

Supplementary

Table S1. Sugary beverage intake per day at 3 years and mild to severe hepatic steatosis at 24 years in the ALSPAC cohort.

Model	n	continuous SB/day			<1/day	1-2/day		>2/day			
		OR	95% CL		REF	OR	95% CL	OR	95% CL		
1	3088	1.02	0.89	1.16	1.00	0.99	0.78	1.26	0.95	0.71	1.26
2	2739	1.05	0.91	1.21	1.00	0.96	0.74	1.24	0.96	0.70	1.31
3	2715	0.99	0.83	1.17	1.00	0.84	0.62	1.13	0.81	0.57	1.16
4	2682	1.05	0.91	1.22	1.00	0.98	0.75	1.27	0.97	0.71	1.33

Model 1: adjusts for total energy intake. Model 2: model 1 + sex, maternal education, maternal pre-pregnancy body mass index, and breastfeeding duration. Model 3: model 2 + body mass index category at 24 years. Model 4: model 2 + AUDIT-C (Alcohol Use Disorder Identification Test – Concise) score at 24 years. Abbreviations: ALSPAC = Avon Longitudinal Study of Parents and Children, SB = sugary beverages, OR = odds ratio, CL = confidence limits.

Table S2. Adjusted ¹ associations between free sugar percent quintiles at 3 years and severe hepatic steatosis at 24 years with and without total energy intake in the ALSPAC cohort.

	n	Q1 (0.14–11.5)		Q2 (11.5–13.5)		Q3 (13.5–15.3)		Q4 (15.3–17.7)		Q5 (17.7–36.6)		Per quintile		p-trend				
		REF	OR	95% CL	OR	95% CL	OR	95% CL	OR	95% CL	OR	95% CL						
No TEI adjust-ment	2742	1.00	0.82	0.54	1.24	0.99	0.66	1.48	1.02	0.69	1.52	1.11	0.75	1.65	1.05	0.95	1.14	0.35
TEI adjust-ment	2742	1.00	0.81	0.53	1.23	0.98	0.65	1.47	1.01	0.67	1.50	1.09	0.73	1.62	1.04	0.95	1.14	0.39

¹Both models are also adjusted for sex, maternal education, maternal pre-pregnancy body mass index, and breastfeeding duration. Abbreviations: ALSPAC = Avon Longitudinal Study of Parents and Children, TEI = total energy intake, OR = odds ratio, CL = confidence limits.

Table S3. Adjusted ¹ associations between sugary beverage intake at 3 years and severe hepatic steatosis at 24 years with and without total energy intake in the ALSPAC cohort.

	n	continuous SB/day		<1/day	1-2/day		>2/day				
		OR	95% CL	REF	OR	95% CL	OR	95% CL			
NO TEI adjust-ment	2739	1.05	0.87	1.26	1.00	1.18	0.82	1.71	1.21	0.79	1.85

TEI ad- justment	2739	1.04	0.86	1.25	1.00	1.18	0.81	1.70	1.19	0.77	1.83
---------------------	------	------	------	------	------	------	------	------	------	------	------

¹Both models are also adjusted for sex, maternal education, maternal pre-pregnancy body mass index, and breastfeeding duration. Abbreviations: ALSPAC = Avon Longitudinal Study of Parents and Children, SB = sugary beverages, TEI = total energy intake, OR = odds ratio, CL = confidence limits.