

Table S1. Comparison of allergic outcomes between the two PMDS groups before excluding

Type1 allergy	<u>All children</u>			<u>Maternal allergies group</u>			<u>No maternal allergies group</u>		
	PMDS High (n=51124)	PMDS Low (n=23363)	<i>p</i>	PMDS High (n=26136)	PMDS Low (n=11299)	<i>p</i>	PMDS High (n=24988)	PMDS Low (n=12064)	<i>p</i>
One or more (%)	12454 (24.4)	5750 (24.6)	0.465	7771 (29.7)	3435 (30.4)	0.199	4683 (18.7)	2315 (19.2)	0.308
Asthma (%)	4316 (8.4)	2104 (9.0)	0.012	2676 (10.2)	1221 (10.8)	0.416	1640 (6.6)	883 (7.3)	0.007
Food allergy (%)	2847 (5.6)	1317 (5.6)	0.719	1779 (6.8)	796 (7.0)	0.416	1068 (4.3)	521 (4.3)	0.864
Atopic dermatitis (%)	4234 (8.3)	1981 (8.5)	0.374	2714 (10.4)	1211 (10.7)	0.343	1520 (6.1)	770 (6.4)	0.271
Allergic conjunctivitis (%)	1369 (2.7)	601 (2.6)	0.420	939 (3.6)	397 (3.5)	0.727	430 (1.7)	204 (1.7)	0.869
Allergic rhinitis (%)	3843 (7.5)	1750 (7.5)	0.910	2601 (10.0)	1139 (10.1)	0.717	1242 (5.0)	611 (5.1)	0.715

PMDS: the Mediterranean diet scale in pregnancy