

**Supplemental Table 1**

Differences in birth size, maternal and household characteristics between children with complete measurements vs. missing body composition from the POSGRAD cohort at follow-up 8-10 years of age<sup>1</sup>.

	<b>Included</b>	<b>Excluded</b>	<b>P-value<sup>a</sup></b>
	<b>Mean ± SD</b>		
	<b>n = 536</b>	<b>n = 510</b>	
<b>Child Characteristics</b>			
<i>Birth weight, kg</i>	3.22 ± 0.47	3.17 ± 0.47	0.04
<i>Birth height, cm</i>	50.37 ± 2.39	50.15 ± 2.65	0.18
<i>Parity</i>	N (%)		
1 <sup>st</sup> child	203 (38)	195 (38)	0.90
>= 2 <sup>nd</sup> child	333 (62)	315 (62)	
<b>Maternal Characteristics</b>			
<i>Age, y</i>	26.67 ± 4.71	25.80 ± 5.66	0.01
<i>Schooling, y</i>	12.98 ± 3.53	11.93 ± 3.54	0.83
<b>Household Characteristics</b>			
<b>SES</b>	N (%)		
1 <i>Lowest</i>	158 (29)	196 (35)	0.08
2	179 (34)	176 (33)	
3 <i>Highest</i>	199 (37)	179 (32)	

<sup>11</sup>Values are means ± SDs unless otherwise stated. P values are for chi-square tests (categorical variables) or t tests (continuous variables). POSGRAD, Prenatal Omega-3 Fatty Acid Supplementation and Child Growth and Development; SES,

Supplementary data

**Supplemental Table 2**

Fit Statistics for the Candidate Latent Class Growth Height and Weight Models, by Sex, in the POSGRAD cohort at follow-up 8-10 years of age.

Fit Statistics	Height					
	Girls ( <i>n</i> = 255)			Boys ( <i>n</i> = 281)		
	2 Class	3 Class	4 Class	2 Class	3 Class	4 Class
Log likelihood	-7,095	-6,983	-6,933	-7,685	-7,600	-7,557
BIC	14,279	14,070	13,987	15,460	15,307	15,239
Entropy	0.79	0.86	0.86	0.82	0.83	0.84
LMR test	406.9	212.6	94.1	469.7	160.6	80.3
LMR, <i>P</i> value	0.02	0.11	0.19	0.0003	0.02	0.12
BLRT test	-7,310	-7,095	-6,982	-7,933	-7,684	-7600
BLRT, <i>P</i> value	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001

Abbreviations: BIC, Bayesian Information Criterion; LMR, Lo-Mendell-Rubin Likelihood Ratio Test; BLRT, Bootstrap Likelihood Ratio Test.