

Table S1. Linear regression relationships between parental weight perceptions and children's dietary patterns among different ZBMI weight status of children

Weight Perceptions	Traditional Dietary Pattern			Snacking Dietary Pattern		
	$\hat{\beta}$	t	P	$\hat{\beta}$	t	P
Underweight						
Concern about child becoming overweight						
Unconcerned	Ref	-	-	Ref	-	-
Concerned	-0.045	-0.653	0.514	0.187	2.711	0.007
Satisfaction with child body weight						
Same	Ref	-	-	Ref	-	-
Wish thinner	-0.146	-2.013	0.045	0.162	2.195	0.029
Wish heavier	-0.189	-2.619	0.009	-0.024	-0.322	0.648
Misperception of child body weight						
Correct	Ref	-	-	Ref	-	-
Overestimate	0.156	2.343	0.020	0.041	0.603	0.547
Normal weight						
Concern about child becoming overweight						
Unconcerned	Ref	-	-	Ref	-	-
concerned	0.041	1.277	0.220	0.015	0.453	0.650
Satisfaction with child body weight						
Same	Ref	-	-	Ref	-	-
Wish thinner	-0.024	-0.660	0.509	0.040	1.099	0.272
Wish heavier	-0.064	-1.765	0.078	0.040	1.110	0.267
Misperception of child body weight						
Correct	Ref	-	-	Ref	-	-
Overestimate	0.035	1.043	0.297	0.026	0.786	0.432
Underestimate	-0.051	-1.535	0.125	-0.029	-0.870	0.385
Overweight/Obese						
Concern about child becoming overweight						
Unconcerned	Ref	-	-	Ref	-	-
Concerned	-0.056	-1.047	0.296	0.079	1.492	0.137
Satisfaction with child body weight						
Same	Ref	-	-	Ref	-	-
Wish thinner	-0.067	-1.124	0.262	0.003	0.507	0.955
Wish heavier	0.002	0.026	0.980	-0.078	-1.333	0.183
Misperception of child body weight						
Correct	Ref	-	-	Ref	-	-
Underestimate	0.002	0.034	0.973	0.073	1.358	0.173

$\hat{\beta}$, Standardized Regression coefficients.

Regression model with adjustments of child gender, age, only child, parental role and parental education.

Table S2. Linear regression relationships between parental weight perceptions and caregiver feeding practices among different ZBMI weight status of children

Weight Percep- tions	Restriction			Food as Reward			Pressure to Eat			Monitoring		
	$\hat{\beta}$	t	P	$\hat{\beta}$	t	P	$\hat{\beta}$	t	P	$\hat{\beta}$	t	P
Underweight												
Concern about child becoming overweight												
Unconcerned	Ref	-	-	Ref	-	-	Ref	-	-	Ref	-	-
Concerned	-0.141	-2.011	0.046	-0.080	-1.144	0.254	-0.075	-1.082	0.280	-0.152	-2.204	0.029
Satisfaction with child body weight												
Same	Ref	-	-	Ref	-	-	Ref	-	-	Ref	-	-
Wish thinner	0.030	0.396	0.693	-0.013	-0.170	0.865	-0.029	-0.403	0.687	0.017	0.225	0.822
Wish heavier	0.122	1.635	0.104	0.122	1.641	0.102	0.250	3.506	0.001	0.118	1.603	0.110
Misperception of child body weight												
Correct	Ref	-	-	Ref	-	-	Ref	-	-	Ref	-	-
Overestimate	-0.103	-1.507	0.133	-0.089	-1.297	0.196	-0.127	-1.893	0.060	-0.077	-1.143	0.254
Normal weight												
Concern about child becoming overweight												
Unconcerned	Ref	-	-	Ref	-	-	Ref	-	-	Ref	-	-
Concerned	0.071	2.138	0.033	0.001	0.037	0.971	0.015	0.454	0.650	0.018	0.529	0.597
Satisfaction with child body weight												
Same	Ref	-	-	Ref	-	-	Ref	-	-	Ref	-	-
Wish thinner	-0.003	-0.082	0.935	-0.008	-0.231	0.817	-0.043	-1.208	0.227	0.006	0.166	0.868
Wish heavier	-0.061	-1.669	0.095	0.012	0.321	0.748	0.115	3.227	0.001	-0.006	-0.173	0.863
Misperception of child body weight												
Correct	Ref	-	-	Ref	-	-	Ref	-	-	Ref	-	-
Overestimate	0.054	1.616	0.106	0.043	1.286	0.199	0.021	0.627	0.531	0.053	1.613	0.107
Underestimate	-0.053	-1.600	0.110	0.023	0.678	0.498	0.079	2.399	0.017	0.019	0.563	0.573
Overweight/Obese												
Concern about child becoming overweight												
Unconcerned	Ref	-	-	Ref	-	-	Ref	-	-	Ref	-	-
Concerned	0.027	0.499	0.618	-0.064	-1.194	0.233	-0.075	-1.416	0.158	-0.016	-0.301	0.763
Satisfaction with child body weight												
Same	Ref	-	-	Ref	-	-	Ref	-	-	Ref	-	-
Wish thinner	0.100	1.690	0.092	-0.007	-0.113	0.910	-0.019	-0.326	0.745	0.090	1.517	0.130
Wish heavier	-0.041	-0.696	0.487	-0.029	-0.494	0.622	0.170	2.940	0.004	0.069	1.183	0.238
Misperception of child body weight												
Correct	Ref	-	-	Ref	-	-	Ref	-	-	Ref	-	-
Underestimate	-0.108	-2.003	0.046	0.025	0.468	0.640	0.168	3.152	0.002	-0.046	-0.856	0.393

$\hat{\beta}$, Standardized Regression coefficients.

Regression model with adjustments of child gender, age, only child, parental role and parental education.

Table S3. Linear regression relationships between parental feeding practices and children's dietary patterns among different ZBMI weight status of children

Weight Perceptions	Traditional Dietary Pattern			Snacking Dietary Pattern		
	$\hat{\beta}$	t	P	$\hat{\beta}$	t	P
Underweight						
Restriction	0.044	0.574	0.567	-0.189	-2.531	0.012
Food as reward	-0.001	-0.012	0.991	-0.033	-0.494	0.622
Pressure to eat	-0.151	-2.202	0.029	0.038	0.572	0.568
Monitoring	0.194	2.542	0.012	-0.208	-2.792	0.006
Normal weight						
Restriction	0.001	0.015	0.988	-0.091	-2.385	0.017
Food as reward	-0.072	-2.083	0.038	-0.041	-1.197	0.232
Pressure to eat	0.009	0.270	0.787	0.090	2.677	0.008
Monitoring	0.104	2.647	0.008	-0.143	-3.745	<0.001
Overweight/Obese						
Restriction	0.010	0.145	0.885	-0.221	-3.527	<0.001
Food as reward	-0.065	-1.153	0.250	-0.071	-1.330	0.185
Pressure to eat	0.015	0.271	0.787	0.060	1.139	0.255
Monitoring	0.154	2.405	0.017	-0.106	-1.724	0.086

$\hat{\beta}$, Standardized Regression coefficients.

Regression model includes restriction, food as reward, pressure to eat and monitoring, plus child gender, age, only child, parental role and parental education.