

Supplement materials

S1. table Age-specific height reference value for Chinese boys aged 7 to 17 years (cm)

Age	Height percentile						
	<i>P</i> ₅	<i>P</i> ₁₀	<i>P</i> ₂₅	<i>P</i> ₅₀	<i>P</i> ₇₅	<i>P</i> ₉₀	<i>P</i> ₉₅
7	115.7	117.9	121.5	125.5	129.5	133.3	135.4
8	120.6	122.9	126.5	130.7	134.9	138.7	141.0
9	125.0	127.4	131.4	135.8	140.3	144.2	146.6
10	130.0	132.1	136.1	140.8	145.4	149.8	152.4
11	133.7	136.4	141.0	146.0	151.3	156.5	159.7
12	138.4	141.2	146.0	152.0	158.6	164.1	167.3
13	145.1	148.2	154.0	160.2	166.2	170.7	173.4
14	151.6	155.0	160.4	165.7	170.5	175.0	177.5
15	157.2	160.0	164.4	169.0	173.4	177.4	180.0
16	160.0	162.4	166.3	170.5	174.9	178.8	181.0
17	161.2	163.3	167.1	171.4	175.6	179.5	181.9

S2. table Age-specific height reference value for Chinese girls aged 7 to 17 years (cm)

Age	Height percentile						
	<i>P</i> ₅	<i>P</i> ₁₀	<i>P</i> ₂₅	<i>P</i> ₅₀	<i>P</i> ₇₅	<i>P</i> ₉₀	<i>P</i> ₉₅
7	114.3	116.5	120.1	124.1	128.1	131.9	134.0
8	119.2	121.5	125.2	129.3	133.6	137.2	139.6
9	124.0	126.4	130.3	135.0	139.6	143.9	146.5
10	129.1	131.8	136.0	141.2	146.3	150.7	153.3
11	134.2	137.1	142.0	147.3	152.7	157.1	159.6
12	139.7	142.6	147.5	152.5	157.1	160.9	163.5
13	145.6	148.0	152.0	156.1	160.0	163.8	166.0
14	148.2	150.4	154.0	157.8	161.6	165.1	167.2
15	149.2	151.4	154.8	158.4	162.2	166.0	168.0
16	150.0	151.7	155.2	159.0	162.8	166.3	168.3
17	150.1	152.0	155.3	159.2	163.1	166.6	168.8

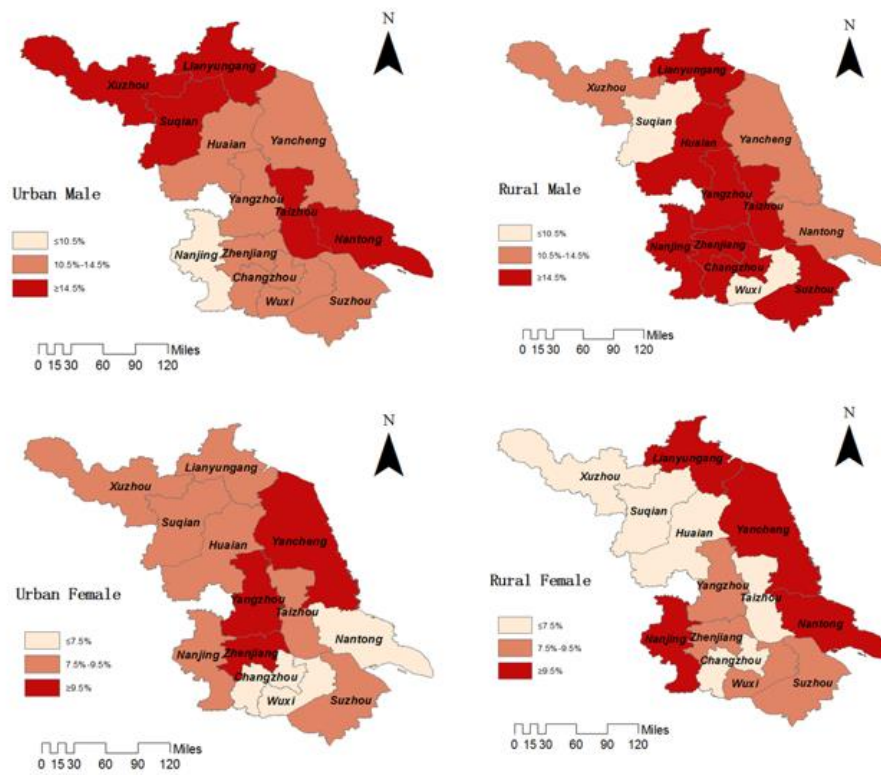
S3. table Percentiles of Blood Pressure Levels for Boys by Age and Height (mmHg)

Age	Blood	Systolic pressure	Diastolic pressure
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pressure percentile e	Height percentile								Height percentile								
	$< P_5$	$\geq P_5$	$\geq P_{10}$	$\geq P_{25}$	$\geq P_{50}$	$\geq P_{75}$	$\geq P_{90}$	$\geq P_{95}$	$< P_5$	$\geq P_5$	$\geq P_{10}$	$\geq P_{25}$	$\geq P_{50}$	$\geq P_{75}$	$\geq P_{90}$	$\geq P_{95}$	
7	P_{95}	108	110	112	113	115	117	118	121	72	74	74	74	75	77	78	79
8	P_{95}	110	112	113	115	117	119	120	124	73	75	75	76	76	78	80	80
9	P_{95}	112	114	114	117	119	121	122	126	74	76	76	77	77	79	81	81
10	P_{95}	113	115	116	119	121	123	125	129	75	76	76	78	78	80	81	82
11	P_{95}	115	116	117	120	123	126	128	131	76	77	77	79	79	81	81	82
12	P_{95}	116	117	119	122	125	128	130	133	77	77	78	79	80	81	82	83
13	P_{95}	117	119	122	125	127	130	132	134	78	78	79	80	81	82	82	83
14	P_{95}	120	122	125	128	129	131	133	135	79	79	80	81	82	83	83	84
15	P_{95}	123	126	128	130	131	132	133	136	80	80	82	82	83	83	83	84
16	P_{95}	127	129	130	131	132	133	134	136	81	82	83	83	84	84	84	85
17	P_{95}	129	131	131	132	133	134	135	136	82	83	84	84	85	85	85	86

S4. table Percentiles of Blood Pressure Levels for girls by Age and Height (mmHg)

Age	Blood pressure percentile e	Systolic pressure								Diastolic pressure							
		Height percentile								Height percentile							
		$< P_5$	$\geq P_5$	$\geq P_{10}$	$\geq P_2$	$\geq P_5$	$\geq P_7$	$\geq P_9$	$\geq P_9$	$< P_5$	$\geq P_5$	$\geq P_{10}$	$\geq P_2$	$\geq P_5$	$\geq P_7$	$\geq P_9$	$\geq P_9$
7	P_{95}	109	109	111	111	113	115	117	121	73	73	74	74	74	75	76	77
8	P_{95}	110	110	113	113	115	117	119	123	74	74	75	75	76	77	78	78
9	P_{95}	112	112	114	115	117	119	121	124	75	76	76	77	77	78	79	81
10	P_{95}	113	114	116	117	119	121	123	125	77	77	78	78	79	79	80	81
11	P_{95}	115	116	117	119	121	123	124	126	78	78	79	79	79	80	81	81
12	P_{95}	116	117	119	121	122	124	125	126	79	79	79	80	80	80	81	81
13	P_{95}	118	119	120	122	123	124	125	126	79	79	80	80	80	80	81	81
14	P_{95}	120	120	121	122	123	124	125	126	80	80	80	80	80	80	81	81
15	P_{95}	122	121	122	123	123	124	126	126	80	80	80	80	80	81	82	82
16	P_{95}	122	122	122	123	123	125	126	126	80	80	80	80	81	81	82	82
17	P_{95}	122	122	123	124	124	125	126	126	80	80	81	81	81	81	82	82



S1. figure Region distribution of obesity among middle school students aged 12-17 years in Jiangsu Province, 2017-2018