

Supplementary Table S2. Association between pre-pregnancy BMI, gestational weight gain, and childhood BRIEF GEC score among children born at 37 weeks gestation or greater (n=296).

Model	GEC score				Inhibit				Shift				Emotional Control				Working Memory				Plan/Organize			
	<i>B</i>	<i>se</i>	β	<i>p</i>	<i>B</i>	<i>se</i>	β	<i>p</i>	<i>B</i>	<i>se</i>	β	<i>p</i>	<i>B</i>	<i>se</i>	β	<i>p</i>	<i>B</i>	<i>se</i>	β	<i>p</i>	<i>B</i>	<i>se</i>	β	<i>p</i>
Model 1																								
BMI (continuous)	0.40	0.17	0.17	0.02	0.10	0.05	0.14	0.04	0.06	0.03	0.15	0.04	0.04	0.03	0.09	0.20	0.12	0.05	0.18	0.02	0.07	0.03	0.18	0.004
Model 2																								
BMI (categorical)																								
0 - 24.9 (referent)																								
25 - 29.9	0.38	3.05	0.01	0.90	0.01	1.01	0.001	0.99	0.26	0.46	0.03	0.56	-0.39	0.53	-0.04	0.46	0.44	1.01	0.03	0.67	-0.07	0.54	-0.01	0.90
30 - 34.9	-0.99	3.74	-0.01	0.79	-0.69	1.08	-0.03	0.53	-0.68	0.64	-0.06	0.29	-0.57	0.91	-0.04	0.53	0.43	1.05	0.02	0.68	0.40	0.66	0.03	0.54
> 35	9.81	4.45	0.17	0.03	2.43	1.19	0.14	0.04	1.36	0.72	0.14	0.06	1.13	0.80	0.10	0.16	3.31	1.40	0.20	0.02	1.58	0.71	0.16	0.03
Model 3																								
Gestational weight gain (kg) (continuous)	0.20	0.15	0.08	0.18	0.04	0.05	0.05	0.39	0.02	0.02	0.05	0.38	0.02	0.03	0.04	0.56	0.06	0.04	0.08	0.16	0.05	0.03	0.11	0.04
Model 4																								
Gestational weight gain (kg) (categorical)																								
Less than adequate	2.13	4.07	0.04	0.60	1.04	1.13	0.07	0.36	0.40	0.65	0.05	0.54	0.81	0.77	0.08	0.29	-0.004	1.21	-0.00	1.00	-0.62	0.70	-0.07	0.38
Adequate (referent)																								
More than adequate	2.49	3.08	0.06	0.42	0.75	0.85	0.06	0.38	0.40	0.49	0.06	0.41	0.33	0.57	0.04	0.57	0.30	0.91	0.02	0.74	0.14	0.52	0.02	0.79

B: unstandardized regression coefficient; **se**: robust standard error; **β**: standardized coefficient; **p**: p-value; Models 1 and 2 adjusted for gestational diabetes, parity, birth weight, child's age, sex, mother's age, race, education, gestational weeks, smoking and mother's concurrent ADHD; Models 3 and 4 adjusted for pre-pregnancy BMI, parity, birth weight, child's age, sex, mom's age, race, education, gestational weeks, smoking and mother's ADHD.