

Table S1. Association between maternal fish intake and child lifetime allergic rhinitis ascertained with different data sources (medication prescription registry and self-report) in the Danish National Birth Cohort

Categories of fish intake		Cases/N (%)	Ever prescribed allergic rhinitis <sup>2</sup> N=17,389/11,622	P for trend <sup>1</sup>	Cases/N (%)	Ever self-reported allergic rhinitis <sup>3</sup> N=17,269/11,535	P for trend <sup>1</sup>
		OR (95% CI)			OR (95% CI)		
Warm meal and sandwich each week, high frequency	crude	157/2,072 (8)		0.34	106/2,057 (5)		0.15
	adjusted*	96/1,333 (7)	1.00 (ref.)	0.85	73/1,322 (6)	1.00 (ref.)	0.01
Warm meal and sandwich each week, low frequency	crude	313/4,263 (7)	0.97 (0.79, 1.18)		222/4,237 (5)	1.02 (0.80, 1.29)	
	adjusted*	210/2,890 (7)	0.98 (0.76, 1.26)		149/2,869 (5)	0.89 (0.66, 1.19)	
Warm meal each month, sandwich each week	crude	495/6,372 (8)	1.03 (0.85, 1.24)		282/6,331 (4)	0.86 (0.68, 1.08)	
	adjusted*	313/4,250 (7)	0.98 (0.77, 1.25)		178/4,222 (4)	0.73 (0.54, 0.97)	
Warm meal and sandwich each month / less than each month	crude	297/3,893 (8)	1.01 (0.82, 1.23)		169/3,860 (4)	0.84 (0.66, 1.08)	
	adjusted*	202/2,636 (8)	0.96 (0.74, 1.24)		110/2,612 (4)	0.68 (0.50, 0.94)	
Zero intake	crude	70/789 (9)	1.19 (0.89, 1.59)		42/784 (5)	1.04 (0.72, 1.50)	
	adjusted*	45/513 (9)	1.01 (0.69, 1.48)		26/510 (5)	0.80 (0.50, 1.30)	

\*Model adjusted for maternal age, smoking, parity, prepregnancy BMI, physical activity, breastfeeding, socioeconomic status, maternal history of asthma and allergies, paternal history of asthma and allergies, and child sex.

<sup>1</sup>P-value for trend estimated by modeling exposure in as an ordinal variable.

<sup>2</sup>Ever prescribed allergic rhinitis:  $\geq 2$  anti-allergic prescriptions in the Register of Medicinal Product Statistics.

<sup>3</sup>Ever self-reported allergic rhinitis: self-reported doctor diagnosis of hay fever.