

Table S1. Distribution of explanatory variables associated with *Mycobacterium tuberculosis* complex seropositivity in goats in Southern Spain.

Variable	Categories	N/total	%	P
Sex	Female	429/1881	22.8	0.088
	Male	4/34	11.8	
Breed	Purebred	150/729	20.6	0.227
	Crossbred	304/1376	22.1	
Province	Almeria	138/300	46.0	< 0.001
	Cadiz	17/180	9.4	
	Cordoba	36/158	22.8	
	Granada	67/240	27.9	
	Huelva	14/120	11.7	
	Jaen	28/90	31.1	
	Malaga	89/480	18.5	
Sevilla	84/587	14.3		
Production system	Meat	27/101	26.7	0.118
	Milk	255/1112	22.9	
	Mixed	151/767	19.7	
Management system	Intensive	172/690	24.9	< 0.001
	Semi-intensive	262/1172	22.4	
	Extensive	27/263	10.3	
Natural mating	No	6/30	20.0	0.518
	Yes	429/1980	21.7	
Artificial insemination	No	426/1965	21.7	0.479
	Yes	9/45	20.0	
Type of replacement	External	126/672	18.8	0.009
	Internal	347/1483	23.4	
Census of goats per farm	≤ 240	127/727	17.5	0.001
	241-492	166/721	23.0	
	≥ 493	180/707	25.5	
Pre-breeding census	≤ 32	158/713	22.2	0.964
	33-86	160/708	22.6	
	≥ 87	142/645	22.0	
Presence of dogs	No	11/60	18.3	0.306
	Yes	462/2095	22.1	
Presence of cats	No	210/777	27.0	< 0.001
	Yes	260/1348	19.3	
Presence of cattle	No	402/1674	24.0	< 0.001
	Yes	60/407	14.7	
Presence of pigs	No	430/1798	23.9	< 0.001
	Yes	35/313	11.2	
Presence of equines	No	288/1276	22.6	0.216
	Yes	185/879	21.0	
Presence of poultry	No	265/1047	25.3	< 0.001
	Yes	208/1108	18.8	
Presence of wild boar	No	361/1483	24.3	< 0.001
	Yes	112/672	16.7	
Presence of red deer	No	432/1838	23.5	< 0.001
	Yes	41/317	12.9	
Presence of fallow deer	No	458/2063	22.2	0.111
	Yes	15/92	16.3	
Presence of mouflon	No	454/2063	22.02	0.438
	Yes	19/92	20.7	
Presence of badger	No	411/1776	23.1	0.002
	Yes	62/379	16.4	
Distance to nearest farm (m)	≤ 10	102/642	15.9	< 0.001
	11- 1,000	231/929	24.9	

	≥ 1,001	87/344	25.3	
Transhumance in the last three years	No	370/1542	24.0	0.015
	Yes	61/332	18.4	
Disinfection baths (entry)	No	370/1542	24.0	0.015
	Yes	61/332	18.4	
Perimeter livestock fencing	No	93/332	28.0	0.007
	Yes	341/1583	21.5	
Dung removal system	No	12/55	21.8	0.454
	Yes	400/1696	23.6	
Use of manure as fertilizer	No	96/331	29.0	0.002
	Yes	330/1548	21.3	
Presence of hospital pen	No	428/1918	22.3	0.130
	Yes	20/115	17.4	
Hospital pen inside the regular stables	No	268/1027	26.1	< 0.001
	Yes	111/645	17.2	
Quarantine of replacement animals	No	311/1392	22.3	0.184
	Yes	118/482	22.9	
Carcass container	No	230/1179	19.5	< 0.001
	Yes	181/556	32.6	
Carcass removal system	No	21/195	10.8	< 0.001
	Yes	413/1720	24.0	
Parking outside the farm	No	193/857	22.5	0.420
	Yes	241/1047	23.0	
Livestock transport vehicles enter the farm perimeter	No	164/791	20.7	0.040
	Yes	270/1113	24.3	
Carcass vehicle is allowed to enter the farm perimeter	No	131/563	23.3	0.388
	Yes	278/1157	24.0	
Contact with wild species in feeders	No	451/1977	22.8	0.002
	Yes	22/167	13.2	
Contact with wild species in drinkers	No	443/1932	22.9	0.002
	Yes	30/212	14.2	
Contact with wild species in ponds	No	397/1785	22.2	0.356
	Yes	76/359	21.2	
Contact with wild species in pastures	No	375/1527	24.6	< 0.001
	Yes	98/617	15.9	
Contact with cattle from neighboring farms	No	324/1330	24.4	< 0.001
	Yes	99/615	16.1	
Contact with porcine from neighboring farms	No	376/1557	24.1	< 0.001
	Yes	47/388	12.1	
Contact with sheep from neighboring farms	No	199/838	23.7	0.036
	Yes	224/1107	20.2	
Indirect contact with other farms (machinery)	No	169/870	19.4	0.014
	Yes	254/1075	23.6	
Indirect contact with other farms (staff)	No	216/1006	21.5	0.327
	Yes	257/1149	22.4	
Indirect contact with other farms (pastures)	No	413/1829	22.6	0.052
	Yes	60/326	18.4	
Indirect contact with other farms (troughs)	No	438/2040	21.5	0.018
	Yes	35/115	30.4	
Use of public roads	No	399/1838	21.7	0.313
	Yes	46/196	23.5	
Presence of rodents	No	200/796	25.1	0.056
	Yes	229/796	21.9	
Rodent control	No	77/325	23.7	0.301
	Yes	302/1362	22.2	

Cleaning protocol	No	49/180	27.2	0.114
	Yes	369/1612	22.9	
Disinfection protocol	No	34/135	25.2	0.331
	Yes	384/1657	23.2	
Animal insecticide treatment	No	93/406	22.9	0.436
	Yes	290/1296	22.4	
Vaccination against enterotoxemia	No	122/537	22.7	0.375
	Yes	322/1468	21.9	
Vaccination against pasteurellosis	No	332/1449	22.9	0.100
	Yes	112/556	20.1	
Vaccination against enzootic abortion	No	379/1763	21.5	0.038
	Yes	65/242	26.9	
Vaccination against contagious agalactia	No	119/650	18.3	0.002
	Yes	325/1355	24.0	
Vaccination against paratuberculosis	No	403/1467	21.6	0.448
	Yes	47/178	20.9	

* Missing values omitted.