

# Supplement A

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	ClusterID	Cases	OFI
1	1	52	138
2	2	74	212
3	3	54	125
4	4	72	145
5	5	46	165
6	6	42	194
7	7	70	250
8	8	50	131
9	9	73	229
10	10	69	156
11		602	1745

Table 1: Hypothetical dengue and OFI distribution for an example of 10 clusters used for permutation distribution estimates

	Cluster	03_05	05_06	06_07	07_08	08_10	10_11	11_12	12_13	13_14
1	1	13	19	37	29	42	48	18	26	34
2	2	14	14	30	27	34	37	15	25	34
3	3	35	32	39	43	62	52	25	40	38
4	4	9	13	13	8	18	18	6	7	9
5	5	17	25	69	60	36	53	34	47	71
6	6	37	38	77	72	75	89	84	120	104
7	7	23	28	48	51	85	76	28	40	36
8	8	20	32	51	57	66	41	13	36	37
9	9	25	29	46	41	57	48	15	27	25
10	10	14	25	53	49	41	31	9	35	42
11	11	40	61	78	64	84	98	57	62	71
12	12	33	54	74	59	80	80	44	63	69
13	13	35	52	79	86	119	112	49	56	76
14	14	28	39	57	48	59	56	29	49	62
15	15	30	39	56	46	52	40	20	25	27
16	16	22	51	68	47	56	43	19	36	38
17	17	12	18	25	22	20	14	8	17	16
18	18	41	55	112	93	130	151	81	139	128
19	19	16	27	69	71	53	44	24	47	69
20	20	19	37	43	28	45	41	30	79	77
21	21	24	45	63	49	59	62	42	73	68
22	22	33	57	72	59	84	73	35	66	62
23	23	12	19	29	29	36	29	14	34	32
24	24	21	40	67	90	151	106	27	72	76

Table 2: Historical Dengue counts in each of the 24 clusters over the observed 2 year periods.

	Cluster	OFI
1	1	486
2	2	155
3	3	1197
4	4	255
5	5	249
6	6	710
7	7	658
8	8	714
9	9	478
10	10	376
11	11	388
12	12	426
13	13	842
14	14	547
15	15	285
16	16	586
17	17	344
18	18	484
19	19	151
20	20	223
21	21	522
22	22	804
23	23	286
24	24	792

Table 3: Historical OFI counts in the only two year period that was observed.