

Supplementary information: Table S3 - Dengue Incidence and environmental aspects from ADs of São Paulo.

District	Total area (Km <sup>2</sup> )	Dengue Incidence / 100,000 hab.	(% of Vegetation cover categories)			(% of Land surface temperature)									
			Low	Moderate	High	20-22°C	22-24°C	24-26°C	26-28°C	28-30°C	30-32°C	32-34°C	34-36°C	36-38°C	38-40°C
1	7.2	49.4	88.9	11.1	0.0	0.0	0.0	0.0	2.4	24.3	71.7	1.6	0.0	0.0	0.0
2	7.5	99.7	61.8	32.4	2.0	0.0	0.0	0.0	40.2	53.6	6.2	0.0	0.0	0.0	0.0
3	33.6	12.1	16.9	16.8	63.7	0.3	29.3	25.8	30.2	12.7	1.7	0.0	0.0	0.0	0.0
4	7.0	25.7	94.8	5.1	0.1	0.0	0.0	0.0	0.0	12.2	83.9	3.9	0.0	0.0	0.0
5	6.5	38.9	91.2	8.8	0.0	0.0	0.0	0.0	2.0	67.8	30.2	0.0	0.0	0.0	0.0
6	5.9	7.0	83.0	9.8	1.8	0.0	0.0	0.0	1.7	21.9	60.0	15.5	1.0	0.0	0.0
7	2.7	25.9	65.0	34.5	0.0	0.0	0.0	0.0	42.9	43.9	13.2	0.0	0.0	0.0	0.0
8	6.0	39.9	90.5	6.1	0.2	0.0	0.0	0.0	1.9	36.1	57.5	4.5	0.0	0.0	0.0
9	4.2	407.2	81.3	13.4	1.9	0.0	0.0	0.0	1.7	26.4	59.0	12.8	0.0	0.0	0.0
10	3.6	61.5	93.2	6.1	0.0	0.0	0.0	0.0	0.0	9.9	63.5	26.6	0.0	0.0	0.0
11	21.1	75.9	42.3	11.1	46.2	4.8	31.7	6.1	7.8	16.6	29.7	3.3	0.0	0.0	0.0
12	12.9	317.4	48.6	37.3	10.3	0.0	0.0	5.2	21.4	54.3	18.8	0.1	0.1	0.0	0.0
13	13.5	81.5	45.4	10.3	43.8	1.9	32.6	6.2	6.2	25.2	27.0	1.0	0.0	0.0	0.0
14	3.9	54.1	79.1	18.5	0.0	0.0	0.0	0.0	0.7	21.3	59.2	18.4	0.4	0.0	0.0
15	8.8	59.3	63.9	34.5	0.0	0.0	0.0	0.5	13.3	46.6	30.6	9.0	0.0	0.0	0.0
16	13.0	63.5	63.7	27.8	5.6	0.0	0.0	1.8	18.8	39.0	39.0	1.5	0.0	0.0	0.0
17	12.6	238.5	80.2	16.4	2.8	0.0	0.0	0.2	7.4	49.7	41.9	0.8	0.0	0.0	0.0
18	16.7	49.8	54.2	21.0	20.2	0.0	5.2	15.3	12.7	40.1	26.7	0.0	0.0	0.0	0.0
19	13.8	126.5	82.4	15.7	1.5	0.0	0.0	0.3	3.5	48.1	48.0	0.1	0.0	0.0	0.0
20	8.0	58.8	86.6	12.9	0.5	0.0	0.0	0.0	3.6	23.7	71.8	0.9	0.0	0.0	0.0
21	7.2	107.4	85.9	13.0	0.5	0.0	0.2	0.6	5.2	24.6	63.3	6.2	0.0	0.0	0.0
22	12.3	100.1	78.3	21.4	0.2	0.0	0.0	0.0	1.1	40.0	57.4	1.5	0.0	0.0	0.0
23	28.0	32.1	43.6	15.9	20.3	0.0	18.8	13.1	17.3	28.1	22.6	0.1	0.0	0.0	0.0
24	10.4	24.5	77.1	15.2	5.6	0.0	0.1	5.3	14.3	54.1	24.9	1.3	0.0	0.0	0.0
25	14.9	19.9	56.0	22.6	20.6	0.0	3.7	14.9	32.6	45.0	3.9	0.0	0.0	0.0	0.0
26	3.8	34.9	42.9	55.7	1.0	0.0	0.0	5.7	48.3	46.0	0.0	0.0	0.0	0.0	0.0
27	12.0	54.1	56.3	9.2	33.3	0.0	8.2	22.2	7.6	29.3	32.2	0.4	0.0	0.0	0.0
28	9.4	75.7	75.1	10.9	13.5	0.0	1.1	8.3	6.1	39.9	44.3	0.3	0.0	0.0	0.0
29	11.0	123.0	76.5	16.2	5.5	0.0	0.3	3.1	4.6	21.2	64.0	6.7	0.1	0.0	0.0
30	92.7	20.0	20.1	10.3	48.1	0.0	35.8	33.8	13.8	13.3	3.2	0.0	0.0	0.0	0.0
31	9.0	91.3	70.1	24.4	4.0	0.0	0.0	8.2	32.0	52.9	7.0	0.0	0.0	0.0	0.0
32	19.6	21.1	38.1	25.9	34.2	0.0	10.6	24.9	35.8	23.7	5.0	0.0	0.0	0.0	0.0
33	11.0	77.7	83.8	13.7	1.7	0.0	0.0	0.0	3.2	24.0	61.0	11.6	0.1	0.0	0.0
34	10.0	138.3	58.8	36.9	0.9	0.0	0.0	0.1	24.8	53.9	21.1	0.0	0.0	0.0	0.0
35	12.1	27.7	95.7	4.1	0.1	0.0	0.0	0.0	4.5	72.5	23.0	0.0	0.0	0.0	0.0

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District	Total area (Km <sup>2</sup> )	Dengue Incidence / 100,000 hab.	(% of Vegetation cover categories)			(% of Land surface temperature)									
			Low	Moderate	High	20-22°C	22-24°C	24-26°C	26-28°C	28-30°C	30-32°C	32-34°C	34-36°C	36-38°C	38-40°C
36	14.6	100.6	88.2	11.6	0.0	0.0	0.0	0.0	1.7	76.1	22.2	0.0	0.0	0.0	0.0
37	14.0	114.8	76.1	21.8	1.2	0.0	0.0	0.7	6.5	40.0	50.7	2.0	0.1	0.0	0.0
38	7.5	143.7	82.7	15.6	0.6	0.0	0.0	0.2	7.0	28.7	63.5	0.6	0.0	0.0	0.0
39	4.6	184.8	86.1	10.3	2.5	0.0	0.0	0.0	3.8	38.7	56.9	0.6	0.0	0.0	0.0
40	6.5	54.1	78.4	18.6	0.2	0.0	0.0	0.0	3.1	42.8	50.6	3.5	0.0	0.0	0.0
41	28.3	22.2	41.4	18.6	38.0	1.7	16.1	19.4	22.7	32.1	7.9	0.2	0.0	0.0	0.0
42	37.7	52.5	34.4	18.0	30.0	0.0	20.7	19.4	26.2	23.6	10.2	0.0	0.0	0.0	0.0
43	9.1	93.3	75.7	8.2	11.1	0.0	0.5	6.5	12.8	45.6	34.6	0.0	0.0	0.0	0.0
44	6.2	15.8	56.5	41.2	0.9	0.0	0.0	7.3	59.0	33.7	0.0	0.0	0.0	0.0	0.0
45	25.7	54.9	41.4	16.8	14.3	0.0	26.5	12.6	8.1	22.0	30.3	0.4	0.0	0.0	0.0
46	14.6	23.4	38.0	21.5	39.9	0.0	5.7	29.3	32.1	25.8	7.0	0.1	0.0	0.0	0.0
47	8.8	37.7	87.1	12.6	0.4	0.0	0.0	0.0	19.8	72.4	7.9	0.0	0.0	0.0	0.0
48	10.3	86.7	82.6	13.8	0.4	0.0	0.0	0.0	2.2	35.6	50.5	11.1	0.6	0.0	0.0
49	3.7	66.6	83.4	7.2	3.6	0.0	0.0	2.0	14.7	63.1	18.3	2.0	0.0	0.0	0.0
50	6.5	108.4	85.3	13.6	0.0	0.0	0.0	0.0	0.2	15.0	77.2	7.6	0.0	0.0	0.0
51	13.2	26.0	37.6	12.5	47.9	0.9	30.8	15.4	11.5	25.3	15.9	0.3	0.0	0.0	0.0
52	208.2	0.0	0.4	2.1	95.8	0.1	57.1	40.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0
53	9.1	19.2	48.7	43.0	0.4	0.0	0.0	6.6	36.2	48.9	8.2	0.0	0.0	0.0	0.0
54	7.9	40.9	80.5	18.5	0.0	0.0	0.0	0.0	7.6	33.6	52.1	6.5	0.2	0.0	0.0
55	11.5	125.6	20.9	70.3	6.3	0.0	0.0	4.3	55.2	37.8	2.6	0.1	0.0	0.0	0.0
56	152.6	13.7	4.6	8.8	79.6	0.1	35.2	50.1	12.5	1.9	0.1	0.0	0.0	0.0	0.0
57	2.7	219.7	82.6	12.9	0.4	0.0	0.0	0.0	0.5	22.2	72.0	5.3	0.0	0.0	0.0
58	15.5	27.8	31.3	16.0	52.1	0.0	21.3	26.7	23.0	25.6	3.4	0.0	0.0	0.0	0.0
59	18.0	70.0	35.9	19.1	24.0	0.0	22.3	20.5	21.4	23.8	12.1	0.0	0.0	0.0	0.0
60	11.3	44.6	89.9	10.0	0.0	0.0	0.0	0.0	0.3	52.5	47.3	0.0	0.0	0.0	0.0
61	6.3	38.7	87.5	11.1	0.0	0.0	0.0	0.0	23.0	62.0	15.0	0.0	0.0	0.0	0.0
62	23.7	140.9	26.5	29.7	40.1	1.8	12.1	20.3	29.5	29.0	6.7	0.4	0.1	0.0	0.0
63	8.3	45.9	62.6	34.8	0.2	0.0	0.0	0.0	30.2	59.8	10.1	0.0	0.0	0.0	0.0
64	17.1	31.0	61.3	17.6	19.4	0.0	2.5	7.4	17.5	37.4	34.5	0.7	0.0	0.0	0.0
65	6.7	102.2	94.1	5.8	0.1	0.0	0.0	0.0	0.9	43.9	55.2	0.0	0.0	0.0	0.0
66	12.4	143.8	52.5	35.7	10.1	0.0	0.8	8.3	26.6	37.8	26.2	0.2	0.0	0.0	0.0
67	2.4	21.1	33.2	60.5	1.2	0.0	0.0	0.6	35.0	46.0	18.4	0.0	0.0	0.0	0.0
68	9.6	77.7	78.7	15.1	4.9	0.0	0.0	2.5	9.3	39.0	47.5	1.6	0.0	0.0	0.0
69	14.6	44.4	79.0	19.4	1.3	0.0	0.0	0.1	3.9	37.4	57.5	1.1	0.0	0.0	0.0

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District	Total area (Km <sup>2</sup> )	Dengue Incidence / 100,000 hab.	(% of Vegetation cover categories)			(% of Land surface temperature)									
			Low	Moderate	High	20-22°C	22-24°C	24-26°C	26-28°C	28-30°C	30-32°C	32-34°C	34-36°C	36-38°C	38-40°C
70	3.8	33.4	85.0	14.6	0.0	0.0	0.0	2.3	10.6	31.7	44.5	10.6	0.4	0.0	0.0
71	13.1	44.6	69.2	24.7	4.8	0.0	0.0	0.7	9.7	51.0	37.0	1.1	0.3	0.0	0.2
72	16.0	47.5	47.8	47.2	1.1	0.0	0.0	3.6	22.6	44.1	26.1	3.6	0.0	0.0	0.0
73	9.9	35.4	77.6	17.1	3.6	0.0	0.0	1.8	11.9	55.7	30.1	0.6	0.0	0.0	0.0
74	9.7	40.0	85.4	13.5	0.0	0.0	0.0	0.0	1.5	28.8	68.5	1.2	0.0	0.0	0.0
75	12.8	40.6	81.2	14.7	4.0	0.0	0.0	0.1	4.2	33.9	61.0	0.8	0.0	0.0	0.0
76	8.6	82.5	80.2	16.8	2.2	0.0	0.0	2.8	2.8	50.7	43.6	0.0	0.0	0.0	0.0
77	13.1	27.1	68.3	15.1	15.0	0.0	2.5	13.4	27.3	37.9	18.9	0.0	0.0	0.0	0.0
78	13.6	26.0	86.5	12.7	0.8	0.0	0.0	0.0	1.5	37.8	60.6	0.1	0.0	0.0	0.0
79	9.3	33.6	80.8	17.4	0.3	0.0	0.0	0.0	4.4	63.3	32.1	0.2	0.0	0.0	0.0
80	2.2	63.4	45.1	54.7	0.0	0.0	0.0	0.0	11.7	44.2	41.6	2.6	0.0	0.0	0.0
81	12.0	21.2	43.2	25.2	1.8	0.0	23.7	4.2	14.3	25.1	28.6	4.1	0.0	0.0	0.0
82	8.5	30.5	78.4	18.2	1.5	0.0	0.0	0.2	5.2	49.2	44.8	0.3	0.2	0.0	0.0
83	57.8	36.5	20.3	10.5	67.8	1.1	45.1	17.4	16.1	15.6	4.7	0.1	0.0	0.0	0.0
84	9.5	123.9	69.1	18.6	10.8	0.0	1.1	8.4	8.7	30.7	50.7	0.5	0.0	0.0	0.0
85	10.3	140.9	22.4	59.4	17.1	0.0	0.1	24.1	47.0	16.9	10.9	1.0	0.0	0.0	0.0
86	9.5	48.3	92.6	6.3	0.6	0.0	0.0	0.3	5.0	64.7	30.0	0.0	0.0	0.0	0.0
87	7.4	28.5	84.5	14.7	0.2	0.0	0.0	0.6	8.0	41.6	49.5	0.4	0.0	0.0	0.0
88	7.2	60.7	93.5	6.1	0.0	0.0	0.0	0.4	2.2	31.4	58.8	7.0	0.2	0.0	0.0
89	8.3	54.8	89.8	7.5	2.0	0.0	0.0	0.0	1.7	53.9	44.4	0.0	0.0	0.0	0.0
90	7.0	38.0	77.4	16.4	0.1	0.0	0.0	0.0	7.8	43.6	34.6	11.7	2.3	0.0	0.0
91	11.8	96.9	89.1	9.2	1.2	0.0	0.0	0.0	2.2	35.0	61.2	1.6	0.0	0.0	0.0
92	8.6	16.9	60.5	37.5	0.2	0.0	0.0	1.5	23.6	62.2	12.3	0.3	0.0	0.0	0.0
93	8.8	55.3	94.6	5.2	0.0	0.0	0.0	0.0	0.0	53.1	46.9	0.0	0.0	0.0	0.0
94	7.9	81.6	94.5	5.2	0.3	0.0	0.0	0.0	1.3	5.0	88.5	5.2	0.0	0.0	0.0
95	9.6	41.3	83.8	15.3	0.4	0.0	0.0	0.0	2.7	35.0	59.9	2.3	0.2	0.0	0.0
96	10.0	181.7	65.9	28.0	5.0	0.0	0.0	5.7	15.9	44.9	32.9	0.6	0.0	0.0	0.0

\* US\$

Vegetal cover categories and land surface temperature ranges from ADs of São Paulo were calculated using the SPRING 5.1.7 geographical information system (National Institute for Space Research – INPE, Brazil).