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Prenatal diet and children's trajectories of hyperactivity-inattention and conduct problems from 3 to 8 years: the EDEN mother-child cohort

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Table S1. Contingency table of maternal dietary patterns during pregnancy

		Western Pattern		
		Highest quartile	Others	Total
Healthy Pattern	Lowest quartile	53	256	309
	Others	257	676	933
	Total	310	932	1242

Table S2. Dietary patterns scores within quartiles (mean and standard deviation)

	Q1	Q2	Q3	Q4
Healthy Pattern	-1.00 (0.26)	-0.39 (0.15)	0.14 (0.17)	1.22 (0.75)
Western Pattern	-1.09 (0.39)	-0.38 (0.14)	0.11 (0.16)	1.17 (0.83)

Table S3. Sensitivity analyses: multivariate associations between prenatal nutrition (pregnancy) and children's externalizing problems between 3 and 8 years of age (EDEN cohort)

	Hyperactivity-inattention	Conduct Problems
1. Using tertiles as cutoffs for dietary pattern variables		
Healthy pattern (low tertile vs others)	OR=1.45; p<.05	OR=1.31; p=.14
Western pattern (high tertile vs others)	OR=1.42; p=.06	OR=1.10; p=.63
2. Restricting analysis to nonsmoking sub-sample		
Healthy pattern (low quartile vs others)	OR=1.74; p=.02	OR=1.61; p=.05
Western pattern (high quartile vs others)	OR=1.70; p=.03	OR=1.58; p=.06
3. Restricting analysis to non-heavily drinking sub-sample		
Healthy pattern (low quartile vs others)	OR=1.59; p=.03	OR=1.50; p=.05
Western pattern (high quartile vs others)	OR=1.71; p=.01	OR=1.26; p=.29
4. Not adjusting for gestational age and birth weight		
Healthy pattern (low quartile vs others)	OR=1.61; p=.02	OR=1.42; p=.08
Western pattern (high quartile vs others)	OR=1.65; p=.01	OR=1.11; p=.62
5. Not adjusting for gestational diabetes		
Healthy pattern (low quartile vs others)	OR=1.59; p=.02	OR=1.41; p=.08
Western pattern (high quartile vs others)	OR=1.65; p=.01	OR=1.11; p=.62
6. Adjusting for conduct problems when considering hyperactivity-inattention and reciprocally		
Healthy pattern (low quartile vs others)	OR=1.52; p<.05	OR=1.25; p=.31
Western pattern (high quartile vs others)	OR=1.75; p<.01	OR=0.84; p=.43

Adjusted on: *Maternal Healthy and Western DP during pregnancy, Centre, Child gender, Maternal age, Pre-pregnancy BMI, Maternal smoking, Maternal alcohol-drinking, Gestational diabetes, Multiparity, Gestational length, Birth weight, Breastfeeding, Prenatal maternal depressive symptoms, Prenatal maternal anxiety, Postnatal maternal depressive symptoms, Parental separation, Family income,*

Maternal education, Children dietary patterns at age 2 (Processed and fast foods, Guidelines, Baby food).

OR: Odds Ratio

N=1242 for models number 1, 4, 5 and 6

N=956 for model 2

N=1141 for model 3