

**Supplemental Table 1:** p-value of each paired interaction effects

	Jt pain	HA	Eye pain	Nausea	Anorexia	Sens. to light	Rash	Malaise	Gum bleed	Hematemesis	Melena	Cough	Phlegm	SOB	Rhinorrhea	Vomiting	Diarrhea
Jt pain																	
HA	<b>0.13</b>																
Eye pain	0.99	0.93															
Nausea	<b>0.15</b>	0.88	0.85														
Anorexia	<b>0.10</b>	0.76	0.64	0.99													
Sens. to light	0.52	0.29	0.82	0.82	0.91												
Rash	0.60	0.98	<b>0.10</b>	0.66	<b>0.24</b>	0.73											
Malaise	0.99	0.99	0.99	0.99	0.99	0.99	0.99										
Gum bleed	0.99	NA	0.58	0.99	NA	0.79	0.31	NA									
Hematemesis	NA	NA	NA	NA	NA	NA	NA	NA	NA								
Melena	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
Cough	0.99	0.74	0.32	0.29	0.99	<b>0.12</b>	0.29	NA	NA	NA	NA						
Phlegm	NA	NA	0.99	0.99	NA	0.99	0.57	NA	NA	NA	NA	0.99					
SOB	0.99	0.99	0.99	0.99	0.99	0.61	<b>0.24</b>	0.99	0.99	NA	NA	0.48	0.99				
Rhinorrhea	NA	0.91	0.26	0.74	NA	0.48	0.90	NA	NA	NA	NA	0.59	0.31	0.99			
Vomiting	0.99	0.99	<b>0.03</b>	0.99	NA	0.54	<b>0.19</b>	0.99	0.99	NA	NA	0.93	0.99	0.97	0.67		
Diarrhea	0.55	0.76	<b>0.13</b>	<b>0.08</b>	0.99	0.42	0.31	0.99	0.99	NA	NA	0.34	0.99	0.99	0.26	0.69	

**Supplemental Table 2:** Infection status of each participants based on presence of shortness of breath

	<b>Positive for SOB</b>	<b>Negative for SOB</b>
<b>Negative</b>	3	46
negative	2	42
CHIKV	1	2
YFV	0	2
<b>Primary dengue</b>	10	45
DENV-1	5	11
DENV-2	4	18
DENV-3	1	12
DENV-4	0	4
<b>Secondary dengue</b>	16	20

**Supplemental Table 3:** Infection status of each participants based on presence of severe joint/bone/muscle pain

	<b>Positive for joint pain</b>	<b>Negative for joint pain</b>
<b>Negative</b>	45	4
negative	40	4
CHIKV	3	0
YFV	2	0
<b>Primary dengue</b>	39	16
DENV-1	9	7
DENV-2	17	5
DENV-3	11	2
DENV-4	2	2
<b>Secondary dengue</b>	31	5

**Supplemental Table 4:** Infection status of each participants based on presence of rash

	<b>Positive for rash</b>	<b>Negative for rash</b>
<b>Negative</b>	14	35
negative	10	34
CHIKV	3	0
YFV	1	1
<b>Primary dengue</b>	33	22
DENV-1	7	9
DENV-2	13	9
DENV-3	9	4
DENV-4	4	0
<b>Secondary dengue</b>	17	19

**Supplemental Table 5:** Multiple logistic regression model that includes all variables available.

	Est.	Std. Error	P-value	Crude ORS	Est. Adj.	95% C.I.
	Coefficients			ORs		
(Intercept)	1.26	1.18	0.29			
Jt/bone/muscle pain	-1.87	0.77	0.02	0.30	0.15	0.03-0.70
Headache	-0.13	0.66	0.84	0.57	0.88	0.24-3.18
Eye pain	0.24	0.48	0.61	1.37	1.28	0.50-3.25
Nausea	-0.61	0.53	0.25	0.62	0.55	0.19-1.54
Anorexia	-0.04	0.87	0.96	0.65	0.96	0.18-5.26
Sensitivity to Light	0.11	0.48	0.82	1.25	1.11	0.44-2.83
Rash	1.09	0.45	0.02	3.05	2.96	1.22-7.23
Malaise	0.61	1.40	0.66	0.36	1.85	0.12-28.93
Gum Bleeding	-1.97	1.09	0.07	0.34	0.14	0.02-1.18
Hematemesis	-14.44	1455.4	0.99	$2.49 \times 10^{-7}$	$5.36 \times 10^{-7}$	-
Melena	11.33	1455.4	0.99	$1.15 \times 10^6$	$8.34 \times 10^4$	-
Cough	0.84	0.70	0.23	0.93	2.31	0.58-9.11

Productive Cough	-0.34	1.27	0.79	1.08	0.71	0.06-8.51
SOB	2.97	0.90	0.001	6.133	19.42	3.32-113.79
Rhinorrhea	-1.65	0.83	0.05	0.536	0.19	0.04-0.97
Vomit	0.70	0.60	0.24	1.10	2.02	0.63-6.51
Diarrhea	-0.39	0.49	0.42	0.739	0.68	0.26-1.76