Table S4. Detection of frequency and geographic distribution of pharmaceuticals in groundwater (2017_2018_2019).

Period		2017			2018		2019		
Season		March April			May June		April May		
Station Nr.		1	2	3	4	5	6	7	
Pharmacoterapeutical Group	**Active Substances**								Frequence (n=7) $(d/n)\times100$ %[1]
Antibiotics Quinolones	Ciprofloxacin	X	X			X			43
	Enrofloxacin		X			X			29
	Norfloxacin				X		X		29
Trimethoprim	Trimethoprim		X			X			29
Tetracyclines	Tetracycline					X			14
Lincosamides	Lincomycin				X			X	29
Beta-lactamase inhibitors	Clavulanic acid		X						14
Renal Dehydropeptidase-I inhibitor	Cilastatin		X						14
Antiviral	Abacavir			X					14
	Geographic distribution	1	5	1	2	4	1	1	∑ 15 detected active substances
	Region	North	Centre	Centre	West /Tejo	West /Tejo	Alentejo	Alentejo	West/Tejo: 6 – 43% Centre: 6 – 43% Alentejo: 2 – 14% North: 1 – 7%

[1]Frequency = $(d/n)\times100$, where d=number of detections and n=number of stations.