

1 Supplementary Table S6. Associations among resistances in gram-negative bacteria meeting
 2 thresholds of 0.05 support, 0.10 RAR support, 0.8 confidence and 1.5 lift in at least one time
 3 period. Note that only two significant digits are shown, but the percent change was calculated
 4 before rounding. *Major difference of 25% or more in support or lift, or 10% or more in
 5 confidence.

Association	Support			Confidence			Lift		
	2000-2009	2010-2020	Change	2000-2009	2010-2020	Change	2000-2009	2010-2020	Change
[Gentamicin] -> [Trimethoprim-Sulfamethoxazole]	0.17	0.18	4%	0.91	0.93	3%	2.55	1.89	* -26%
[Chloramphenicol] -> [Trimethoprim-Sulfamethoxazole]	0.16	0.19	* 26%	0.90	1.00	* 11%	2.53	2.03	-20%
[Gentamicin] -> [Tetracycline]	0.12	0.18	* 50%	0.64	0.87	* 36%	2.89	3.11	8%
[Chloramphenicol] -> [Tetracycline]	0.10	0.16	* 62%	0.60	0.80	* 33%	2.72	2.87	5%
[Enrofloxacin] -> [Trimethoprim-Sulfamethoxazole]	0.07	0.13	* 89%	1.00	1.00	0%	2.81	2.03	* -28%
[Tetracycline] -> [Trimethoprim-Sulfamethoxazole]	0.17	0.27	* 59%	0.77	0.91	* 18%	2.16	1.84	-15%

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