

**Adjusted logistic regression analysis of reported health symptoms and specific IgE positivity in association with endotoxin exposure with and without inclusion of  $\Delta$ exposure.** OR's are associated with a 2-fold increase in endotoxin exposure. Analyses are adjusted for potential confounders: age, gender and smoking, and wheeze is additionally adjusted for atopy.

		N	Baseline exposure		Baseline exposure and $\Delta$ exposure			
			OR	95% CI	Baseline exposure OR	95% CI	$\Delta$ exposure OR	95% CI
<b>Asthma</b>	n-n	210						
	n-y	4			n<5 data not shown			
	y-y	8						
	y-n	12	0.74	(0.46 - 1.20)	0.82	(0.47 - 1.43)	1.15	(0.77 - 1.71)
	n-n	210						
	y-y	8	1.11	(0.83 - 1.49)	1.11	(0.83 - 1.49)	1.00	(0.86 - 1.18)
<b>Wheeze</b>	n-n	168						
	n-y	18	0.88	(0.70 - 1.11)	0.87	(0.69 - 1.09)	0.93	(0.81 - 1.08)
	y-y	19						
	y-n	7	0.74	(0.42 - 1.29)	0.22	(0.04 - 1.22)	0.53	(0.25 - 1.10)
	n-n	168						
	y-y	19	1.13	(0.91 - 1.40)	1.13	(0.91 - 1.4)	1.01	(0.89 - 1.13)
<b>Allergy</b>	n-n	153						
	n-y	16	1.07	(0.84 - 1.35)	1.08	(0.85 - 1.37)	1.09	(0.98 - 1.22)
	y-y	52						
	y-n	13	1.03	(0.78 - 1.35)	0.99	(0.74 - 1.32)	0.91	(0.78 - 1.07)
	n-n	153						
	y-y	52	0.92	(0.80 - 1.06)	0.93	(0.81 - 1.07)	1.03	(0.95 - 1.11)
<b>Hay fever</b>	n-n	197						
	n-y	9	0.87	(0.65 - 1.17)	0.87	(0.65 - 1.17)	1.00	(0.87 - 1.16)
	y-y	19						
	y-n	9	2.19	(0.96 - 4.99)	1.85	(0.81 - 4.22)	0.74	(0.49 - 1.10)
	n-n	197						
	y-y	19	<b>0.68</b>	<b>(0.54 - 0.87)</b>	<b>0.69</b>	<b>(0.54 - 0.87)</b>	1.01	(0.89 - 1.15)
<b>Atopy</b>	n-n	136						
	n-y	10	0.75	(0.55 - 1.02)	0.72	(0.52 - 1.00)	0.93	(0.79 - 1.10)
	y-y	57						
	y-n	9	1.03	(0.73 - 1.46)	1.02	(0.71 - 1.45)	1.07	(0.87 - 1.31)
	n-n	136						
	y-y	57	0.89	(0.77 - 1.03)	0.90	(0.77 - 1.04)	1.05	(0.97 - 1.14)
<b>HDM IgE</b>	n-n	162						
	n-y	3			n<5 data not shown			
	y-y	40						
	y-n	7	0.91	(0.62 - 1.34)	0.90	(0.61 - 1.34)	0.94	(0.76 - 1.17)
	n-n	162						
	y-y	40	1.05	(0.90 - 1.22)	1.06	(0.91 - 1.24)	1.08	(0.99 - 1.17)
<b>Grass IgE</b>	n-n	162						
	n-y	9	0.83	(0.61 - 1.12)	0.82	(0.60 - 1.12)	1.13	(0.96 - 1.33)
	y-y	32						
	y-n	9	1.24	(0.76 - 2.02)	1.18	(0.72 - 1.94)	1.11	(0.88 - 1.41)
	n-n	162						
	y-y	32	<b>0.81</b>	<b>(0.68 - 0.97)</b>	<b>0.82</b>	<b>(0.69 - 0.98)</b>	1.06	(0.96 - 1.17)