

format_data

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INSTRUCTIONS TO GET SURVEY DATA

1. Go to Yale qualtrics site
2. Navigate to Intake questionnaire.
3. Download data as .xlsx
4. Repeat for fortnightly survey

ID 6.1 Saliva was very low under 100 ul.

ID 5.6 qPCR LytA -piaB was ran in plate A155_scope_2021_06_02 .The issue was the label: FIXED 5.5 to 5.6

ID 12.4 qPCR LytA -piaB was ran in plate A150_scope_2021_05_24.The issue was the label -FIXED 12.3 to 12.4

ID 62.2,63.2 samples were picked up 1 month after .We didn't see any growth after incubation 37 degree over night

ID 20.5 - 21.5 to verify

New names:

* `` -> ...36

[1] "A143_scope_2021_05_11.xlsx"

[1] "A144_scope_2021_05_12_DC.xlsx"

[1] "A145_scope_2021_05_04.xlsx"

[1] "A146_scope_2021_05_17.xlsx"

[1] "A146_scope_2021_06_03 lyta_DC.xlsx"

[1] "A147-A148_2021_05_24_DC.xlsx"

New names:

* `` -> ...5

[1] "A147_scope_2021_05_17 piaB.xlsx"

[1] "A148_scope_2021_05_19 piaB.xlsx"

[1] "A148_scope_2021_05_27_repeatedwithnewlytaprobe_DC.xlsx"

[1] "A149_scope_2021_05_19_piaB_DC.xlsx"

[1] "A149_scope_2021_06_09_lytarepeat_DC.pltd.xlsx"

[1] "A150_scope_2021_05_24_DC.xlsx"

[1] "A151_scope_2021-06-17_piab_DC_repeat.xlsx"

[1] "A151_scope_2021_05_29 repeat lyta_DC.xlsx"

[1] "A153_scope_2021_05_29_DC.xlsx"

[1] "A154_2021_-06_02_DC.xlsx"

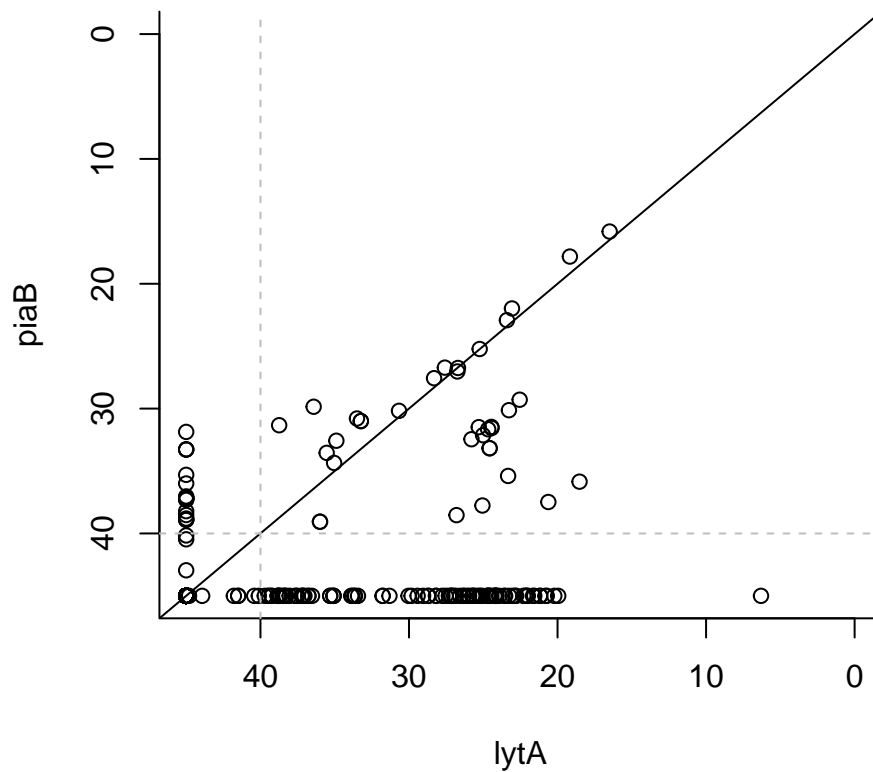
[1] "A155_2021_06_02_DC.xlsx"

[1] "A156_scope_2021_06_03_DC.xlsx"

[1] "A157_scope_2021_06_08 lyta-piaB repeat_DC.xlsx"

```
## [1] "A161-lyta_piab_scope_2021-06-23 pcrd DC.xlsx"
## [1] "A161_scope_2021-06-23 pcrd DC.xlsx"
## [1] "A162_SCOPE_2021_09_09_lyta_piab_rerun_sso.xlsx"
## [1] "A162_SCOPE_2021_09_10_lyta_piab_rerun_sso.xlsx"
## [1] "A162_SCOPE_2021_09_14_lyta_piab_rerun3_sso_DC.xlsx"
## [1] "A163_SCOPE_2021_09_15_lyta_piab_rerun_sso (1).xlsx"
## [1] "A163_SCOPE_2021_09_15_lyta_piab_sso_DC.xlsx"

## Warning: NAs introduced by coercion
```

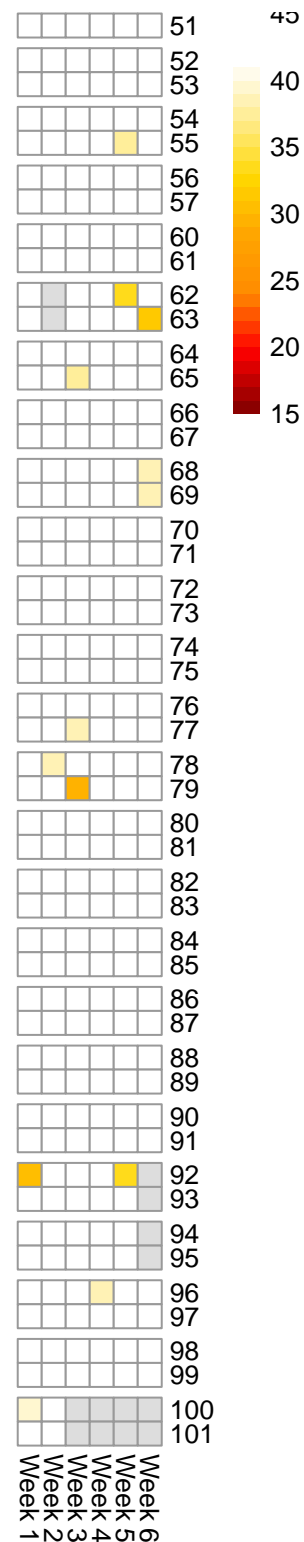
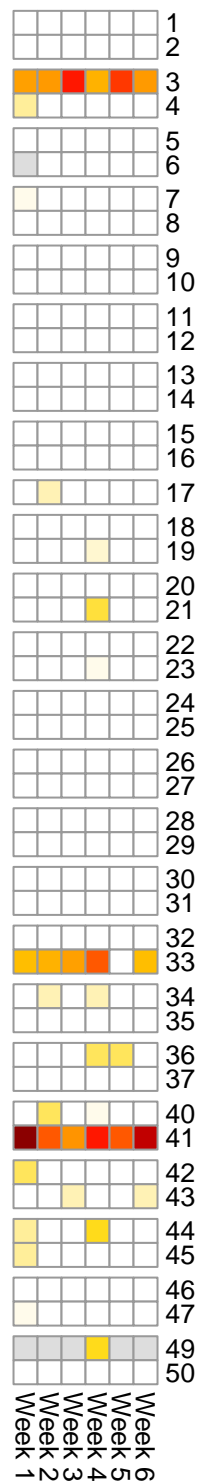


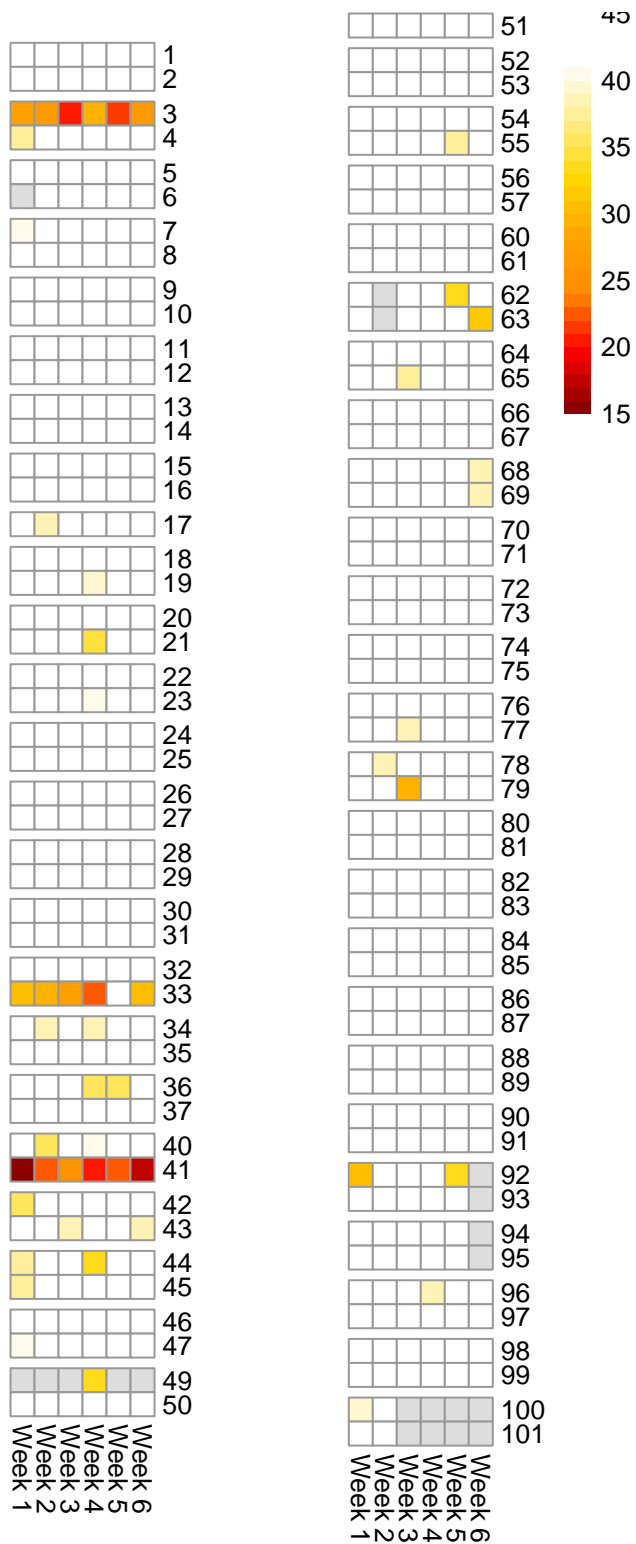
```
## Warning in .fun(.value[0], ...): no non-missing arguments to min; returning Inf
```

Heatmaps

```
piaB
```

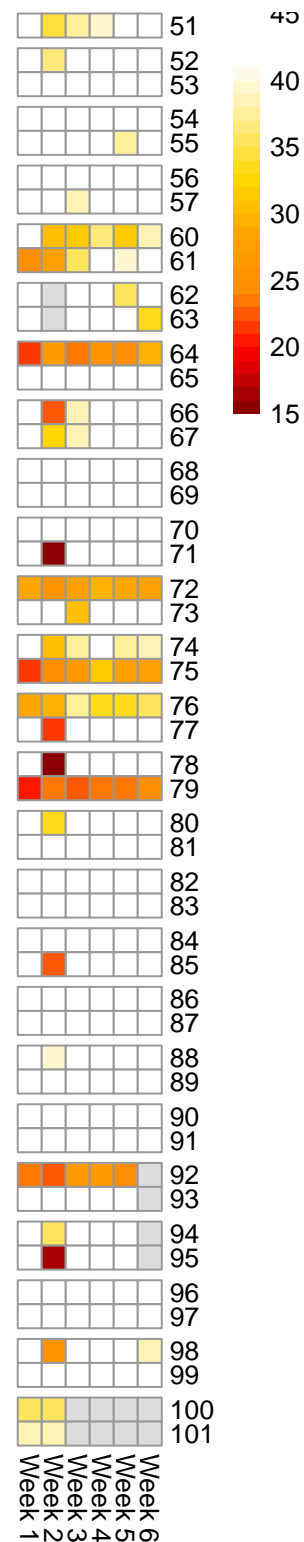
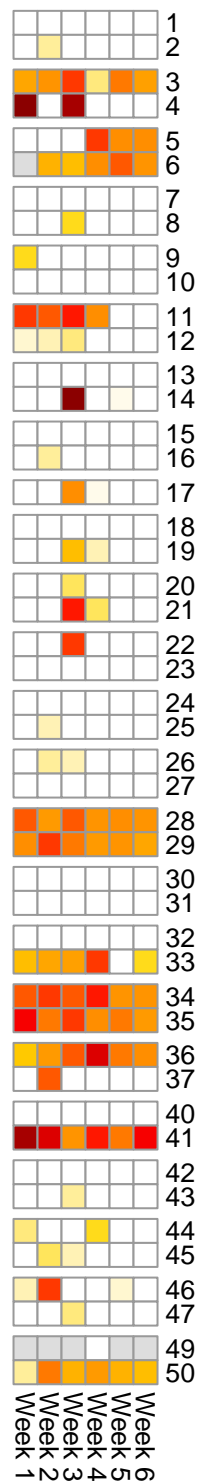
```
## Warning in heat.fun(target = "piab"): NAs introduced by coercion
```

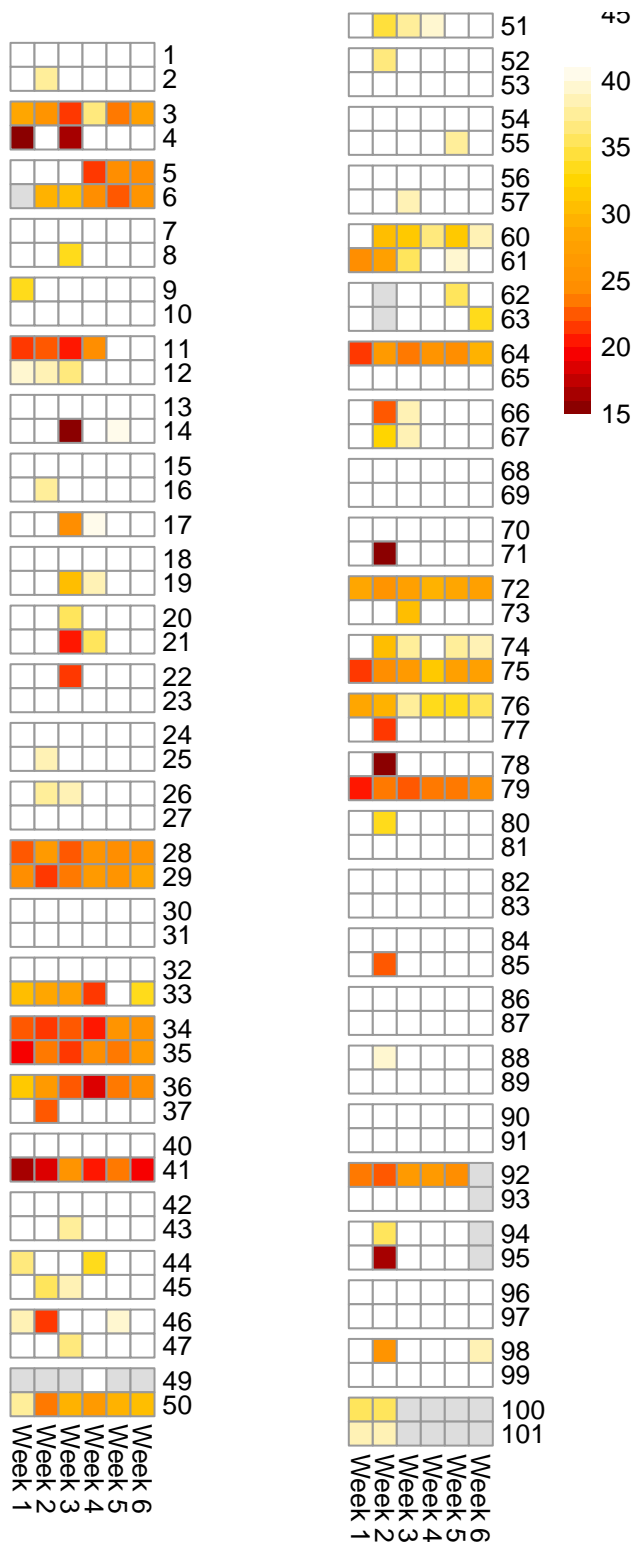




lytA

Warning in heat.fun(target = "lytA"): NAs introduced by coercion





Summary stats

[1] 96

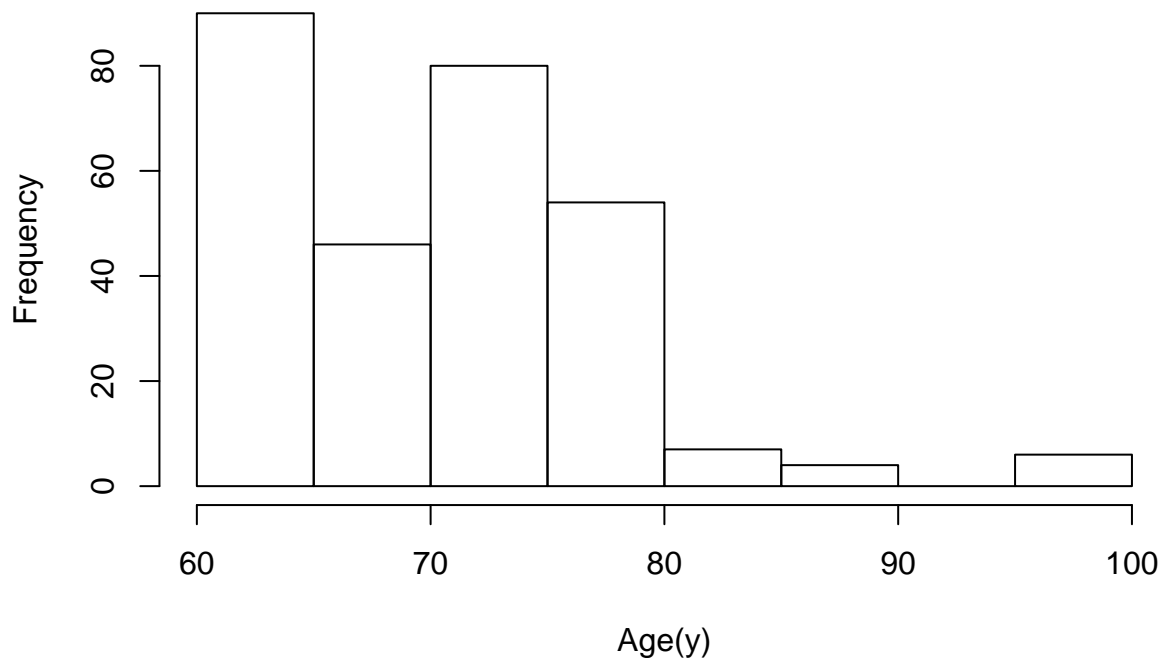
```
## [1] 49
## [1] 556
## [1] 46
## [1] 0.08273381
## [1] 170
## [1] 0.3057554
## [1] 27
## [1] 19
```

Merge in results with master file

-To do: -harmonize column names between fortnightly and initial questionnaire so we can merge -Fix dates
-Check missing visitNs

```
## New names:
## * `Where did you receive this vaccine? - Selected Choice` -> `Where did you receive this vaccine? - S
## * `Where did you receive this vaccine? - Doctor's Office (Name of Provider) - Text` -> `Where did yo
## * `Where did you receive this vaccine? - Other - Text` -> `Where did you receive this vaccine? - Oth
## * `Where did you receive this vaccine? - Selected Choice` -> `Where did you receive this vaccine? - S
## * `Where did you receive this vaccine? - Doctor's Office (Name of Provider) - Text` -> `Where did yo
## * ...
## Warning: 17 failed to parse.
```

Distribution of ages



Do you usually have contact with children?

	No	Yes	Overall
	(N=312)	(N=208)	(N=638)
piab_pos			
0	298 (95.5%)	178 (85.6%)	585 (91.7%)
1	14 (4.5%)	30 (14.4%)	53 (8.3%)

How often do you have contact with children?

	Daily	Every few days	No	Once or twice a month	Overall
	(N=22)	(N=110)	(N=312)	(N=58)	(N=638)
piab_pos					
0	20 (90.9%)	89 (80.9%)	298 (95.5%)	53 (91.4%)	585 (91.7%)
1	2 (9.1%)	21 (19.1%)	14 (4.5%)	5 (8.6%)	53 (8.3%)

How much contact per day do you have?

	<4 hours (morning or afternoon or evening)	4-8 hours (full day)	8+ hours (longer day care/overnight)	Overall
	(N=138)	(N=49)	(N=14)	(N=638)
piab_pos				
0	117 (84.8%)	41 (83.7%)	12 (85.7%)	585 (91.7%)
1	21 (15.2%)	8 (16.3%)	2 (14.3%)	53 (8.3%)

What ages do you have contact with?

<12m?

	No	Yes	Overall
	(N=601)	(N=37)	(N=638)
piab_pos			
0	552 (91.8%)	33 (89.2%)	585 (91.7%)
1	49 (8.2%)	4 (10.8%)	53 (8.3%)

12-23m?

	No	Yes	Overall
	(N=622)	(N=16)	(N=638)
piab_pos			
0	572 (92.0%)	13 (81.3%)	585 (91.7%)
1	50 (8.0%)	3 (18.8%)	53 (8.3%)

2-5y

	No	Yes	Overall
	(N=595)	(N=43)	(N=638)
piab_pos			
0	554 (93.1%)	31 (72.1%)	585 (91.7%)
1	41 (6.9%)	12 (27.9%)	53 (8.3%)

5-10y

	No	Yes	Overall
	(N=545)	(N=93)	(N=638)
piab_pos			
0	508 (93.2%)	77 (82.8%)	585 (91.7%)
1	37 (6.8%)	16 (17.2%)	53 (8.3%)

more than 10y

	No	Yes	Overall
	(N=573)	(N=65)	(N=638)
piab_pos			
0	527 (92.0%)	58 (89.2%)	585 (91.7%)
1	46 (8.0%)	7 (10.8%)	53 (8.3%)

Have you taken part in any social activities or outings during the past two weeks?

	No	Yes	Overall
	(N=184)	(N=254)	(N=638)
piab_pos			
0	166 (90.2%)	233 (91.7%)	585 (91.7%)
1	18 (9.8%)	21 (8.3%)	53 (8.3%)

What sorts of activities have you participated in? - Selected Choice

	Activities at community centers	Activities with family	Activities with friends	Fitness activities	No
	(N=7)	(N=76)	(N=36)	(N=17)	(N=184)
piab_pos					
0	7 (100%)	63 (82.9%)	35 (97.2%)	17 (100%)	166 (90.2%)
1	0 (0%)	13 (17.1%)	1 (2.8%)	0 (0%)	18 (9.8%)

Current Symptoms

Cough?

	No	Yes	Overall
	(N=514)	(N=17)	(N=638)
piab_pos			
0	473 (92.0%)	13 (76.5%)	585 (91.7%)
1	41 (8.0%)	4 (23.5%)	53 (8.3%)

Runny Nose?

	No	Yes	Overall
	(N=511)	(N=21)	(N=638)
piab_pos			
0	471 (92.2%)	16 (76.2%)	585 (91.7%)
1	40 (7.8%)	5 (23.8%)	53 (8.3%)

Fever?

	No	Overall
	(N=529)	(N=638)
piab_pos		
0	484 (91.5%)	585 (91.7%)
1	45 (8.5%)	53 (8.3%)

Sore throat?

	No	Yes	Overall
	(N=531)	(N=1)	(N=638)
piab_pos			
0	486 (91.5%)	1 (100%)	585 (91.7%)
1	45 (8.5%)	0 (0%)	53 (8.3%)

Nasal?

	No	Yes	Overall
	(N=514)	(N=18)	(N=638)
piab_pos			
0	472 (91.8%)	15 (83.3%)	585 (91.7%)
1	42 (8.2%)	3 (16.7%)	53 (8.3%)

Pneumooccal vaccination

	No	Yes	Overall
	(N=114)	(N=349)	(N=638)
piab_pos			
0	110 (96.5%)	318 (91.1%)	585 (91.7%)
1	4 (3.5%)	31 (8.9%)	53 (8.3%)

##COVID History

	No, it was negative	Not tested	Yes, it was positive	Overall
	(N=327)	(N=102)	(N=41)	(N=638)
piab_pos				
0	300 (91.7%)	100 (98.0%)	35 (85.4%)	585 (91.7%)
1	27 (8.3%)	2 (2.0%)	6 (14.6%)	53 (8.3%)

Ethnicity

	Asian	Asian,Unknown/Other	Black or African American	Unknown/Other	White	White,Unknown/Other
	(N=6)	(N=10)	(N=16)	(N=12)	(N=425)	(N=6)
piab_pos						
0	6 (100%)	10 (100%)	16 (100%)	10 (83.3%)	393 (92.5%)	5 (83.3%)
1	0 (0%)	0 (0%)	0 (0%)	2 (16.7%)	32 (7.5%)	1 (16.7%)

Education level

#Medications Immune meds

	Don't know	No	Yes	Overall
	(N=11)	(N=436)	(N=28)	(N=638)
piab_pos				
0	11 (100%)	404 (92.7%)	25 (89.3%)	585 (91.7%)
1	0 (0%)	32 (7.3%)	3 (10.7%)	53 (8.3%)

Asthma meds

	Don't know	No	Yes	Overall
	(N=5)	(N=438)	(N=12)	(N=638)
piab_pos				
0	4 (80.0%)	405 (92.5%)	11 (91.7%)	585 (91.7%)
1	1 (20.0%)	33 (7.5%)	1 (8.3%)	53 (8.3%)

Recent Antibiotics

	No	Yes	Overall
	(N=503)	(N=25)	(N=638)
piab_pos			
0	459 (91.3%)	24 (96.0%)	585 (91.7%)
1	44 (8.7%)	1 (4.0%)	53 (8.3%)

Seasonality

```
## Warning in table1.formula(~piab_pos | month, data = e3): Terms to the right
## of '|' in formula 'x' define table columns and are expected to be factors with
## meaningful labels.
```

	1	2	3	4	5	6	7	8	10
	(N=107)	(N=135)	(N=123)	(N=42)	(N=25)	(N=35)	(N=7)	(N=4)	(N=5)
piab_pos									
0	95 (88.8%)	125 (92.6%)	108 (87.8%)	41 (97.6%)	24 (96.0%)	33 (94.3%)	7 (100%)	4 (100%)	5 (100%)
1	12 (11.2%)	10 (7.4%)	15 (12.2%)	1 (2.4%)	1 (4.0%)	2 (5.7%)	0 (0%)	0 (0%)	0 (0%)

Recent Vaccine receipt (note many missing)

	Flu vaccine	Other vaccine, describe:	Pneumonia vaccine	Overall
	(N=1)	(N=145)	(N=1)	(N=638)
piab_pos				
0	1 (100%)	130 (89.7%)	1 (100%)	585 (91.7%)
1	0 (0%)	15 (10.3%)	0 (0%)	53 (8.3%)