

Table S1. Weights for statistically significant McCarthy scales from the prenatal good nutrition index.

Nutrient	GCI	Memory	Motor	Perception	Quantitative	Verbal
Zinc	0.056	0.060	0.138	0.053	0.043	0.018
Vitamin E	0.013	0.026	0.037	0.012	0.009	0.017
Vitamin D	0.000	0.001	0.001	0.000	0.000	0.001
Vitamin B6	0.041	0.067	0.215	0.042	0.004	0.055
Vitamin B12	0.005	0.002	0.000	0.000	0.000	0.074
Vitamin A	0.014	0.045	0.075	0.053	0.033	0.009
Thiamine	0.148	0.174	0.056	0.058	0.093	0.211
Selenium	0.061	0.008	0.004	0.013	0.043	0.058
Riboflavin	0.005	0.003	0.006	0.001	0.003	0.010
Protein	0.008	0.021	0.003	0.034	0.000	0.006
Potassium	0.038	0.012	0.026	0.037	0.048	0.047
Phosphorus	0.000	0.018	0.000	0.000	0.000	0.055
Niacin	0.007	0.010	0.002	0.000	0.160	0.021
Magnesium	0.019	0.004	0.020	0.049	0.000	0.009
Iron	0.073	0.074	0.103	0.047	0.026	0.102
Fiber	0.002	0.015	0.084	0.048	0.001	0.002
Polyunsaturated fats	0.071	0.135	0.014	0.017	0.204	0.065
Monounsaturated fats	0.086	0.184	0.030	0.116	0.237	0.018
Calcium	0.355	0.143	0.187	0.420	0.094	0.220

Note. Includes dietary and supplemental nutrition intake.

Table S2. Weights for statistically significant McCarthy scales from the prenatal poor nutrition index.

Nutrient	GCI	Memory	Motor	Perception	Quantitative	Verbal
Sugar	0.021	0.040	0.003	0.003	0.025	0.032
Sodium	0.054	0.046	0.059	0.129	0.002	0.106
Saturated fat	0.104	0.114	0.186	0.108	0.218	0.082
_Zinc	0.058	0.057	0.147	0.046	0.049	0.024
_Vitamin E	0.006	0.010	0.010	0.002	0.000	0.007
_Vitamin D	0.000	0.000	0.001	0.000	0.000	0.000
_Vitamin B6	0.021	0.029	0.116	0.023	0.001	0.024
_Vitamin B12	0.016	0.006	0.001	0.000	0.004	0.098
_Vitamin A	0.004	0.017	0.014	0.021	0.004	0.003
_Thiamine	0.094	0.113	0.017	0.032	0.048	0.138
_Selenium	0.066	0.010	0.005	0.017	0.054	0.058
_Riboflavin	0.011	0.005	0.010	0.003	0.009	0.018
_Protein	0.001	0.007	0.053	0.020	0.000	0.000
_Potassium	0.025	0.013	0.033	0.026	0.048	0.019
_Phosphorus	0.001	0.032	0.000	0.000	0.001	0.052
_Niacin	0.004	0.008	0.003	0.000	0.071	0.013
_Magnesium	0.010	0.003	0.019	0.028	0.001	0.004
_Iron	0.010	0.016	0.005	0.041	0.001	0.007
_Fiber	0.271	0.118	0.137	0.287	0.078	0.160
_Polyunsaturated fat	0.055	0.094	0.018	0.010	0.094	0.057
_Monounsaturated fat	0.116	0.212	0.088	0.182	0.283	0.036
_Calcium	0.052	0.050	0.075	0.022	0.008	0.062

Note. Includes dietary and supplemental nutrition intake; “_” in front of nutrient denotes negated value.

Table S3. Weights for statistically significant McCarthy scales from the childhood good nutrition index.

Nutrient	Perception
Zinc	0.000
Vitamin E	0.013
Vitamin D	0.082
Vitamin B6	0.007
Vitamin B12	0.000
Vitamin A	0.022
Thiamine	0.013
Selenium	0.066
Riboflavin	0.012
Protein	0.021
Potassium	0.004
Phosphorus	0.000
Niacin	0.082
Magnesium	0.001
Iron	0.003
Fiber	0.059
Polyunsaturated fat	0.061
Monounsaturated fat	0.297
Calcium	0.260

Note. Includes dietary nutrition intake.

Table S4. Weights for statistically significant McCarthy scales from the childhood poor nutrition index

Nutrient	Memory	Perception	Quantitative
Sugar	0.004	0.009	0.001
Sodium	0.179	0.124	0.182
Saturated fat	0.137	0.194	0.202
_Zinc	0.000	0.001	0.000
_Vitamin E	0.002	0.003	0.004
_Vitamin D	0.000	0.012	0.000
_Vitamin B6	0.000	0.004	0.004
_Vitamin B12	0.006	0.003	0.009
_Vitamin A	0.002	0.007	0.003
_Thiamine	0.003	0.007	0.019
_Selenium	0.059	0.106	0.092
_Riboflavin	0.012	0.034	0.042
_Protein	0.276	0.023	0.089
_Potassium	0.006	0.008	0.003
_Phosphorus	0.001	0.003	0.000
_Niacin	0.000	0.031	0.019
_Magnesium	0.016	0.002	0.046
_Iron	0.005	0.001	0.013
_Fiber	0.018	0.015	0.029
_Polyunsaturated fat	0.001	0.038	0.005
_Monounsaturated fat	0.134	0.220	0.213
_Calcium	0.140	0.153	0.026

Note. Includes dietary nutrition intake; “_” in front of nutrient denotes negated value.

Figure S1

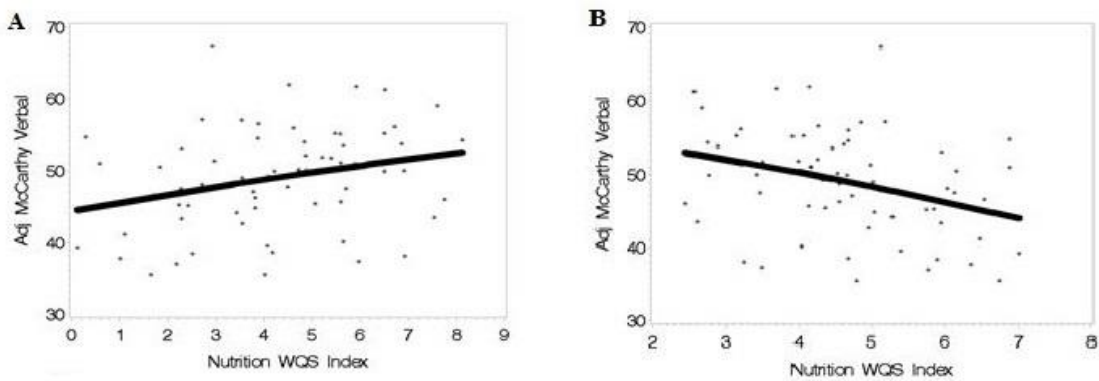


Figure S1. Individual level data for the verbal score for the prenatal (a) “good nutrition” index, and (b) “poor nutrition” index.

Figure S2

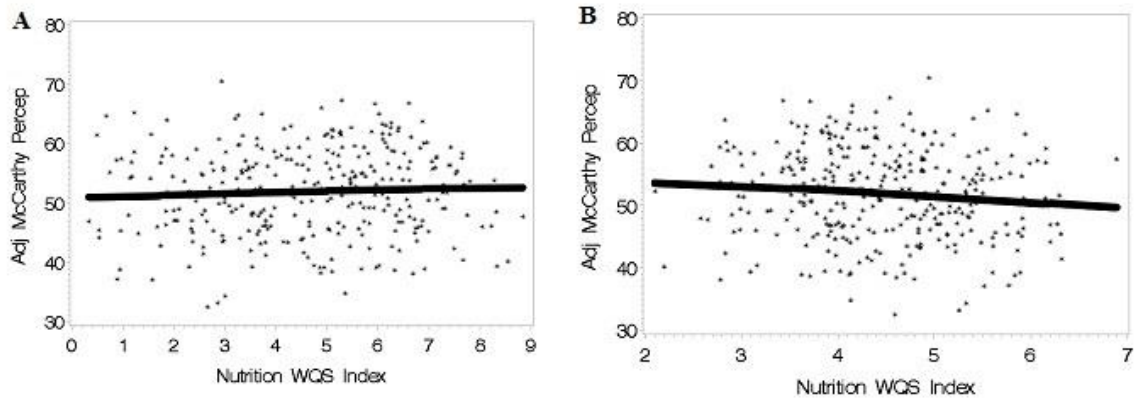


Figure S2. Individual level data for the perception score for the childhood (a) "good nutrition" index, and (b) "poor nutrition" index.