

Table S1. Additional basic statistics data of the three cities in Eastern Guangdong

City	Years	National Land area (km ²)	Resident population (10 ⁴)	Paddy area (ha)	Dry land area (ha)	Soybean planting area (ha)	Peanut acreage (ha)	Year-end inventory of cattle (10 ⁴)	Year-end inventory of goat (10 ⁴)
Shantou	2000	2064.00	467.78	48,605.08	8372.30	498.00	2317.00	0.25	39.78
	2005	2064.00	494.45	30,222.00	5025.00	398.00	1429.00	0.40	36.98
	2010	2248.00	539.62	29,387.00	1910.00	259.00	1341.00	0.19	44.31
	2015	2199.04	555.21	28,267.15	4666.02	253.00	1286.00	0.26	45.01
Chaozhou	2000	3110.00	240.44	38,758.29	9166.35	999.00	2998.00	0.21	53.18
	2005	3110.00	252.01	36,817.00	8352.00	694.00	2131.00	0.17	45.48
	2010	3100.00	267.21	27,047.00	2692.00	377.00	1674.00	0.20	35.58
	2015	3145.93	264.05	25,985.92	8470.42	364.00	1473.00	0.24	39.91
Jieyang	2000	5240.00	524.61	96,976.08	24,732.79	3256.00	11,250.00	1.66	103.73
	2005	5240.00	559.69	95,109.00	25,273.00	3567.00	10,476.00	5.43	105.98
	2010	5266.00	588.30	94,200.00	22,607.00	3036.00	7384.00	1.38	98.09
	2015	5265.38	605.89	67,454.75	19,032.13	3061.00	7607.00	1.34	94.63

City	Years	Year-end inventory of pigs (10 ⁴)	Year-end inventory of poultry (10 ⁴)	Rice yield (10 ⁴ t)	Soybean yield (10 ⁴ t)	Peanut yield (10 ⁴ t)	Vegetable yield (10 ⁴ t)
Shantou	2000	39.78	987.89	52.17	0.11	0.65	146.41
	2005	36.98	908.61	35.74	0.08	0.36	154.87
	2010	44.31	938.26	31.57	0.05	0.33	151.02
	2015	45.01	853.86	32.57	0.05	0.34	177.68
Chaozhou	2000	53.18	652.47	39.32	0.21	0.73	56.35
	2005	45.48	526.00	33.06	0.14	0.48	53.06
	2010	35.58	635.69	20.68	0.08	0.40	40.31
	2015	39.91	582.00	21.31	0.08	0.36	48.15
Jieyang	2000	103.73	1343.62	82.04	0.67	2.80	157.61
	2005	105.98	1104.56	68.12	0.76	2.56	188.81
	2010	98.09	999.40	47.04	0.72	2.32	171.46
	2015	94.63	885.09	47.90	0.77	2.49	220.42