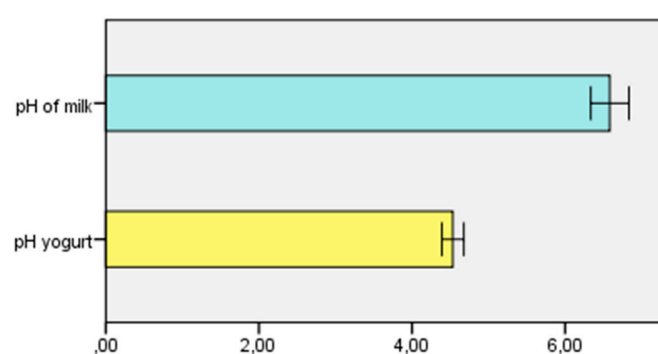


# Supplementary Materials:

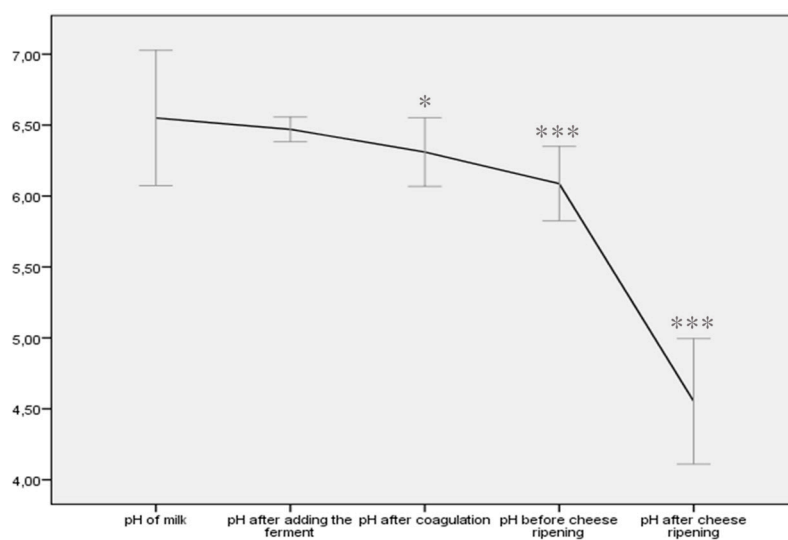
**Table S1.** Characteristics of the sampled farms.

Dairy farm characteristic	Number of cows	Average milk production	Grazing	Grass silage	Straw	Vetch	Alfalfa	Corn silage	Concentrate
		L/cow /day	h/day	kg fresh matter /cow/ day					
1	41	21.00	Yes	5.00	0.00	3.00	0.00	0.00	6.00
2	38	23.00	Yes	0.00	0.00	1.00	1.00	0.00	7.00
3	35	15.00	Yes	0.00	0.00	0.00	0.00	0.00	4.50
4	61	25.00	Yes	5.00	0.00	0.00	0.00	0.00	10.00
5	14	25.00	Yes	5.00	0.00	0.00	0.00	0.00	9.00
6	240	36.00	No	10.00	0.50	2.00	2.00	16.00	12.00
7	60	32.00	No	20.00	0.00	1.50	0.00	20.00	10.00
8	75	34.00	No	8.00	0.00	0.00	2.00	25.00	11.50
9	50	30.00	No	6.00	1.00	0.00	2.00	20.00	7.00
10	44	34.00	No	10.00	0.00	1.50	0.00	20.00	10.00

L/cow /day: liter per cow per day, h/day: hour per day, kg fresh matter /cow/ day: kilogram of fresh matter per cow per day



**Figure S1.** Mean pH and standard deviation for milk and yogurt.



**Figure S2.** Evolution of pH in milk, during cheese manufacture and ripening. \* $P < 0.05$ , \*\* $P < 0.01$ , \*\*\* $P < 0.001$