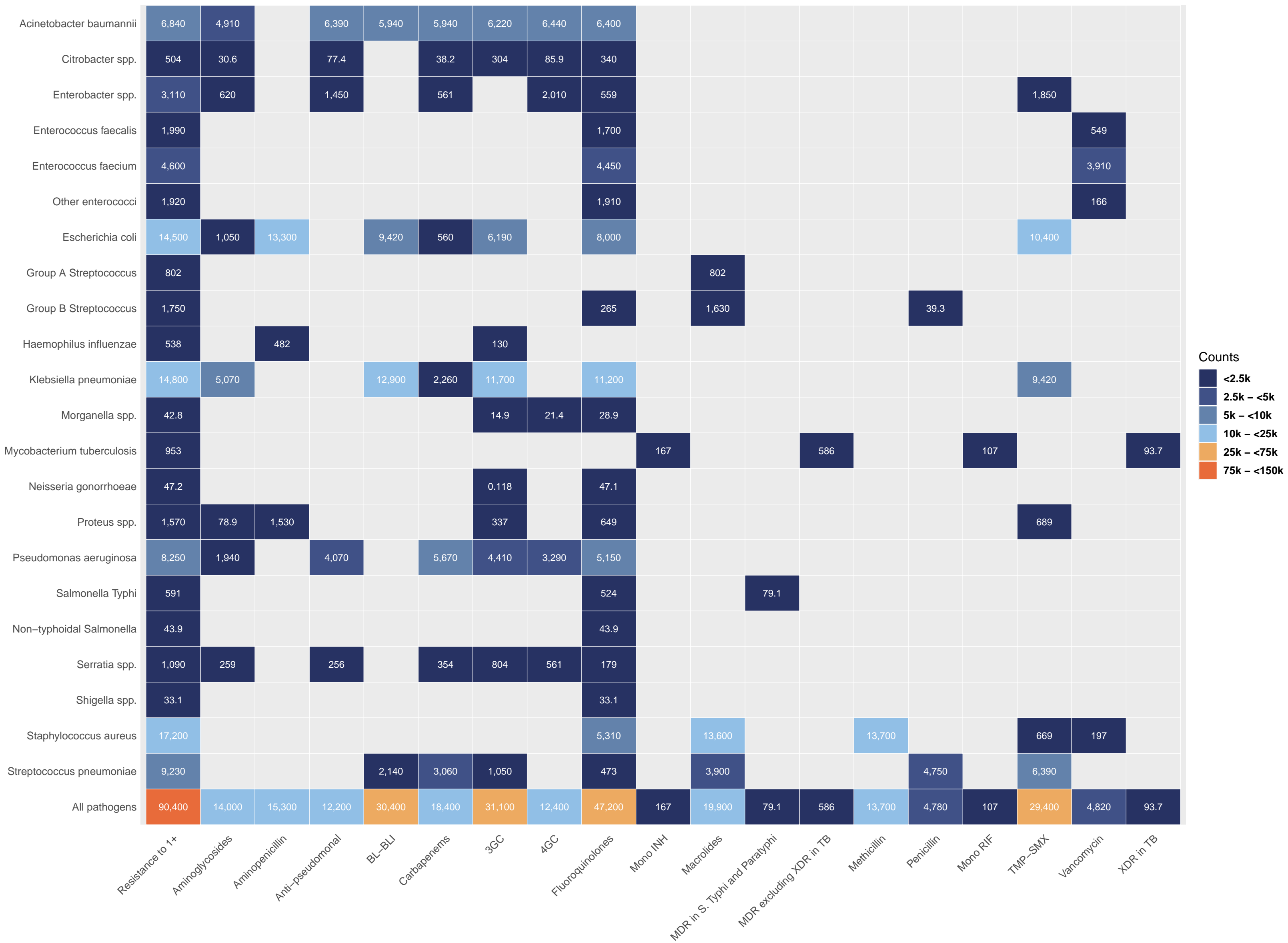
Acinetobacter baumannii	998	46.1		71.5	39.9	264	145	56.8	375										
Citrobacter spp.	70.2	0.668		19.1		12.4	20.4	7.87	9.77										
Enterobacter spp.	343	10		33		22.9		10.2	180								86.6		
Enterococcus faecalis	249								211									38.1	
Enterococcus faecium	529								414									115	
Other enterococci	217								187									29.9	
Escherichia coli	1,960	19.8	115		326	67.2	527		709									197	
Group A Streptococcus	35.6										35.6								
Group B Streptococcus	129								30.2		93.5			5.42					
Haemophilus influenzae	45		30.6					14.4											
Klebsiella pneumoniae	1,570	163			109	67.5	691		308									227	
Morganella spp.	3.8						0.415	0.234	3.15										
Mycobacterium tuberculosis	318									21.7			194			69.3			32.7
Neisseria gonorrhoeae	1.41						0.031		1.38										
Proteus spp.	78.2	1.79	7.96				43.6		11.1									13.8	
Pseudomonas aeruginosa	880	22.9		223		271	108	20	236										
Salmonella Typhi	21.7								18.5			3.25							
Non-typhoidal Salmonella	0.636								0.636										
Serratia spp.	79.4	2.3		11		20.2	39.4	2.91	3.53										
Shigella spp.	22								22										
Staphylococcus aureus	2,130								140		199			1,740				24.7	31.2
Streptococcus pneumoniae	1,010				52.9	267	25.5		61.8		171				256			175	
All pathogens	10,700	266	154	357	528	992	1,610	98	2,920	21.7	499	3.25	194	1,740	262	69.3	724	214	32.7
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts



Paraguay

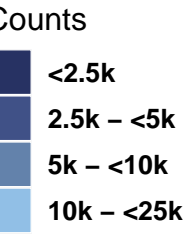
DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Paraguay

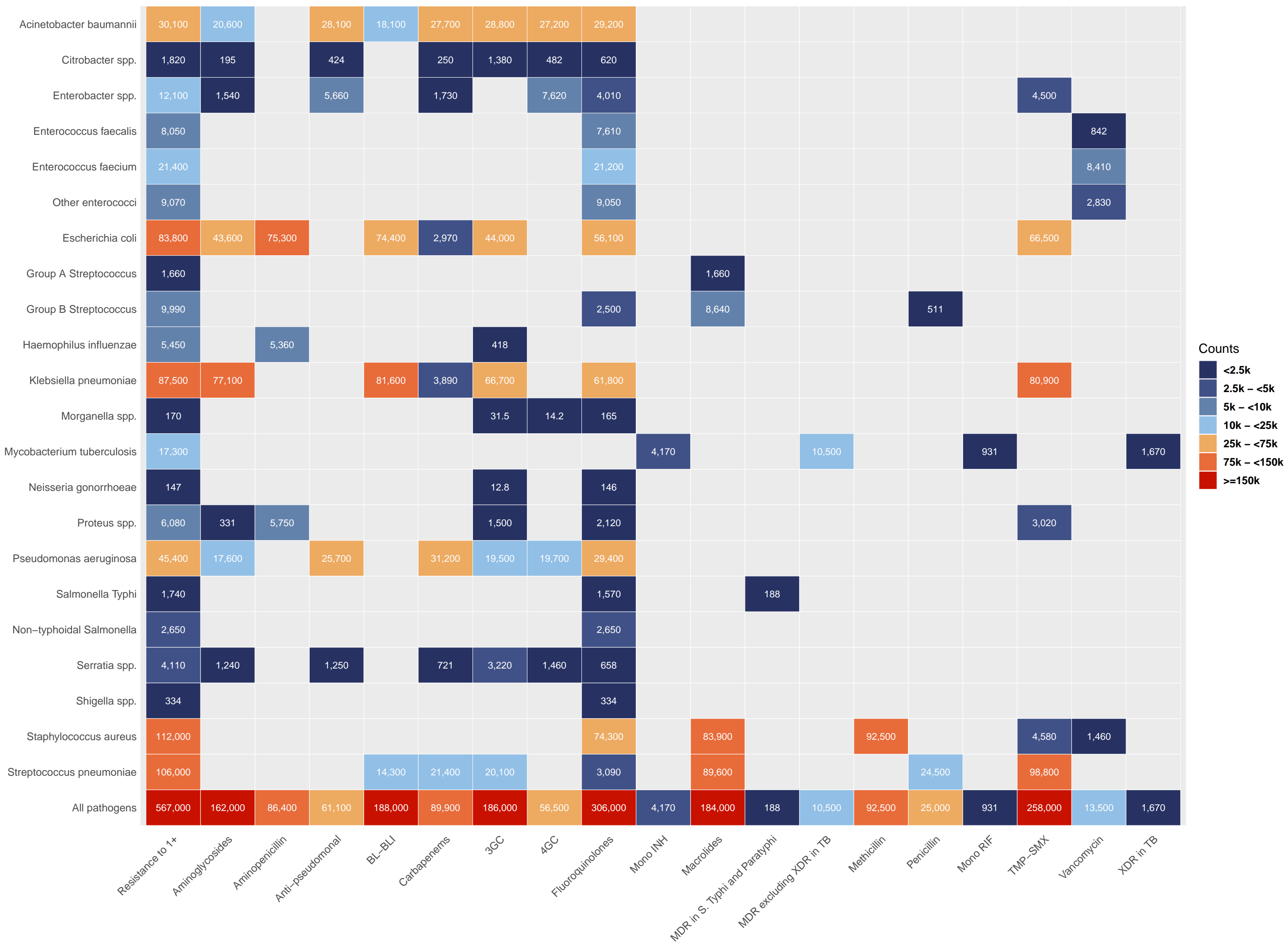
DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

Acinetobacter baumannii	2,170	205		112	9.72	965	49.1	27.7	806										
Citrobacter spp.	139	1.91		15.7		8.32	41.7	7.96	63.2										
Enterobacter spp.	685	39.9		182		141		151	54.6								116		
Enterococcus faecalis	584								403									181	
Enterococcus faecium	1,550								604									947	
Other enterococci	394								364									30.1	
Escherichia coli	3,410	70.1	290		518	132	875		870								654		
Group A Streptococcus	76.4										76.4								
Group B Streptococcus	223								43.8		170			8.93					
Haemophilus influenzae	114		76.1				37.4												
Klebsiella pneumoniae	4,060	403			279	549	1,560		835								439		
Morganella spp.	10.1						1.34	4.06	4.75										
Mycobacterium tuberculosis	427									24.2			320			27.9			54.9
Neisseria gonorrhoeae	4.62						0.05		4.57										
Proteus spp.	192	4.62	36.5				78.2		47.4								25.7		
Pseudomonas aeruginosa	2,040	47.1		228		994	162	45.3	563										
Salmonella Typhi	117								107			9.97							
Non-typhoidal Salmonella	7.55								7.55										
Serratia spp.	298	14.9		48.1		96.2	66.5	53.7	18.8										
Shigella spp.	5.93								5.93										
Staphylococcus aureus	4,620								241		535		3,750				52.6	50.7	
Streptococcus pneumoniae	1,940				64.3	704	23.7		59.1		158			351			579		
All pathogens	23,100	787	402	585	870	3,590	2,890	290	5,100	24.2	940	9.97	320	3,750	360	27.9	1,870	1,210	54.9
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB



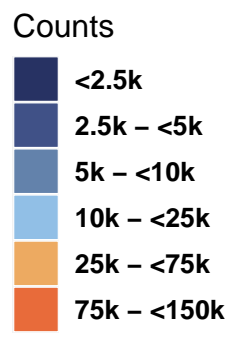
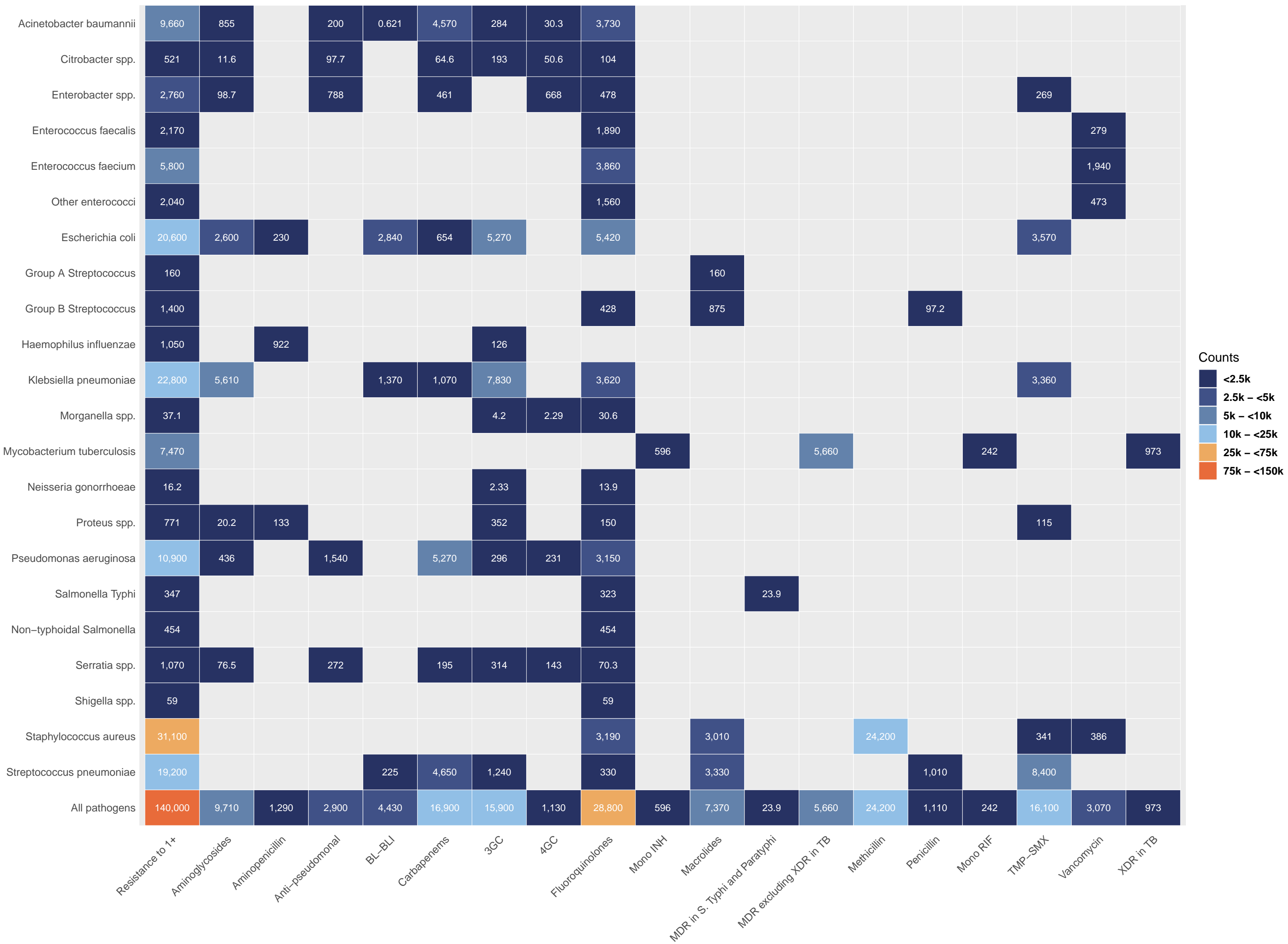
Peru

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Peru

DALYs (count) attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Saint Kitts and Nevis

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	175	123		153	142	156	167	165	172										
Citrobacter spp.	7.62	0.648		1.45		1.76	5.21	2.19	2.95										
Enterobacter spp.	56.4	8.27		19.2		13.6		24.1	27.1								32.8		
Enterococcus faecalis	20.1								18.3									3.44	
Enterococcus faecium	48.9								48.5									15.5	
Other enterococci	26.3								26.2									5.67	
Escherichia coli	164	14.5	153		118	9.29	89.1		108								106		
Group A Streptococcus	10.8										10.8								
Group B Streptococcus	13.3								1.9		12.4			0.423					
Haemophilus influenzae	3.01		2.54				0.835												
Klebsiella pneumoniae	105	23.7			84.4	11.8	72		62								76		
Morganella spp.	0.607						0.141	0.083	0.562										
Mycobacterium tuberculosis	0.762									0.191			0.409			0.098			0.064
Neisseria gonorrhoeae	0.581						0.004		0.58										
Proteus spp.	18.7	0.62	16.9				3.16		9.47								10.2		
Pseudomonas aeruginosa	84	24.9		42		64.4	39	30.7	46.9										
Salmonella Typhi	1.27								1.04			0.297							
Non-typhoidal Salmonella	0.478								0.478										
Serratia spp.	9.19	2.24		1.93		1.83	6.91	3.87	1.81										
Shigella spp.	0.237								0.237										
Staphylococcus aureus	150								38.8		100			131			6.75	2.83	
Streptococcus pneumoniae	115				22.5	48.6	24.4		4.04		87.4			41.5			74.3		
All pathogens	1,010	198	173	218	367	307	407	226	571	0.191	211	0.297	0.409	131	41.9	0.098	306	27.4	0.064
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 <2.5k

Saint Kitts and Nevis

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

Acinetobacter baumannii	56	5.14		1.14	0.05	25.5	1.42	0.814	21.9										
Citrobacter spp.	2.2	0.037		0.297		0.461	0.701	0.206	0.501										
Enterobacter spp.	12.8	0.524		2		3.39		1.33	3.47								2.09		
Enterococcus faecalis	5.61								4.47									1.13	
Enterococcus faecium	12.7								9.12									3.62	
Other enterococci	5.72								4.75									0.966	
Escherichia coli	41.1	0.92	2.28		5.31	2.03	12.4		12.1								6.04		
Group A Streptococcus	1.03										1.03								
Group B Streptococcus	1.7								0.319		1.29			0.091					
Haemophilus influenzae	0.648		0.403					0.245											
Klebsiella pneumoniae	26.8	2.03			2.56	3.12	10.3		4.64								4.2		
Morganella spp.	0.136							0.018	0.014	0.104									
Mycobacterium tuberculosis	0.29									0.026			0.205			0.024			0.036
Neisseria gonorrhoeae	0.058							0.001		0.057									
Proteus spp.	2.27	0.042	0.399					0.732		0.722								0.38	
Pseudomonas aeruginosa	20.5	0.622		1.98		11.6	1.07	0.287	4.94										
Salmonella Typhi	0.245								0.209			0.036							
Non-typhoidal Salmonella	0.075								0.075										
Serratia spp.	2.42	0.135		0.425		0.501	0.726	0.436	0.197										
Shigella spp.	0.04								0.04										
Staphylococcus aureus	43.7								1.86		3.85			36.8			0.536	0.696	
Streptococcus pneumoniae	23.6				0.229	10.9	0.419		0.449		3.69			1.62			6.27		
All pathogens	260	9.45	3.09	5.84	8.15	57.6	28	3.09	69.9	0.026	9.86	0.036	0.205	36.8	1.71	0.024	19.5	6.41	0.036
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

<2.5k

Saint Lucia

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	464	301		400	391	385	418	407	405										
Citrobacter spp.	21.3	1.75		5.33		3.74	14.7	8.61	7.8										
Enterobacter spp.	158	23.9		58		31.8		83.5	63.3								95.7		
Enterococcus faecalis	56.5								51.9									9.86	
Enterococcus faecium	115								114									34.3	
Other enterococci	76.8								76.7									17.7	
Escherichia coli	404	47.3	373		319	24.3	238		267								260		
Group A Streptococcus	28.7										28.7								
Group B Streptococcus	46.4								8.71		41.6			3.27					
Haemophilus influenzae	7.44		5.77				2.66												
Klebsiella pneumoniae	301	83.4			246	24.8	223		157								225		
Morganella spp.	1.75						0.381	0.251	1.63										
Mycobacterium tuberculosis	2.48									0.651			1.42			0.181			0.228
Neisseria gonorrhoeae	1.62						0.012		1.61										
Proteus spp.	45.3	1.93	41.1				8.15		12.8								27.1		
Pseudomonas aeruginosa	189	51.3		89		129	104	79.4	90.5										
Salmonella Typhi	4.28								3.63			0.751							
Non-typhoidal Salmonella	0.456								0.456										
Serratia spp.	26.2	5.8		5.81		6.45	17.6	8.63	9.56										
Shigella spp.	0.107								0.107										
Staphylococcus aureus	369								129		199			349			26.1	11.5	
Streptococcus pneumoniae	291				68.2	85.9	53.8		13.1		188			145			197		
All pathogens	2,610	517	420	558	1,020	691	1,080	587	1,410	0.651	457	0.751	1.42	349	148	0.181	831	73.5	0.228
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 <2.5k
 2.5k – <5k

Saint Lucia

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

Acinetobacter baumannii	146	12.6		7.3	1.84	62.8	8.25	2.54	50.5										
Citrobacter spp.	6.07	0.096		1.1		0.955	1.69	0.95	1.28										
Enterobacter spp.	35	1.49		6.5		7.74		5.78	7.49								6.03		
Enterococcus faecalis	15.8								12.6									3.15	
Enterococcus faecium	29.5								21.5									8.02	
Other enterococci	16.8								13.8									2.98	
Escherichia coli	103	2.86	3.5		13.3	5.26	33.8		29.3								14.7		
Group A Streptococcus	2.76									2.76									
Group B Streptococcus	6.3								1.47	4.23			0.597						
Haemophilus influenzae	1.67		0.892				0.78												
Klebsiella pneumoniae	77.3	6.79			6.4	6.8	33.8		11.2								12.4		
Morganella spp.	0.391						0.047	0.042	0.302										
Mycobacterium tuberculosis	1.06								0.094			0.786			0.047				0.133
Neisseria gonorrhoeae	0.159						0.003		0.156										
Proteus spp.	5.16	0.132	0.998				2		0.91								1.12		
Pseudomonas aeruginosa	47.4	1.37		5.9		24.2	4.74	1.55	9.62										
Salmonella Typhi	0.839								0.743		0.095								
Non-typhoidal Salmonella	0.08								0.08										
Serratia spp.	6.79	0.333		1.15		1.72	1.72	0.764	1.1										
Shigella spp.	0.017								0.017										
Staphylococcus aureus	115								5.87	7.12			97.4				2.01	2.54	
Streptococcus pneumoniae	58.5				1.8	18.9	2.27		1.51	7.68				9.7			16.7		
All pathogens	675	25.7	5.39	22	23.3	128	89	11.6	170	0.094	21.8	0.095	0.786	97.4	10.3	0.047	52.9	16.7	0.133
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 <2.5k

Saint Vincent and the Grenadines

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	341	218		309	258	268	282	295	300										
Citrobacter spp.	20.1	1.91		4.92		3.36	13.5	9.67	7.92										
Enterobacter spp.	134	23.3		39.6		28.6		72.3	70.1								88.1		
Enterococcus faecalis	45.3								42.5									6.81	
Enterococcus faecium	77.4								76.7									23.9	
Other enterococci	56.8								56.8									2.96	
Escherichia coli	292	66.7	279		221	30	153		180									187	
Group A Streptococcus	22.1										22.1								
Group B Streptococcus	36.3								11		29.9			2.25					
Haemophilus influenzae	4.52		2.76				2.38												
Klebsiella pneumoniae	248	92.4			208	21	185		161									189	
Morganella spp.	1.47						0.286	0.286	1.35										
Mycobacterium tuberculosis	1.69									0.349			1.06			0.12			0.166
Neisseria gonorrhoeae	1.03						0.007		1.02										
Proteus spp.	35.2	1.38	32.2				6.59		13.8									20.2	
Pseudomonas aeruginosa	143	63.2		59.6		92.3	70.9	53.4	75.4										
Salmonella Typhi	5.91								4.71			1.42							
Non-typhoidal Salmonella	0.618								0.618										
Serratia spp.	21.5	7.1		5.13		5.31	13.9	7.03	6.16										
Shigella spp.	0.208								0.208										
Staphylococcus aureus	275								95.1		177		248					39.2	5.4
Streptococcus pneumoniae	228				46.4	57.7	58.7		17.3		134			97.6				166	
All pathogens	1,990	474	314	418	734	506	786	438	1,120	0.349	363	1.42	1.06	248	99.8	0.12	689	39.1	0.166
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 <2.5k

Saint Vincent and the Grenadines

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

Acinetobacter baumannii	107	9.26		9.67	0.748	43.3	4.46	1.27	37.9										
Citrobacter spp.	5.71	0.1		0.974		0.829	1.4	1.12	1.28										
Enterobacter spp.	30.3	1.38		3.66		6.47		4.94	8.56								5.28		
Enterococcus faecalis	12.5								10.4									2.11	
Enterococcus faecium	20								14.5									5.57	
Other enterococci	11.6								11									0.547	
Escherichia coli	73.6	3.92	3.97		10.1	6.42	19.9		18.9									10.5	
Group A Streptococcus	2.12										2.12								
Group B Streptococcus	5.31								1.92		2.98			0.413					
Haemophilus influenzae	1.1		0.401					0.702											
Klebsiella pneumoniae	64.2	7.02			5.05	5.58	25.6		11.3									9.56	
Morganella spp.	0.327							0.03	0.046	0.25									
Mycobacterium tuberculosis	0.758									0.05			0.58			0.031			0.096
Neisseria gonorrhoeae	0.101							0.002		0.099									
Proteus spp.	4.21	0.092	0.763					1.56		1								0.789	
Pseudomonas aeruginosa	34.1	1.73		3.56		16.5	3.3	1.05	8.03										
Salmonella Typhi	1.13								0.958			0.176							
Non-typhoidal Salmonella	0.114								0.114										
Serratia spp.	5.43	0.428		1.01		1.43	1.27	0.609	0.685										
Shigella spp.	0.037								0.037										
Staphylococcus aureus	82.4								4.19		6.37			67.5				3.12	1.19
Streptococcus pneumoniae	45.6				0.918	12.5	4.35		2.06		5.4			5.85				14.5	
All pathogens	507	23.9	5.13	18.9	16.9	93	62.6	9.04	133	0.05	16.9	0.176	0.58	67.5	6.27	0.031	43.7	9.42	0.096
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

<2.5k

Suriname

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	1,670	1,100		1,580	1,250	1,280	1,360	1,460	1,480										
Citrobacter spp.	144	18.1		40.3		23.3	94.9	72.9	61.9										
Enterobacter spp.	856	164		298		199		467	443								580		
Enterococcus faecalis	295								282									35.9	
Enterococcus faecium	441								437									139	
Other enterococci	322								322									19.4	
Escherichia coli	1,730	402	1,670		1,380	179	778		866								1,190		
Group A Streptococcus	118										118								
Group B Streptococcus	273								113		206				15.6				
Haemophilus influenzae	32		18.8					17.6											
Klebsiella pneumoniae	1,600	630			1,390	144	1,170		984								1,270		
Morganella spp.	8.31						1.5	1.69	7.68										
Mycobacterium tuberculosis	5.8									1.44			3.28			0.558			0.516
Neisseria gonorrhoeae	5.74							0.038	5.72										
Proteus spp.	210	15.9	193					40.6	77.7									134	
Pseudomonas aeruginosa	854	418		363		544	418	297	466										
Salmonella Typhi	58.8								47.1			14.3							
Non-typhoidal Salmonella	5.2								5.2										
Serratia spp.	158	59.6		47.8		41.4	101	56.6	41.2										
Shigella spp.	1.53								1.53										
Staphylococcus aureus	1,580								573		1,030			1,370				423	23.5
Streptococcus pneumoniae	1,450				273	331	384		113		836				699			1,070	
All pathogens	11,800	2,810	1,880	2,330	4,300	2,740	4,360	2,350	6,330	1.44	2,190	14.3	3.28	1,370	714	0.558	4,670	218	0.516
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts



Suriname

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

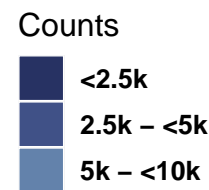
Acinetobacter baumannii	523	46.7		62.4	1.61	207	13.7	2.88	189										
Citrobacter spp.	40.6	0.948		7.58		5.54	8.66	8.11	9.79										
Enterobacter spp.	196	9.56		27.5		44.6		28.2	52								34.2		
Enterococcus faecalis	80.2								69.4									10.7	
Enterococcus faecium	115								82.4									32.2	
Other enterococci	65.7								62.2									3.51	
Escherichia coli	421	24.6	23.2		73.3	39.8	102		87.1								71.1		
Group A Streptococcus	11.3										11.3								
Group B Streptococcus	42.7								19.9		19.9			2.82					
Haemophilus influenzae	7.87		2.68				5.19												
Klebsiella pneumoniae	412	47.4			36.6	36.9	160		66.9								64.4		
Morganella spp.	1.85						0.153	0.27	1.42										
Mycobacterium tuberculosis	2.41									0.207			1.75			0.145			0.298
Neisseria gonorrhoeae	0.562						0.011		0.551										
Proteus spp.	25.4	0.903	4.41				9.43		5.39								5.24		
Pseudomonas aeruginosa	202	11.4		21.5		95	19.1	4.9	49.6										
Salmonella Typhi	11.4								9.7			1.73							
Non-typhoidal Salmonella	1								1										
Serratia spp.	39.6	3.57		8.95		11	7.26	4.42	4.41										
Shigella spp.	0.29								0.29										
Staphylococcus aureus	463								24.3		36			362			35	5.58	
Streptococcus pneumoniae	293				5.09	71.4	31.3		13.1		33.3			45.8			92.8		
All pathogens	2,950	145	30.3	128	117	511	357	48.8	748	0.207	100	1.73	1.75	362	48.6	0.145	303	52	0.298
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts
 <2.5k
 2.5k – <5k

The Bahamas

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	516	389		491	436	452	493	454	513										
Citrobacter spp.	27.7	5.28		5.56		9.94	17.6	11	10.6										
Enterobacter spp.	186	39.3		76.8		50		93.4	71.4								120		
Enterococcus faecalis	139								126									26.4	
Enterococcus faecium	296								293									136	
Other enterococci	126								126									10.1	
Escherichia coli	1,020	135	966		816	83.9	480		583								703		
Group A Streptococcus	35.4										35.4								
Group B Streptococcus	109								29.3		93			4.2					
Haemophilus influenzae	15.1		7.25				10.1												
Klebsiella pneumoniae	881	239			789	90.6	518		556								715		
Morganella spp.	4.04						0.902	1.13	3.54										
Mycobacterium tuberculosis	34									0.442			9.35			22.7			1.49
Neisseria gonorrhoeae	3.12						0.023		3.11										
Proteus spp.	120	27.1	112				23.9		59.5								73.9		
Pseudomonas aeruginosa	513	185		221		387	220	193	315										
Salmonella Typhi	29.3								24.2			6.33							
Non-typhoidal Salmonella	1.66								1.66										
Serratia spp.	51.6	14.9		14.5		13.6	33.8	25.7	11										
Shigella spp.	0.724								0.724										
Staphylococcus aureus	1,070								675		777			601			253	15	
Streptococcus pneumoniae	654				133	262	128		25.5		466			194			476		
All pathogens	5,830	1,030	1,090	809	2,170	1,350	1,930	777	3,430	0.442	1,370	6.33	9.35	601	198	22.7	2,340	188	1.49
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB



The Bahamas

DALYs (count) *attributable* to bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	165	16.1		7.03	0.193	73.1	2.95	0.244	65.8										
Citrobacter spp.	8.13	0.304		0.884		2.56	1.87	0.897	1.62										
Enterobacter spp.	42.4	2.41		7.83		12.1		4.81	7.91								7.31		
Enterococcus faecalis	39.1								30.7									8.42	
Enterococcus faecium	82.7								51.4									31.3	
Other enterococci	26								24.2									1.86	
Escherichia coli	250	8.21	11.6		42.3	18.7	64.7		62									42.4	
Group A Streptococcus	3.4										3.4								
Group B Streptococcus	15.3								5.06		9.4			0.874					
Haemophilus influenzae	3.91		0.94				2.97												
Klebsiella pneumoniae	216	19.2			29.5	23.4	67.5		38.8									37.1	
Morganella spp.	0.915						0.087	0.189	0.639										
Mycobacterium tuberculosis	12									0.064			5.1			5.93			0.868
Neisseria gonorrhoeae	0.306						0.006		0.3										
Proteus spp.	15.4	1.22	2.42				5.11		4.08									2.58	
Pseudomonas aeruginosa	123	4.63		8.61		67.2	6.23	2.42	33.6										
Salmonella Typhi	5.73								4.97			0.762							
Non-typhoidal Salmonella	0.256								0.256										
Serratia spp.	13.5	0.888		2.84		3.68	2.42	2.49	1.16										
Shigella spp.	0.11								0.11										
Staphylococcus aureus	233								30.1		29.4			147				22.6	4.26
Streptococcus pneumoniae	131				1.66	57.7	2.08		2.83		19.2			6.33				41.2	
All pathogens	1,390	53	15	27.2	73.6	258	156	11	365	0.064	61.4	0.762	5.1	147	7.2	5.93	153	45.9	0.868
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

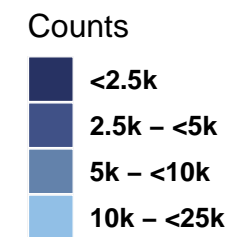
Counts

<2.5k

Trinidad and Tobago

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	2,030	1,440		1,910	1,550	1,630	1,680	1,860	2,000										
Citrobacter spp.	124	27.9		26.6		21.3	83.6	55.2	53										
Enterobacter spp.	785	176		288		215		382	295							537			
Enterococcus faecalis	652								625									84.7	
Enterococcus faecium	1,120								1,110									499	
Other enterococci	513								512									42.8	
Escherichia coli	3,740	518	3,500		2,970	385	1,880		2,280							2,550			
Group A Streptococcus	153										153								
Group B Streptococcus	400								104		341			13.2					
Haemophilus influenzae	55.1		32.1					31.5											
Klebsiella pneumoniae	3,340	886			2,990	328	1,950		2,080							2,680			
Morganella spp.	14.4							2.93	3.29	12.9									
Mycobacterium tuberculosis	14.1									4.33			7.34			1.28			1.16
Neisseria gonorrhoeae	10.3							0.072		10.3									
Proteus spp.	456	70.5	422					87.5		212							296		
Pseudomonas aeruginosa	1,860	813		792		1,330	741	634	1,100										
Salmonella Typhi	111								93.7			21.7							
Non-typhoidal Salmonella	7.58								7.58										
Serratia spp.	228	65.6		58.2		68.7	162	89	46										
Shigella spp.	1.31								1.31										
Staphylococcus aureus	4,270								2,060		3,000			3,810			1,030	60.2	
Streptococcus pneumoniae	2,270				468	826	761		97.4		1,510			967			1,620		
All pathogens	22,200	4,000	3,960	3,080	7,980	4,800	7,380	3,030	12,700	4.33	5,010	21.7	7.34	3,810	980	1.28	8,710	687	1.16
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB



Trinidad and Tobago

DALYs (count) *attributable* to bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	641	60.9		45.3	0.744	262	6.38	4.72	261										
Citrobacter spp.	35.1	1.62		5.05		5.04	9.11	6.11	8.21										
Enterobacter spp.	177	11		27.8		52.2		19.9	32.4								33.5		
Enterococcus faecalis	177								153									24.5	
Enterococcus faecium	310								196									114	
Other enterococci	106								97.9									7.83	
Escherichia coli	937	31	38.7		141	84.8	247		244								150		
Group A Streptococcus	14.6										14.6								
Group B Streptococcus	55.9								18		34.8			3.11					
Haemophilus influenzae	13.7		4.42					9.24											
Klebsiella pneumoniae	812	71.5			115	85.7	255		145								139		
Morganella spp.	3.23							0.303	0.552	2.37									
Mycobacterium tuberculosis	5.48									0.61			3.88			0.328			0.664
Neisseria gonorrhoeae	1.02							0.021		0.997									
Proteus spp.	57.3	3.33	9.3					19.3		14.6								10.8	
Pseudomonas aeruginosa	434	21.2		36.5		230	21.3	7.91	118										
Salmonella Typhi	21.6								19			2.58							
Non-typhoidal Salmonella	1.25								1.25										
Serratia spp.	60.7	3.91		11.3		18.7	14.2	7.73	4.85										
Shigella spp.	0.217								0.217										
Staphylococcus aureus	1,270								83.6		102			989				80.1	13.6
Streptococcus pneumoniae	483				4.67	181	46.3		10.6		61.4				41.6			138	
All pathogens	5,620	204	52.5	126	261	919	628	46.9	1,410	0.61	213	2.58	3.88	989	44.7	0.328	551	160	0.664
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

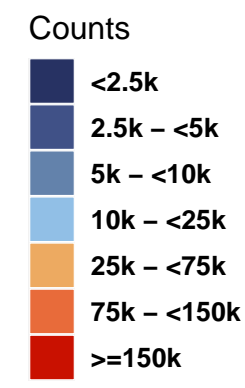
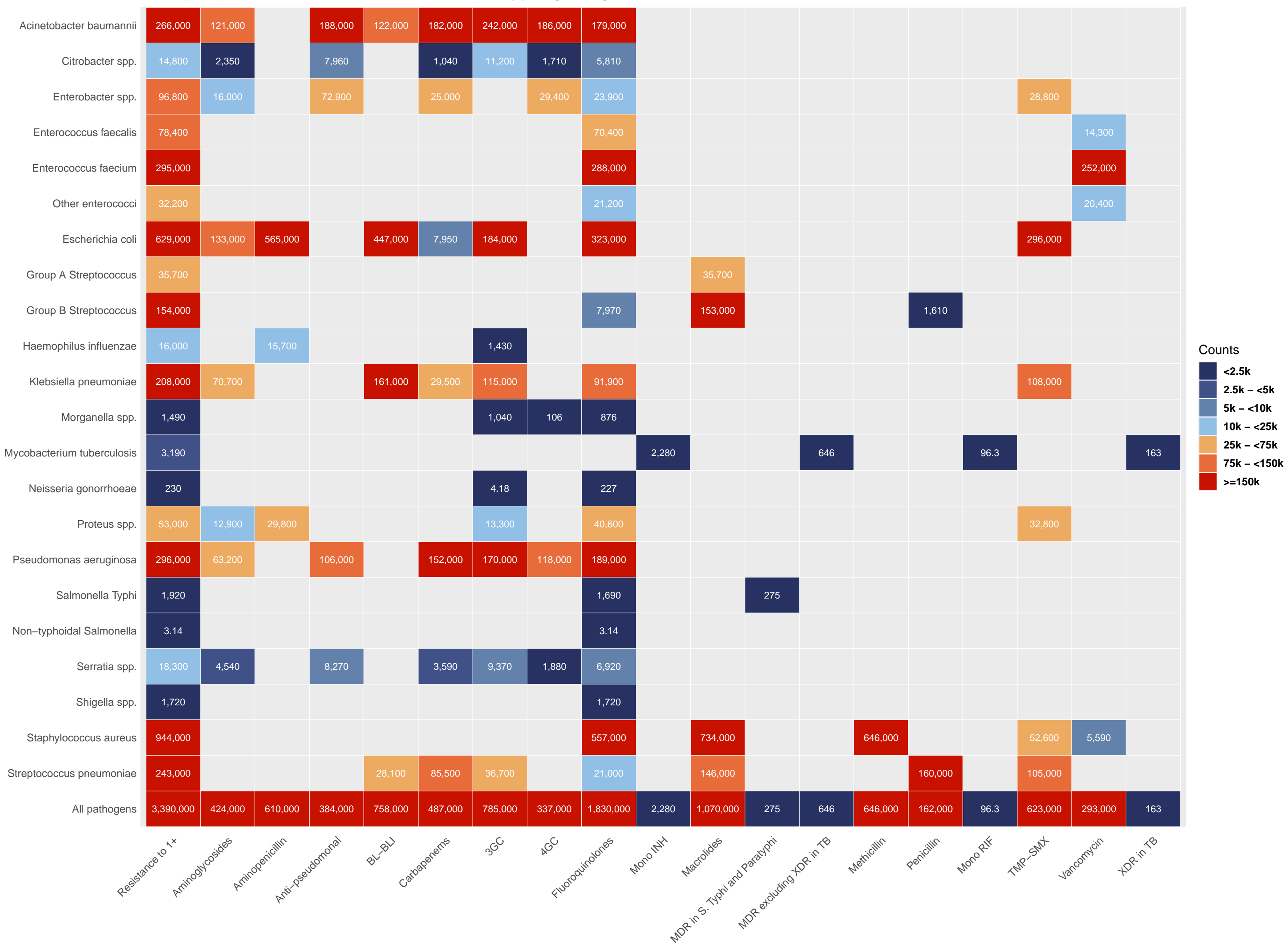
Counts

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5k – <10k

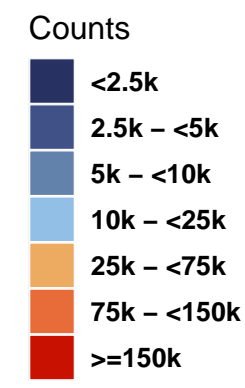
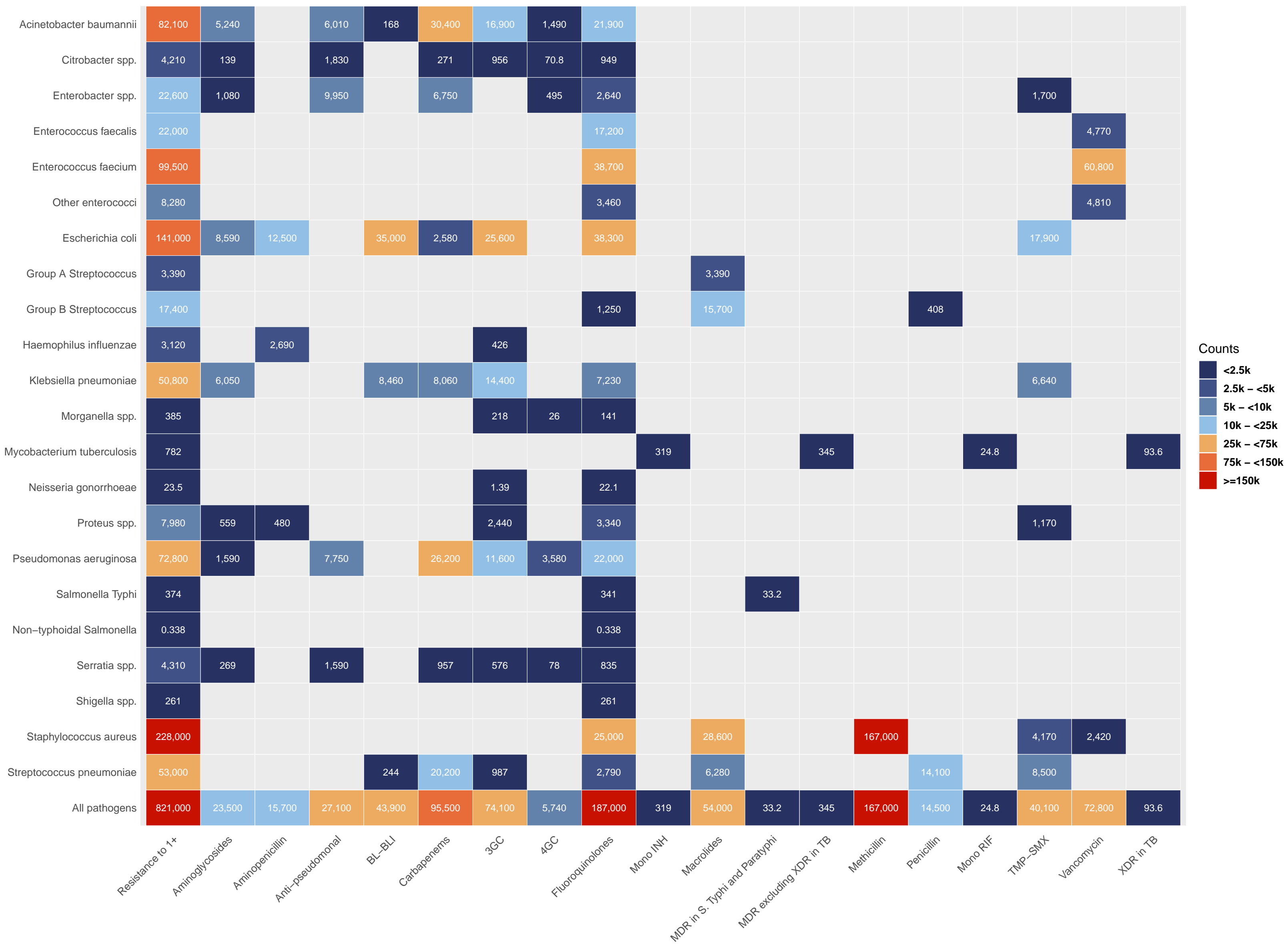
United States of America

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



United States of America

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

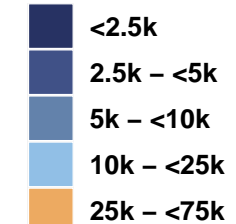


Uruguay

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019

Acinetobacter baumannii	4,110	2,710		3,840	3,130	3,510	4,000	3,910	3,480										
Citrobacter spp.	269	15.1		77.6		45.8	220	99	73.1										
Enterobacter spp.	1,500	211		861		450		858	349							569			
Enterococcus faecalis	811								749									108	
Enterococcus faecium	3,160								3,140									1,290	
Other enterococci	1,320								1,310									443	
Escherichia coli	9,560	1,400	8,860		6,640	1,640	2,890		2,470							5,240			
Group A Streptococcus	160										160								
Group B Streptococcus	817								261		664			18.5					
Haemophilus influenzae	96.9		72.5					36.9											
Klebsiella pneumoniae	7,190	1,980			6,110	1,320	5,930		3,990							4,540			
Morganella spp.	30.8							19.2	6.56	18.2									
Mycobacterium tuberculosis	32.8									15.5			10.9			3.68			2.74
Neisseria gonorrhoeae	16.1							0.051		16									
Proteus spp.	1,120	94.9	1,080					359		357							480		
Pseudomonas aeruginosa	4,890	1,570		2,530		2,800	3,270	2,240	2,730										
Salmonella Typhi	59.2								53			7.01							
Non-typhoidal Salmonella	8.24								8.24										
Serratia spp.	499	151		116		74.2	346	312	61										
Shigella spp.	0.449								0.449										
Staphylococcus aureus	7,540								2,860		5,810			4,640			400	171	
Streptococcus pneumoniae	4,910				791	2,700	748		156		3,590				2,450		2,700		
All pathogens	48,100	8,130	10,000	7,420	16,700	12,500	17,800	7,430	22,100	15.5	10,200	7.01	10.9	4,640	2,470	3.68	13,900	2,010	2.74
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts

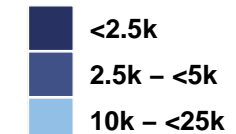


Uruguay

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

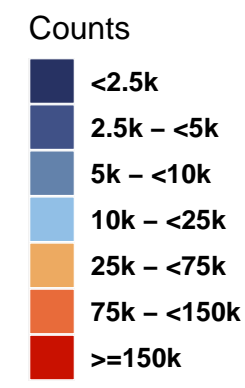
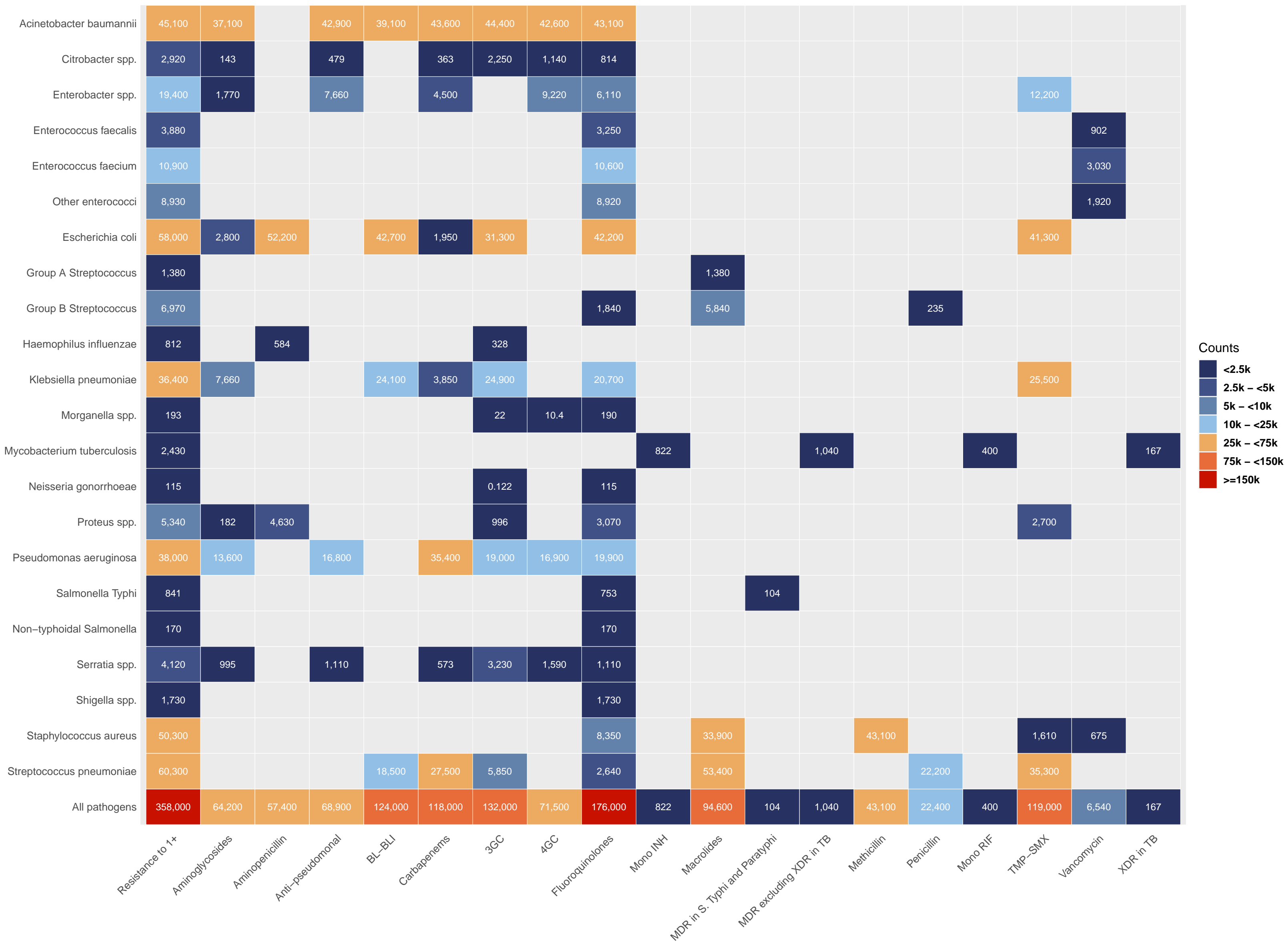
Acinetobacter baumannii	1,310	115		97.5	0.396	593	44.2	28.2	433										
Citrobacter spp.	78.4	0.851		17		11.8	27	10.6	11.1										
Enterobacter spp.	363	13.7		108		121		49.2	37								34.2		
Enterococcus faecalis	223								186									36.6	
Enterococcus faecium	857								562									295	
Other enterococci	300								226									74.2	
Escherichia coli	2,250	96.5	222		484	446	396		256								346		
Group A Streptococcus	15.4										15.4								
Group B Streptococcus	118								46		66.8			4.68					
Haemophilus influenzae	22		11.2					10.8											
Klebsiella pneumoniae	2,020	166			127	331	864		296								233		
Morganella spp.	7.9						3.45	1.45	3.01										
Mycobacterium tuberculosis	10.6									2.24			5.87			0.957			1.58
Neisseria gonorrhoeae	1.58						0.022		1.56										
Proteus spp.	154	5.14	23.2				82.5		25.3								18		
Pseudomonas aeruginosa	1,250	41.1		202		498	171	46.5	295										
Salmonella Typhi	11.8								11			0.885							
Non-typhoidal Salmonella	1.45								1.45										
Serratia spp.	127	8.98		24.9		20.3	26.8	39.7	6.56										
Shigella spp.	0.075								0.075										
Staphylococcus aureus	1,710								134		252			1,240			36.5	48.3	
Streptococcus pneumoniae	1,120				1.67	634	2.5		17.1		149				105		215		
All pathogens	11,900	447	256	449	613	2,660	1,630	176	2,550	2.24	483	0.885	5.87	1,240	109	0.957	882	454	1.58
	Resistance to 1+	Aminoglycosides	Aminopenicillin	Anti-pseudomonal	BL-BLI	Carbapenems	3GC	4GC	Fluoroquinolones	Mono INH	Macrolides	MDR in S. Typhi and Paratyphi	MDR excluding XDR in TB	Methicillin	Penicillin	Mono RIF	TMP-SMX	Vancomycin	XDR in TB

Counts



Venezuela

DALYs (count) associated with bacterial antimicrobial resistance by pathogen–drug combinations, 2019



Venezuela

DALYs (count) *attributable to bacterial antimicrobial resistance by pathogen–drug combinations, 2019*

