

Supplementary material

**Table S1.** Overview of 16 sampled villages and 45 hamlets

No.	Village/hamlet ID	2013 population within 10-km radius of the sample village (estimate)	<i>DefoPercap10km</i>	<i>PLWSdist</i>	<i>ProportionR14</i>	<i>ProportionO14</i>	Calculated probability of having affected resin-collecting households	Calculated probability of having affected other-NTFP-collecting households
1	1-1	7362	0.38	32.46	0.0000	0.0000	0.0016	0.0213
2	1-2	8132	0.34	32.59	0.0000	0.0000	0.0016	0.0204
3	1-3	8810	0.31	32.09	0.0000	0.0000	0.0017	0.0198
4	1-4	3961	0.71	31.34	0.0000	0.0000	0.0018	0.0292
5	1-5	21067	0.10	33.49	0.0000	0.0000	0.0014	0.0162
6	2	6194	0.63	19.42	0.0000	0.1200	0.0073	0.0555
7	3-1	4785	0.71	11.70	0.0000	0.0000	0.0175	0.0295
8	3-2	5875	0.57	13.70	0.0000	0.0000	0.0140	0.0259
9	3-3	7051	0.47	14.17	0.1250	0.1250	0.0194	0.0430
10	3-4	7051	0.47	14.66	0.0909	0.0909	0.0165	0.0371
11	4-1	5483	0.69	7.01	0.0476	0.0000	0.0345	0.0273
12	4-2	3894	1.09	5.32	0.0000	0.0000	0.0361	0.0425
13	5-1	3954	0.74	4.71	0.8421	0.5263	0.3606	0.1813
14	5-2	3954	0.78	5.47	0.8333	0.3333	0.3333	0.1125
15	6-1	3037	1.48	1.09	0.1667	0.0000	0.0932	0.0605
16	6-2	3037	1.50	1.54	0.2632	0.1053	0.1173	0.0898
17	6-3	3037	1.36	2.91	0.5000	0.0000	0.1919	0.0556
18	7	6194	0.55	18.62	0.0000	0.0400	0.0080	0.0276
19	8-1	3334	0.89	11.77	0.0000	0.0000	0.0173	0.0405
20	8-2	3334	1.07	12.58	0.0000	0.0000	0.0158	0.0342
21	8-3	3759	1.32	10.94	0.0000	0.0000	0.0192	0.0528

22	8-4	3334	1.74	9.28	0.0000	0.0000	0.0230	0.0892
23	9-1	2270	1.40	0.73	0.3529	0.0588	0.1619	0.0649
24	9-2	2270	1.32	0.10	0.0000	0.0000	0.0641	0.0535
25	9-3	1936	1.59	0.19	0.1667	0.1667	0.1024	0.1365
26	10	4059	0.94	8.23	0.1200	0.7200	0.0376	0.4698
27	11-1	3477	1.47	2.50	0.2000	0.1000	0.0885	0.1042
28	11-2	3477	1.49	2.67	0.0000	0.0000	0.0482	0.0680
29	11-3	3613	1.32	2.48	0.0000	0.1111	0.0493	0.0778
30	12-1	2100	1.35	31.24	0.0000	0.5909	0.0019	0.4577
31	12-2	1171	3.43	27.88	0.0000	0.0000	0.0027	0.3296
32	13-1	5512	0.60	8.98	0.0000	0.5000	0.0238	0.1760
33	13-2	5512	0.61	8.92	0.1111	0.5556	0.0338	0.1941
34	13-3	1441	1.31	2.17	0.0000	0.5000	0.0509	0.3364
35	13-4	4535	0.63	5.40	0.0000	0.5000	0.0357	0.2079
36	13-5	4535	0.64	6.43	0.0000	0.5000	0.0319	0.2095
37	14-1	4090	0.73	7.21	0.2000	0.3500	0.0533	0.1538
38	14-2	2257	1.28	7.29	0.0000	0.0000	0.0289	0.0582
39	14-3	4090	0.73	6.69	0.0000	0.3333	0.0309	0.1250
40	15-1	22741	0.12	11.75	0.1111	0.4444	0.0247	0.1145
41	15-2	24644	0.12	12.05	0.0000	0.1429	0.0170	0.0295
42	15-3	21148	0.14	11.36	0.0000	0.1111	0.0182	0.0297
43	16-1	31228	0.08	15.85	0.0000	0.0000	0.0109	0.0157
44	16-2	31997	0.09	16.47	0.0000	0.0000	0.0101	0.0159
45	16-3	31307	0.08	16.81	0.0000	0.0000	0.0098	0.0160

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*DefoPercap10km*: 2014–2016 deforestation area per capita (ha) within a 10-km radius of the village or hamlet; *PLWSdist*: linear distance between the PLWS and the centre

point of the sample village or hamlet; *ProportionR14*, proportion of resin-collecting households in our sample in each sampled village or hamlet in 2014; *ProportionO14*, proportion of households collecting other NTFPs for cash income in our sample in each sampled village or hamlet in 2014.

**Table S2.** Candidate models ( $\Delta_i < 7$ )

Rank	Model structure	$K$	Log likelihood	AICc	$\Delta_i$	$W_i$
<i>RESIN</i> model						
1	<i>PLWSdist, ProportionR14</i>	2	-22.47	53.95	0.00	0.49
2	<i>DefoPercap20km, PLWSdist, ProportionR14</i>	3	-22.21	55.96	2.01	0.18
3	<i>ProportionCFmember, PLWSdist, ProportionR14</i>	3	-22.29	56.12	2.17	0.17
4	<i>ProportionR14</i>	1	-25.62	57.83	3.88	0.07
5	<i>ProportionCFmember, DefoPercap20km, PLWSdist, ProportionR14</i>	4	-22.13	58.47	4.52	0.05
6	<i>DefoPercap20km, ProportionR14</i>	2	-25.51	60.03	6.08	0.02
7	<i>ProportionCFmember, ProportionR14</i>	2	-25.61	60.22	6.27	0.02
<i>OTHER</i> model						
1	<i>DefoPercap10km, ProportionO14</i>	2	-43.92	96.85	0.00	0.49
2	<i>DefoPercap10km, PLWSdist, ProportionO14</i>	3	-43.56	98.66	1.81	0.20
3	<i>ProportionCFmember, DefoPercap10km, ProportionO14</i>	3	-43.78	99.10	2.25	0.16
4	<i>ProportionCFmember, DefoPercap10km, PLWSdist, ProportionO14</i>	4	-43.45	101.11	4.26	0.06
5	<i>ProportionO14</i>	1	-47.37	101.32	4.47	0.05
6	<i>PLWSdist, ProportionO14</i>	2	-47.13	103.26	6.41	0.02
7	<i>ProportionCFmember, ProportionO14</i>	2	-47.35	103.70	6.85	0.02

$K$ , the number of estimable parameters; AIC, Akaike's information criterion;  $\Delta_i$ , AIC difference, with the lowest AIC for a model;  $W_i$ , Akaike weight; *DefoPercap10km*: 2014–2016 deforestation area per capita (ha) within a 10-km radius of the village or hamlet; *PLWSdist*, linear distance between the PLWS and the centre point of the sample village or hamlet; *ProportionR14*, proportion of resin-collecting households in our sample in each sampled village or hamlet in 2014; *ProportionO14*, proportion of households collecting other NTFPs for cash income in our sample in each sampled village or hamlet in 2014; *ProportionCFmember*, proportion of households with a CF member or members in our sample in each sampled village or hamlet in 2016.