

**Table S1. Summary of information on ancient masonry**

Name of the ancient building	Height	Longitude	Latitude	Area	Year	of	Region
					establishment	Type	
Old Ditch, Yawing Village, Longquan Town, Haikou City	3	110.355021	19.812377	0	1236	Other types	Countryside
Anti-Japanese Wall in Meixiao Village, Haikou City	3	110.288104	19.898912	3560	1878	Defensive building	Suburbia
Fuxing Building, Meishe Village, Haikou City	18.6	110.227467	19.924316	29.67	1917	Defensive building	Countryside
Zhong Jinquan's Former Residence, Futong Village, Haikou City	3.5	110.463871	19.96651	2160	1911	House building	Suburbia
Former Residence of Zeng Xianxi, Maide Village, Haikou City	4	110.511577	19.995991	200	1718	House building	Countryside
				1600			
Hou Family Residence, Baodao Village, Haikou City	4	110.438317	19.715416	0	1892	House building	Countryside
Xing Clan Ancestral Hall, Shangshu Street, Fucheng Town, Haikou City	4	110.366679	20.005978	882	1827	Religious building	City district
Lin Hong Gao Wai Lou, Luowu Village, Sanjiang Town, Haikou City	10	110.624737	19.872545	1800	1922	Monumental building	Suburbia
				1200			
Haikou Qiongshan Ancient City Wall	6.5	110.370961	20.009078	4	971	Defensive building	City district
				3897			
Haikou Old Arcade Street	15	110.34879	20.048462	0	1849	House building	City district
				8050			
Haikou City Five Ancestral Hall	9	110.366281	20.013831	0	1097	Garden building	City district
Haikou Municipal Drum Tower	7.56	110.36694	20.006365	870	1372	Monumental building	City district
Haikou Rufu Stone Pagoda	10.2	10.209413	19.946656	58.4	1280	Religious building	Countryside
Chen Mingxing Residence, Yimen Village, Wenchang City	4	110.809398	19.491263	527	1920	House building	City district
Wang Zhaosong's Former Residence, Yimen Village, Wenchang City	6	110.810108	19.490258	846	1912	House building	City district
Fu Family Mansion, Songshuxia Village, Touyuan Township, Wenchang City	10	110.801224	19.660137	1300	1918	House building	Countryside
Wenchang City Puzian Old Street Arcade	12	110.588556	20.029872	5000	1920	House building	Suburbia
Wenchang City Doushou Pagoda	20	110.607756	20.093503	95	1625	Religious building	Countryside
				4700			
Xibei Academy, Puzian Town, Wenchang City, China	8	110.589203	20.034907	0	1893	House building	Suburbia
Meilang Twin Pagodas, Meilang Village, Meiting Township, Chengmai County.	17	110.166826	19.805347	5700	1320	Religious building	Countryside
				1340			
Chengmai County Damei Village Volcano Folk House	3	110.145802	19.819022	0	1200	House building	Countryside
Volcanic Houses in Shihshi Village, Chengmai County	3	110.047566	19.955276	0	1000	House building	Suburbia
				2000			
Volcanic Folk House in Longji Village, Chengmai County	3	110.161709	19.957052	0	1000	House building	Suburbia
Volcanic dwellings in Tanchang Village, Chengmai County	3	110.062216	19.957559	4500	1050	House building	Suburbia
Wu Shuang's former residence, Qi Village, Bailian Town, Chengmai County	5	110.117718	19.914334	200	1123	House building	Suburbia
Hanging Tower in Meitao Village, Chengmai County	15	110.112127	19.899209	30	1900	Defensive building	Countryside
Li's Former Residence, Luoyi Village, Chengmai County	4	110.120748	19.90389	1900	1723	House building	Suburbia
Hu Family Mansion, Dingcheng Town, Ding'an County	6	110.327278	19.703195	1000	1714	House building	Suburbia
Wang Yingdu's former residence, Chunnei Village, Ding'an County.	4.5	110.328898	19.650671	2000	1870	House building	Countryside
Ancient City Wall on West Gate Street, Dingcheng Township, Ding'an County	3	110.324808	19.705178	2500	1466	Defensive building	Suburbia
Ancient City Wall on North Gate Street, Dingcheng Township, Ding'an County	6	110.325941	19.707239	2000	1466	Defensive building	Suburbia
Dingcheng Township "Seeing Dragon Pagoda", Ding'an County	25	110.359031	19.68506	82.77	1767	Religious building	Suburbia
				3200			
Ding'an County Arcade, Ding'an County	10	110.325762	19.70668	0	1920	House building	Suburbia
Wuding Gate of Danzhou Old City, Zhonghe Town, Danzhou City	5.5	109.354539	19.750991	105	622	Defensive building	Countryside
Danzhou Furusheng Town Haimen, Zhonghe Town, Danzhou City	6	109.356095	19.749516	85	622	Defensive building	Countryside
Gangmen Village Arcade, Sanya City	15	109.141463	18.365514	7000	1910	House building	Countryside
Yingwang Pagoda, Yazhou District, Sanya City	15	109.165125	18.377093	300	1851	Monumental building	Countryside
Ji Dawen's Former Residence, Jinghu Village, Ledong City	9	108.941563	18.477654	2800	1855	House building	Countryside
Ancient House in Huangliu Village, Ledong City	6.5	108.799436	18.51205	5000	1500	House building	Suburbia
				1000			
Folo North Village (Arcade), Ledong City	7	108.739341	18.589348	0	1915	House building	Suburbia
Chaozhou Hall, Chaoyang Street, Wanning Town, Wanning City	5	110.409795	18.804009	4587	1770	House building	City district
Former residence of Yang Jingshan, Houlang Village, Wanning City	5	110.397503	18.805043	200	1893	House building	City district
Huang's Residence, Shanxian Village, Zhongyuan Town, Qionghai City	12	110.469015	19.139737	1300	1933	House building	Countryside
				3032.			
Qionghai Jukui Pagoda	30	110.511482	19.288071	44	1599	Monumental building	City district