

**Supplementary Table 1:** Cross tabulation of the fresh and frozen gastric samples.

The cells have been coloured to indicate: agreement between fresh and frozen (green), higher pH observed in the frozen sample (blue) and higher pH in the fresh Sample (orange).

Fresh	Frozen														Total
	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	
2	42	2	0	0	0	0	0	0	0	0	0	0	0	0	44
2.5	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3
3.5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
4.5	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.5	0	1	0	0	0	0	1	1	2	2	0	0	0	0	7
6	0	0	0	0	0	0	0	1	1	0	0	1	0	0	3
6.5	0	0	0	0	0	0	1	1	2	1	0	0	0	0	5
7	0	0	0	0	0	0	0	0	0	4	1	4	0	0	9
7.5	0	0	0	0	0	0	0	0	1	1	1	4	2	0	9
8	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
8.5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
9	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
<b>Total</b>	42	3	4	1	3	1	3	3	6	8	3	9	5	1	92