

Frederick et al Supplemental Table 3:
Covariates that showed evidence of association with outcome measures in the comparison of patients by diet when <1 year old

Testing_Framework	Outcome	Predictor	Effect	Pvalue	Covariate1	Effect	Pvalue	Covariate2	Effect	Pvalue	Covariate3	Effect	Pvalue	Comment	Testing_Framework	Testing_Framework
GLM, Gaussian	growth_2_6	diet_1	-3.90E-02	0.822603	genderMale	7.45E-01	0.000853	income	-5.24E-06	0.035817	location	-3.50E-01	0.432235		GLM, Gaussian	GLM, Gaussian
GLM, Gaussian	growth_7_11	diet_1	7.81E-02	0.675123	genderMale	8.46E-01	0.002225								GLM, Gaussian	GLM, Gaussian
GLM, Gaussian	growth_12_16	diet_1	-0.3278	0.06988	genderMale	0.8729	0.00141								GLM, Gaussian	GLM, Gaussian
GLM, Gaussian	growth_17	diet_1	-0.28916	0.0155	genderMale	0.32149	0.1182							Stricter diet is nominally associated with being smaller	GLM, Gaussian	GLM, Gaussian
GLM, Gaussian	AMH	diet_1	0.01547	0.875	residual_activity	0.92112	7.15E-06							Predicted residual GALT activity $\geq 0.4\%$ is strongly associated with higher AMH; diet doesn't associate	GLM, Gaussian	GLM, Gaussian
GLM, Gaussian	ABAS-3 Composite Score	diet_1	-5.43E-01	0.8124	income	1.30E-04	0.0024								GLM, Gaussian	GLM, Gaussian
GLM, Gaussian	ABAS-3 Conceptual Sub-Score	diet_1	7.70E-02	0.974	income	1.21E-04	0.0133	education	5.17E-01	0.8027					GLM, Gaussian	GLM, Gaussian
GLM, Gaussian	ABAS-3 Social Sub-Score	diet_1	9.42E-01	0.6709	income	1.17E-04	0.01128	location	-1.35E+01	0.00899	education	-2.38E-01	0.90353		GLM, Gaussian	GLM, Gaussian
GLM, Gaussian	ABAS-3 Practical Sub-Score	diet_1	1.57E+00	0.49205	income	1.29E-04	0.00264								GLM, Gaussian	GLM, Gaussian
GLM, Binomial	Received speech therapy?	diet_1	3.46E-01	0.1447	residual_activity	-9.18E-01	0.0441							Predicted residual GALT activity $\geq 0.4\%$ is weakly associated with not receiving speech therapy	GLM, Binomial	GLM, Binomial
GLM, Binomial	Received special educational services other than for speech	diet_1	9.24E-02	0.632	income	-5.65E-06	0.124								GLM, Binomial	GLM, Binomial

race_ethnicity, income, education, residual_activity, location, gender were individually tested against all outcomes. They were included in the final model if and only if they were individually significant.