

Table S1. Sampled villages with name, major ethnic group, number of households, altitude, major crops, presence of collective forest(s), and proportion of households with forest fragments on their allocated land.

ID	Village name	Ethnic group	Number of households	Altitude (m above sea-level)	Main crops	Have collective forest?	Households with fragments (%)
1	<i>Kunhanxiaozaizhai</i>	Bulang	30	1138	rubber, tea	yes	60
2	<i>Kunhandazhai</i>	Bulang	40	1016	rubber, tea	yes	0
3	<i>Nanmuhe</i>	Bulang	20	616	rubber, tea	yes	50
4	<i>Dagantian</i>	Dai	22	925	rubber, tea	yes	100
5	<i>Manxiang</i>	Dai	28	590	rubber, rice, maize	no	0
6	<i>Manlongmai</i>	Dai	35	578	rubber, rice, maize	no	0
7	<i>Bakalaozhai</i>	Jinuo	67	1087	rubber, tea, mango, pomelo, macadamia	yes	50
8	<i>Bakaxinzhai</i>	Jinuo	49	1187	rubber, tea, mango, pomelo, macadamia	yes	73
9	<i>Luokelaozhai</i>	Jinuo	32	1258	rubber, tea, mango, pomelo, macadamia	yes	50
10	<i>Luokexinzhai</i>	Jinuo	35	1253	rubber, tea, mango, pomelo, macadamia	yes	75
11	<i>Babie</i>	Jinuo	50	1083	rubber, tea, mango, pomelo, macadamia	yes	90
12	<i>Yinchangshangzhai</i>	Jinuo	16	1016	rubber, pomelo, mango, maize	no	0
13	<i>Yinchangxiazhai</i>	Jinuo	23	867	rubber, pomelo, mango, maize	no	0
14	<i>Dazhailaozhai</i>	Dai	58	916	maize, rice, pumpkin	yes	8
15	<i>Dazhaixinzhai</i>	Dai	58	935	maize, rice, pumpkin	yes	0
16	<i>Nebian</i>	Dai	32	935	maize, rice, pumpkin	yes	0
17	<i>Nafalaozhai</i>	Dai	30	895	maize, rice, pumpkin	yes	0

18	<i>Nafaxinzhai</i>	Dai	30	906	maize, rice, pumpkin	yes	0
19	<i>Menghun</i>	Dai	20	932	maize, rice, pumpkin	yes	0
20	<i>Manchangzhai</i>	Dai	28	660	rubber, rice	yes	0
21	<i>Manzhangzhai</i>	Dai	16	648	rubber, rice	yes	100
22	<i>Chengzizhai</i>	Dai	50	644	rubber, rice	yes	0
23	<i>Manxixiazhai</i>	Bulang	31	690	rubber	yes	0
24	<i>Manhuojing</i>	Bulang	35	735	rubber	yes	0
25	<i>Manmabang</i>	Hani	105	1382	tea, sugarcane, rice	yes	90
26	<i>Yahang</i>	Hani	38	1419	tea, sugarcane, rice	yes	100
27	<i>Papen</i>	Hani	17	1725	tea, sugarcane, rice	yes	100
28	<i>Pazhenxiaoze</i>	Hani	24	1770	tea, sugarcane, rice	yes	100
29	<i>Shuihelaoze</i>	Hani	71	1850	tea, sugarcane, rice	yes	100
30	<i>Shuihexinzhai</i>	Hani	113	1888	tea, sugarcane, rice	yes	100
31	<i>Shuiheyutang</i>	Hani	56	1750	tea, sugarcane, rice	yes	100
32	<i>Pazhenlaoze</i>	Hani	43	1700	tea, sugarcane, rice	yes	100
33	<i>Pazhenxinzhai</i>	Hani	90	1700	tea, sugarcane, rice	yes	100
34	<i>Jiu'ercun</i>	Hani	44	1700	tea, sugarcane, rice	yes	0
35	<i>Huofangsanzu</i>	Lahu	45	1400	sugarcane	yes	100
36	<i>Huofangsizu</i>	Lahu	45	1465	sugarcane	yes	75
37	<i>Manlang</i>	Lahu	40	1618	tea, sugarcane	yes	100
38	<i>Jingbolaoze</i>	Lahu	47	1743	tea, sugarcane	yes	75
39	<i>Jingboxinzhai</i>	Lahu	56	1094	tea, sugarcane	yes	100

40	<i>Meng'ang</i>	Bulang	150	1228	tea	yes	80
41	<i>Xinman'e</i>	Bulang	117	1306	tea	yes	60
42	<i>Mengnan</i>	Hani	87	1782	tea	yes	0
43	<i>Padian</i>	Bulang	78	1190	tea	yes	100
44	<i>Xinnandong</i>	Bulang	122	1220	tea	yes	80
45	<i>Xiaolongshan</i>	Yi	68	1739	tea, sugarcane	yes	100
46	<i>Laomadi</i>	Yi	109	1722	tea, sugarcane	yes	100
47	<i>Tuanjiedazhai</i>	Yi	140	1813	tea, sugarcane	yes	90
48	<i>Babinglaozhai</i>	Hani	105	1705	tea, sugarcane	yes	100
49	<i>Babingzhongzhai</i>	Hani	61	1733	tea, sugarcane	yes	67
50	<i>Manzhangdazhai</i>	Hani	79	1657	tea, sugarcane	yes	75
51	<i>Dahebian</i>	Yi	48	762	tea, rubber	yes	80
52	<i>Manzhuang</i>	Yi	33	1106	tea, rubber	yes	86
53	<i>Bazongzhai</i>	Yi	30	1138	tea	yes	100
54	<i>Mandi</i>	Dai	90	595	rubber, <i>Amomum villosum</i>	yes	80
55	<i>Melian</i>	Hani	26	1333	tea	yes	0
56	<i>Manlin</i>	Yi	44	1203	tea, rubber	no	48
57	<i>Choushuihe</i>	Yi	30	1053	rubber	yes	29
58	<i>Gaoshan</i>	Yi	68	1142	tea, rubber	yes	55
59	<i>Baodian</i>	Yi	36	1050	rubber	yes	55
60	<i>Mansai</i>	Dai	126	764	rubber, banana, <i>Amomum villosum</i>	yes	100
61	<i>Shimalu</i>	Yi	20	696	rubber	yes	83

62	<i>Xiazhongliang</i>	Hani	82	806	rubber		yes	22
63	<i>Manzhong</i>	Bulang	36	585	rubber		yes	0
64	<i>Manzhang</i>	Dai	70	586	rubber		yes	0
65	<i>Luoshuidong</i>	Yi	37	1393	tea	1		100
66	<i>Lianhuatang</i>	Yi	19	1238	tea	1		100
67	<i>Sanheshe</i>	Yi	86	1134	tea	1		100
68	<i>Akexiaozhai</i>	Hani	37	1215	rubber, tea, pineapple	1		0
69	<i>Medengxinzhai</i>	Hani	50	929	rubber, tea, pineapple	1		0