

Supplementary Table 2 Comparison of the percentage of cows with systemic treatments, the number of treatments and the cost of treatments by detection of Coliforms

Variables	All cows			Below the cut off value group (Below the cut off value 17.8 copies/10 ng DNA)			Above the cut off value group (Above the cut off value 17.8 copies/10 ng DNA)		
	No	Yes	<i>P</i> Value	No	Yes	<i>P</i> Value	No	Yes	<i>P</i> Value
Detection of Coliforms	(89 quarters of 83 cows)	(9 quarters of 8 cows)		(30 quarters of 27 cows)	(4 quarters of 3 cows)		(45 quarters of 42 cows)	(5 quarters of 5 cows)	
The percentage of cows with systemic treatments (%)	66.3	75	0.633	44.4	33.3	0.795	88.1	100	0.675
The number of treatments	3.0 (3.0-6.0)	3.0 (2.0-7.3)	0.836	3.0 (1.0-5.0)	2.0 (2.0-3.0)	0.647	4.0 (3.0-6.0)	7.0 (3.0-8.0)	0.372
Drug prices (yen)	1,563 (513-4,005)	2,663 (1,692-7,129)	0.154	1,035 (257-3,082)	2,630 (2184-7,129)	0.176	2,453 (513-4,294)	2,696 (1,557-13,507)	0.47
Technical fees for medical treatment (yen)	1,560 (760-3,100)	2,230 (1,830-4,830)	0.224	1,260 (250-2,710)	2,020 (1,640-2,210)	0.647	2,060 (1,560-3,340)	3,080 (2,060-10,080)	0.303

Excluding house call fee and inspection fee, such as culture tests. Cows without records of the information mentioned above were excluded. No coliforms were detected in the Negative group. aDate are reported as median and interquartile range.

There were no significant differences in the percentage of cows with systemic treatments, the number of treatments and the medical fees by detection of Coliforms.