

Supplementary Data

Table S1: Non parametric statistics of Total coliform, Faecal coliform and *Escherichia coli* referred to each environmental type/subset.

Environmental type/subset	Total coliform			Faecal coliform			<i>Escherichia coli</i>		
	1	2+3	4	1+4	2	3	1	3	4
N	1139	434	370	1900	201	240	176	472	43
Median	9	0	12	0	0	0	10	0	0
75 th perc.	90	9	178	9	0	0	98	1	1
85 th perc.	246	20	700	25	0	2	480	2	2
90 th perc.	462	34	1273	68	0	10	840	3	2
95 th perc.	918	237	3172	185	9	63	3050	8	5
99 th perc.	2216	5504	24160	1088	60	10623	13517	18	10
Max	176667	100678	171036	86000	1300	17509	54421	105	10
Skewness	33.2	18.2	11.2	39.9	13.3	8.0	9.9	11.7	3.1
Kurtosis	1115.7	352.8	135.9	1670.5	181.5	67.3	111.8	157.2	9.8

1 = marine ports of 1st and 2nd Class; 2 = marine ports of 3rd Class; 3 = Coastal marine areas; 4 = Port channel in brackish environments.

Table S2: Non parametric statistics of enterococci and SRCs referred to each environmental type/subset.

Environmental type/subset	Enterococci				SRCs			
	1	2	3	4	1	2	3	4
N	1427	243	312	816	1493	227	251	743
Median	4	0	0	0	31	0	6	129
75 th perc.	35	0	3	5	717	12	28	595
85 th perc.	106	2	9	20	3191	48	66	1390
90 th perc.	214	4	24	48	13056	121	114	2697
95 th perc.	652	10	49	190	59675	396	204	7449
99 th perc.	3041	576	1719	2356	200990	1053	1374	27934
Max	9410	2880	6246	21918	1422376	1333	3320	110000
Skewness	8.6	10.3	9.9	15.6	13.8	4.3	7.0	9.6
Kurtosis	89.1	107.4	106.1	276.7	223.4	18.7	61.1	105.9

1 = marine ports of 1st and 2nd Class; 2 = marine ports of 3rd Class; 3 = Coastal marine areas; 4 = Port channel in brackish environments.

Table S3: Non parametric statistics of TBC (at 22°C and 37°C) and fungi referred to each environmental type/subset.

Environmental type/subset	TBC 22°C			TBC 37°C			Fungi			
	1	2+4	3	1	2+4	3	1	2	3	4
N	365	12	55	393	22	55	137	95	192	174
Median	177785	940	90	148437	1095	160	68	0	0	20
75 th perc.	961538	1680	140	938337	2015	304	194	0	27	85
85 th perc.	1875469	2220	240	1560776	2451	380	412	3	64	156
90 th perc.	2604609	2880	272	2225812	3036	576	662	18	124	202
95 th perc.	4625913	3180	469	3347368	3461	832	1675	39	268	480
99 th perc.	17510724	3356	1881	7038779	5186	2417	3822	289	2561	5003
Max	65615141	3400	3080	15548281	5640	4020	75178	644	3323	16842
Skewness	10.9	1.0	6.2	5.2	1.6	5.8	11.5	7.9	7.0	10.1
Kurtosis	152.5	0.0	41.8	37.9	3.1	38.3	134.2	66.7	51.8	113.1

1 = marine ports of 1st and 2nd Class; 2 = marine ports of 3rd Class; 3 = Coastal marine areas; 4 = Port channel in brackish environments.

Table S4: Percentiles of the main distribution of raw data below which the distribution of each environment type/subset is included.

Total coliform	Environ. type	1	2+3	4	
	Percentile	< 98 th	< 95 th	< 98 th	
Faecal coliform	Environ. type	1+4	2	3	
	Percentile	< 94 th	< 95 th	< 95 th	
<i>Escherichia coli</i>	Environ. type	1	2	3	
	Percentile	< 96 th	< 96 th	< 94 th	
Enterococci	Environ. type	1	2	3	4
	Percentile	< 95 th	< 96 th	< 96 th	< 94 th
SRCs	Environ. type	1	2	3	4
	Percentile	< 100 th	< 95 th	< 25 th	< 98 th
TBC 22°	Environ. type	1	2+4	3	
	Percentile	< 100 th	< 100 th	< 99 th	
TBC 37°	Environ. type	1	2+4	3	
	Percentile	< 100 th	< 100 th	< 100 th	
Fungi	Environ. type	1	2	3	4
	Percentile	< 100 th	< 53 th	< 97 th	< 98 th

1 = marine ports of 1st and 2nd Class; 2 = marine ports of 3rd Class; 3 = Coastal marine areas; 4 = Port channel in brackish environments.