

Table S1. Zonal statistics of 28 case studies computed on a circular areas buffer approximating the size of the entire study site. Topographic variables: ELEVation, SLOPe. Climatic variables: TEMPerature, PRECipitation. Anthropic variables: CATTLE, GOAT, SHEEP, POPulation density on 1951, POPulation density on 2011, Road DEnsity and Road distance median.

Ca-St ID	SITE	ELEV [m a.s.l.]	SLOP [°]	TEMP [°C]	PREC mm	CATTLE [head/km ²]	GOAT [head/km ²]	SHEEP [head/km ²]	POP51 [inh/km ²]	POP11 [inh/km ²]	Road_DE [km/ha]	Road_dist_med [N]
		DEM-ISPRA		WorldClim		Livestock Geo_wiki			ISTAT		National Geoportal	
1	ROM	348	7	15	651	14	1	110	19	17	No road	No road
2	OLT	919	15	9	1023	9	0	0	78	27	No road	No road
4	SRB	317	13	12	854	15	1	4	98	123	6.7	481
5	BTO	1169	18	9	847	11	1	23	54	42	5.1	849
8	MTV	722	23	10	954	4	0	1	60	33	10.8	297
9	LRB	581	22	11	903	5	1	4	25	12	4.2	796
10	MOS	706	31	10	977	3	1	3	32	13	No road	No road
11	CSM	942	24	9	906	3	2	12	95	56	7.4	660
12	CAR	566	32	11	902	1	3	2	87	41	5.3	577
13	SPA	867	33	9	907	0	0	0	51	28	No road	No road
16	PHI	56	7	15	844	2	1	22	104	83	10.1	444
17	GAR	500	14	12	778	3	0	1	104	96	19.6	179
18	SIP	331	9	13	735	4	0	34	68	60	8.1	601
19	PDO	884	14	11	626	7	0	14	34	17	No road	No road
20	ACQ	729	25	12	848	3	1	51	68	33	17.1	940
22	MIC	1126	30	9	835	2	3	2	23	11	3.2	1279
24	RIE	706	17	12	846	11	1	24	87	88	6.2	680
28	SIM	1169	20	9	833	6	1	7	56	41	3.7	1094
31	LEA	286	10	14	915	16	2	15	107	164	3.8	1031
32	MOM	1442	25	8	746	10	2	51	38	21	1.6	1612
33	TAB	736	20	12	717	18	10	38	146	128	5.7	640
34	CDA	577	15	13	731	5	1	12	317	383	9.5	439
36	AGV	805	12	12	751	20	7	40	51	40	6.1	626
38	SMR	1208	15	10	881	4	5	5	61	52	5	740
39	SSB	890	10	12	914	4	8	9	151	118	4.2	836
43	FCA	983	23	11	756	0	0	0	48	55	No road	No road
44	LEB	677	18	12	854	4	3	7	114	127	No road	No road
45	LEC	796	20	12	842	13	3	18	110	116	0.2	3483