

Somatic cell count in dairy goats II: Udder health monitoring at goat and herd level

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Additional file 1

Figure A1: Prevalence (percent infected udder halves) of the most common bacteriology findings at each farm during five sampling events

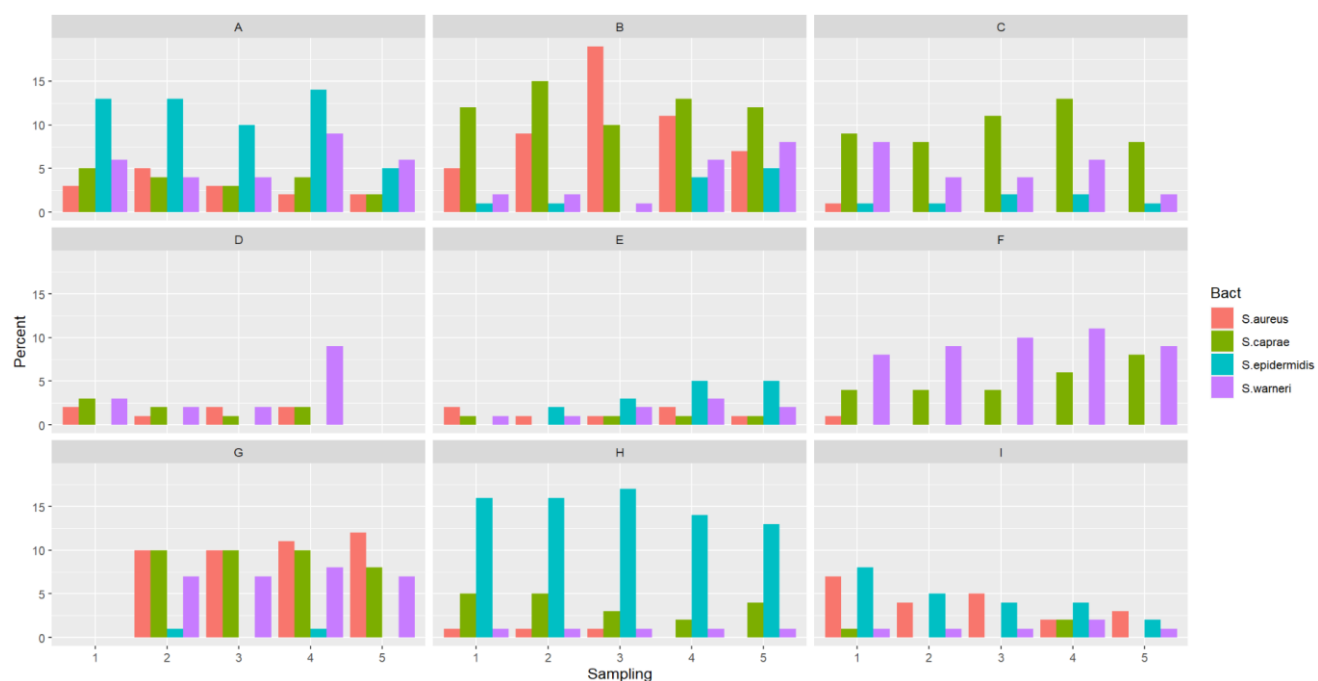


Table A1: Somatic cell count (x1000 cells/mL), median, quartile 1 (q1) and quartile 3 (q3) according to *S. aureus* status (*S. aureus* detected SAUR= 1, *S. aureus* not detected SAUR=0), parity and sampling period. Observations with sparse growth of *S. aureus* (1-5 colony forming units) were excluded. Number of observations (n) and number of goats (n_goats)

Parity	SAUR	Period	mean	sd	median	q1	q3	n	n_goats
First	0	spring	261	535	100	50	230	351	170
First	0	pasture	528	961	270	110	690	193	155
First	0	fall	517	835	230	90	537,5	356	168
First	1	spring	3287	3089	2660	1040	3840	9	8
First	1	pasture	4462	3217	4235	1825	6872	4	4
First	1	fall	2062	1691	1748,5	727,5	3379,25	6	4
Second	0	spring	427	830	150	70	410	362	156
Second	0	pasture	1090	1280	685	257,75	1292,5	196	148
Second	0	fall	745	931	420	170	952,5	363	160
Second	1	spring	2743	2357	2240	720	3435	15	12
Second	1	pasture	5764	2719	6255	4495	7603,5	16	16
Second	1	fall	2154	1657	1760	1175	2110	27	21
Third	0	spring	403	603	170	70	400	199	102
Third	0	pasture	1476	2104	650	280	1430	93	87
Third	0	fall	825	1221	445	140	930	180	90
Third	1	spring	2521	1715	2265	1205	3372,5	12	8
Third	1	pasture	7058	3942	9870	3030	9940	5	5
Third	1	fall	4496		4496	4496	4496	1	1
Fourth	0	spring	501	951	180	75	440	211	111
Fourth	0	pasture	1952	2178	1190	407,5	2570	112	102
Fourth	0	fall	790	962	524,5	240	997,5	202	105
Fourth	1	spring	2035	2032	1290	910	1750	13	11
Fourth	1	pasture	6549	3380	6927	4348	9588,5	11	11
Fourth	1	fall	3415	2805	2155	1627,5	4555	16	11
≥Fifth	0	spring	422	651	190	90	480	352	187
≥Fifth	0	pasture	1757	1579	1190	692,5	2387,5	178	171
≥Fifth	0	fall	907	1073	585	280	1187,5	320	170
≥Fifth	1	spring	2091	1232	2155	1497,5	2540	12	10
≥Fifth	1	pasture	4622	1933	4420	3640	5650	9	9
≥Fifth	1	fall	2953	1333	2530	1955	3504	7	5