

Reference :

- Advisory Committee on Malaria of Ministry of Public Health. (1996).
Malaria Situation in China in 1995. Journal of Chinese Parasitology and Parasitic Disease. 14, 169.
- Cho Min-Niang, (1996). Economic Analysis of Diagnosis and Treatment in the Malaria Control Project. Myanmar: A methodological approach. M.Sc. Thesis. Chulalongkorn University.
- Ettling, M. B. and Thimasarn, K. et al. (1994). Economic Impact of Malaria in Malawian Households, Tropical Medicine and Parasitology. 45 (1), 74-79.
- Tin, F (1992). Malaria Control in Myanmar. Southeast Asian J. Trop. Med. Public Health. 23 (suppl. 4), 51-54.
- Hu, H. (1998). Factors Influencing Malaria Endemicity in Yunnan Province. China. Bangkok, Mahidol University.
- Kaewsonthi, S. and Harding, A. G. et al. (1996). Assessing The Economic Impact of a Rapid on-site Malaria Diagnostic Test. Southeast Asian J. Trop. Med. Public Health. 27 (2), 210-215.
- Kamol-Ratanakul, P. and Dhanamum, B. et al (1993). Economic Analysis of Malaria Control for Migrant Worker in Eastern Thailand, Southeast Asian J. Trop. Med. Public Health. 24 (2). 216-220
- Kenneth E. W. & Bryan R. L. (1982). Cost-Benefit & Cost-Effectiveness Analysis in Health Care. Ann Arbor, Michigan, Health Administration Press.

- Kindson, C. (1993). Trade, Population Flow and Transnation Malaria Control. Southeast Asian J. Trop. Med. Public Health. 24 (4), 615-616.
- Mills, A. (1993). Is Malaria Control a Priority? Evidence from Nepal. Health Economics. 2 (4), 333-347.
- Pholsena, K. (1992). The Malaria Situation and Antimalaria Program in Laos. Southeast Asian J. Trop. Med. Public Health. 23 suppl 4: 39-42.
- Pornchaiwiseskul, P.(1993). Economics of Communicable Disease Control : Malaria in Thailand. A Dissertation of PH. D. University of Wisconsin-Madison.
- Prothero, R. M. (1965). Migrants and Malaria in African. Pittsburgh. University of Pittsburg press. 40-57.
- Singhanetra-Renard, A. (1986). Population Movement, Socio-economic Behavior and the Transmission of Malaria in Northern Thailand. Southeast Asian J. Trop. Med. Pub. Heal. 17 (3), 396-405 .
- Shen, J and Zhang, S. et al.(1998). Surveillance for Low - level Malaria. Transactions of the Royal Society of Tropical Medicine and Hygiene. 92 (2), 3-6.
- Somsamouth, K. (1998). Developing Information, Education And Communications Strategies For The Promotion Of The Use Of Insecticide Treatment Bed Nets for Malaria Prevention in Laos. M.PH Thesis, College of Public Health, Chulalongkorn University.

- Phan, V. T. et al. (1998). Epidemiological Characteristics of Malaria in Vietnam 1992-1997. Mekong Malaria Forum. 1 (12), 22 -30 .
- Wang, W. R. and Yang, Q. et al. (1994). Malaria Present Situation and Control Strategy in the Border Area in Yunnan Province. Annual report of YIMC in 1993-1994. 20-25.
- Wu, W. P. (1997). Allocation efficiency and equity of malaria control in Yunnan Province, China. M.Sc. thesis, Chulalongkorn University.
- Xu, J. W. & Liu, H. (1997). Border Malaria in Yunnan, China. Southeast Asian J. Trop. Med. Public Health. 28 (2), 456-459.
- Zhu, D. F. (1995). Analysis of Malaria Situation of Yunnan Province in 1995. Annual report of Yunnan Institute of Malaria Control 1995-1996, 7 - 15.

Appendix

Appendix : Table A. 1 The data of regression

	Loginc	Incf	Incnei	Vect	Sur
1	0.6074	NA	NA	NA	0.0346
2	0.5752	NA	NA	NA	0.0077
3	0.942	NA	NA	NA	0.0059
4	1.791	NA	NA	NA	0.0225
5	0.6665	NA	NA	NA	0.0104
6	0.6335	NA	NA	NA	0.0107
7	0.6263	NA	NA	NA	0.0058
8	1.4016	NA	NA	NA	0.0234
9	1.413	NA	NA	NA	0.0102
10	0.6425	NA	NA	NA	0.0051
11	0.415	NA	NA	NA	0.0012
12	0.9894	NA	NA	NA	0.0235
13	1.3021	NA	NA	NA	0.0154
14	0.9736	NA	NA	NA	0.0084
15	1.3743	NA	NA	NA	0.0077
16	0.9809	NA	NA	NA	0.0153
17	0.5786	NA	NA	NA	0.0028
18	1.0809	NA	NA	NA	0.012
19	2.2464	NA	NA	NA	0
20	1.3777	NA	NA	NA	0.0121
21	1.4954	NA	NA	NA	0.009
22	1.4273	NA	NA	NA	0.0063
23	1.1693	NA	NA	NA	0.0027
24	0.5944	NA	NA	NA	0.0047
25	1.512	NA	NA	NA	0.0132
26	1.7365	NA	NA	NA	0.0172

Appendix : Table A.1 The data of regression

	Loginc	Incf	Incnei	Vect	Sur
27	-0.3279	NA	NA	NA	0.0031
28	-0.1192	NA	NA	NA	0.0011
29	-0.886	NA	NA	NA	0
30	0.8007	NA	NA	NA	0.0164
31	0.7218	NA	NA	NA	0.0016
32	1.6421	NA	NA	NA	0.0032
33	1.7488	NA	NA	NA	0.0122
34	0.705	NA	NA	NA	0.0011
35	0.1614	NA	NA	NA	0.0022
36	0.0899	NA	NA	NA	0.0017
37	0.5145	NA	NA	NA	0.0024
38	0.0607	NA	NA	NA	0.0083
39	0.2041	NA	NA	NA	0.002
40	-0.2076	NA	NA	NA	0.0019
41	-0.2147	NA	NA	NA	0.0021
42	0.8215	NA	NA	NA	0.0013
43	0.6085	NA	NA	NA	0.0059
44	0.9685	NA	NA	NA	0.0008
45	-1	NA	NA	NA	0
46	-0.0269	NA	NA	NA	0.0076
47	0.9149	NA	NA	NA	0.005
48	-0.0605	NA	NA	NA	0.0138
49	0.334	63.049	1.452	0	0.00176
50	0.4409	261.23	13.09	0	0.00412
51	1.1199	99.077	70.052	0	0.00216
52	1.5379	216.168	56.758	1.1533	0.01889

Appendix : Table A.1 The data of regression

	Loginc	Incf	Incnei	Vect	Sur
53	1.49	387.301	120.125	0.2914	0.00486
54	0.42	90.07	102.916	0.1152	0.0077
55	0.6345	956.856	43.393	1.0938	0.00533
56	1.4417	4456.85	100.416	0.1086	0.00651
57	1.5134	500.5	103.295	0.0215	0.00378
58	0.7101	637	102.239	0.0225	0.00438
59	0.4698	318.5	149.496	0.7393	0.00167
60	1.0931	546	24.122	1.6393	0.01869
61	1.7835	455	8.437	3.8392	0.01116
62	0.4579	637	17.207	0.6328	0.01223
63	0.9499	204.75	21.045	0.618	0.00195
64	0.7043	364	17.862	0.1182	0.00339
65	0.5922	113.75	70.659	0.0069	0.00179
66	1.2256	318.5	81.665	0.3138	0.00853
67	1.4554	432.25	19.89	0.8488	0.03416
68	1.3612	113.75	38.439	0.2082	0.00827
69	1.5738	204.75	94.601	0.3794	0.00815
70	1.602	932.75	72.487	0.1897	0.00542
71	1.1199	705.25	88.699	0.0005	0.00077
72	0.6263	455	74.737	0.2009	0.00105
73	1.4136	796.25	24.94	0.3641	0.00949
74	1.3829	864.5	13.242	0.6082	0.001754
75	-0.585	0	12.733	0	0.0254
76	-0.3468	0	8.22	0	0.00082
77	-0.886	0	17.086	0	0
78	0.7084	0	60.917	0.07133	0.00899

Appendix : Table A.1 The data of regression

	Loginc	Incf	Incnei	Vect	Sur
79	-0.0223	0	58.177	0.06597	0.00189
80	1.4458	0	121.682	0.34544	0.01127
81	1.4814	0	150.038	0.232623	0.01389
82	0.9605	0	212.458	0.333416	0.0013
83	-0.0132	0	47.158	0.329411	0.0011
84	0.1931	0	92.642	0.874364	0.00203
85	0.5752	0	36.984	1.3596	0.00231
86	0.7143	0	21.98	0	0.00485
87	0.0128	0	22.413	0	0.00152
88	-0.1739	0	13.297	0	0.00118
89	-0.585	0	33.056	0.01703	0.00066
90	0.7649	0	15.05	0.00027	0.0014
91	0.6884	0	36.834	0.017702	0.00129
92	0.946	0	88.363	0.018271	0.00268
93	-1	0	19.516	0	0
94	0.1553	0	64.544	0.164958	0.00354
95	-1.1549	0	91.234	0	0.005
96	-0.7696	0	24.346	0	0.00229
97	0.1614	49.497	1.722	0	0.00191
98	0.48	205.06	6.697	0	0.00692
99	0.6493	77.781	61.733	0	0.00232
100	1.4765	169.7	32.55	8.5905	0.0176
101	1.255	304.05	94.385	4.7256	0.0066
102	0.3284	70.71	69.043	2.1692	0.0047
103	0.8621	1012.2	44.958	1.5492	0.0102
104	1.5444	4816.8	92.712	0	0.0033

Appendix : Table A.1 The data of regression

	Loginc	Incf	Incnei	Vect	Sur
105	1.4675	563.2	125.404	0	0.0115
106	0.6212	716.8	91.666	0	0.0029
107	0.3674	358.4	106.249	0.2142	0.0013
108	0.8457	614.4	16.252	10.6963	0.0067
109	1.587	512	5.831	12.05656	0.0107
110	1.2363	716.8	24.013	0.6025	0.0049
111	1.1694	230.4	36.859	0.3191	0.0025
112	0.658	409.6	27.37	0.114	0.0035
113	0.5185	128	58.686	0.02	0.0022
114	1.1841	358.4	36.168	0	0.0148
115	0.938	486.4	15.64	0	0.0364
116	1.2041	128	14.545	0	0.0095
117	1.1605	230.4	73.529	0	0.0055
118	1.4758	1049.6	35.646	0	0.0038
119	0.9759	793.6	69.744	0.002	0.0015
120	0.7324	512	68.931	0.076401	0.0009
121	1.4016	896	33.191	0.112	0.0098
122	1.2971	972.8	19.629	0.346604	0.012
123	-0.4685	0	11.18	0	0.00222
124	-0.3768	0	6.281	0	0.00078
125	-0.7447	0	8.26	0	0
126	0.6561	0	49.064	2.259845	0.01049
127	-0.0223	0	44.657	1.356895	0.00072
128	1.328	0	67.456	3.406406	0.00512
129	1.0715	0	105.8358	4.404929	0.00585
130	0.8831	0	133.5957	0.028657	0.00127

Appendix : Table A.1 The data of regression

	Loginc	Incf	Incnei	Vect	Sur
131	-0.041	0	47.169	0.661059	0.00119
132	0.3243	0	86.751	0.518703	0.00161
133	0.5786	0	22.784	1.005805	0.00173
134	0.0606	0	35.994	0	0.00693
135	0.1584	0	17.046	0	0.00161
136	-0.0862	0	14.633	0	0.00163
137	-0.2147	0	41.806	0	0.0013
138	0.6253	0	13.424	0.011491	0.00133
139	0.6474	0	27.569	0.012763	0.00256
140	0.7846	0	58.707	0	0.00265
141	0	0	22.618	0	0
142	0.0792	0	66.728	0.21965	0.00587
143	0.6425	0	82.281	0	0.00354
144	0	0	32.112	0	0.01186
145	0.1367	40.6	1.581	0	0.00166
146	0.3636	168.2	7.058	0	0.00347
147	0.6981	63.8	40.465	0	0.0017
148	1.2956	139.2	25.288	1	0.0177
149	1.1086	249.4	74.55	0.1091	0.00932
150	0.3541	58	63.176	0.9993	0.0085
151	0.8363	1200.84	70.088	0.0581	0.00549
152	1.7309	5752.18	164.916	0	0.00319
153	1.7292	455.4	181.876	0	0.01021
154	0.6335	579.6	166.542	0	0.00239
155	0.6304	289.8	101.904	0.0377	0.00174
156	1.0208	496.8	17.699	0.6677	0.00985

Appendix : Table A.1 The data of regression

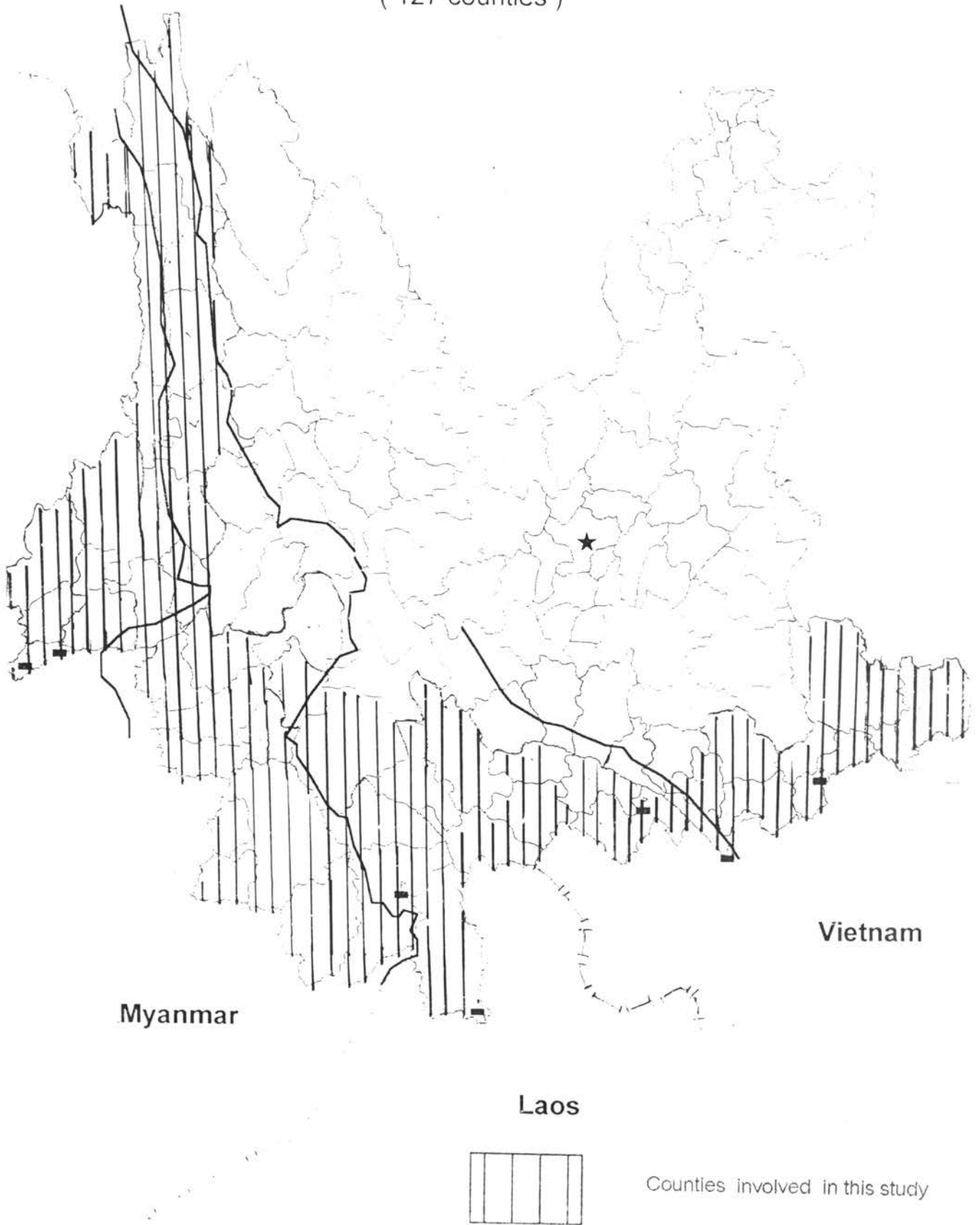
	Loginc	Incf	Incnei	Vect	Sur
157	1.4847	414	9.979	0.8326	0.01196
158	1.3712	579.6	27.115	0.1299	0.00465
159	1.2082	186.3	45.557	0.2295	0.00251
160	0.5464	331.2	32.338	0.1343	0.00357
161	0.7024	103.5	55.522	0.0112	0.00206
162	1.2038	289.8	54.788	0	0.01208
163	0.7042	393.3	20.875	0	0.03379
164	1.4109	103.5	18.871	0	0.01147
165	1.3904	186.3	76.853	0	0.00444
166	1.4094	848.7	54.033	0	0.00173
167	1.0554	641.7	65.537	0.0041	0.00118
168	0.5763	414	46.6	0.8798	0.00119
169	1.1593	724.5	33.091	0.8516	0.00994
170	1.2751	786.6	18.761	0.3433	0.002436
171	-0.4318	0	9.104	0	0
172	-0.5229	0	3.815	0	0
173	-1.301	0	17.086	0	0
174	0.3784	0	33.456	0.323866	0.006393241
175	-0.2218	0	35.538	0.194694	0.001322789
176	1.2497	0	49.017	5.729693	0.00369723
177	0.9375	0	95.244	0.999977	0.002346988
178	1.1136	0	105.399	0	0.00236
179	-0.0044	0	58.172	0	0.004879794
180	0.3384	0	144.524	0	0.00165689
181	0.3502	0	25.806	0	0.023427347
182	-0.0862	0	40.46	0	0.003431487

Appendix : Table A.1 The data of regression

	Loginc	Incf	Incnei	Vect	Sur
183	0.0828	0	14.651	0	0.00163995
184	-0.1426	0	15.949	0	0.000606742
185	0.1367	0	41.801	0	0.001149649
186	0.4814	0	14.09	0	0.001175496
187	0.3483	0	30.24	0.044714	0.001158402
188	0.9731	0	64.52	0	0.002713945
189	-0.301	0	13.808	0	0
190	-0.1487	0	39.782	0.544049	0.005482635
191	0.8519	0	59.197	0	0.003520755
192	-0.7696	0	38.748	0	0.004307523

The Map of Yunnan Province, China

(127 counties)



Curriculum Vitae

Name : Mr . Zhou Sheng
Date of Birth : May 9 ,1972
Place of Birth : Yunnan , China
Citizenship : Chinese
Address : Yunnan Institute of Malaria Control ,
6 , Xiyuan rd , Simao Yunnan , 665000
P . R . China

Education :

1990-1995 Bachelor degree of Kunming Medical College
science in medicine

Posts hold :

1995- Resident , Yunnan Institute of Malaria Control

