

Appendix B. Regression analyses

Appendix B.1. Simple linear regression models with the change in child level of boredom or the changes in child eating behaviors (when change occurred) as dependent variables and child age, sex and child BMI z-score as independent variables.

Change in behavior	Df	Estimate	Std. Error	<i>t</i>	<i>p</i>
Child boredom					
Age	274	0.02	0.02	0.75	0.45
Sex [<i>ref boys</i>]	274	-0.08	0.09	-0.84	0.40
z-BMI	269	-0.05	0.03	-1.90	0.06
Emotional overeating					
Age	150	-0.04	0.02	-1.73	0.09
Sex [<i>ref boys</i>]	150	-0.05	0.10	-0.55	0.58
z-BMI	147	-0.04	0.03	-1.42	0.16
Food responsiveness					
Age	224	-0.01	0.02	-0.50	0.62
Sex [<i>ref boys</i>]	224	-0.01	0.08	-0.13	0.90
z-BMI	220	-0.07	0.02	-2.96	<0.001
Food enjoyment					
Age	135	-0.04	0.03	-1.53	0.13
Sex [<i>ref boys</i>]	135	0.07	0.14	0.49	0.62
z-BMI	132	-0.04	0.04	-0.92	0.36
Appetite					
Age	164	-0.03	0.03	-0.97	0.33
Sex [<i>ref boys</i>]	164	0.13	0.12	1.07	0.29
z-BMI	160	0.00	0.03	-0.09	0.93
Food pickiness					
Age	96	-0.04	0.04	-1.12	0.26
Sex [<i>ref boys</i>]	96	0.18	0.17	1.01	0.31
z-BMI	94	-0.03	0.04	-0.64	0.52
Mid-afternoon snack frequency					
Age	116	0.01	0.06	0.18	0.85
Sex [<i>ref boys</i>]	116	-0.07	0.27	-0.25	0.80
z-BMI	114	0.04	0.09	0.42	0.67
Snack frequency in between meals					
Age	198	0.03	0.04	0.72	0.47
Sex [<i>ref boys</i>]	198	0.19	0.18	1.03	0.31
z-BMI	194	-0.09	0.06	-1.55	0.12

Appendix B.2. Simple linear regression models with the changes in parental feeding practices (when change occurred) as dependent variables and parental demographics as independent variables.

Change in practice	Df	Estimate	Std. Error	<i>t</i>	<i>p</i>
Soothing with food					
Level of education	89	-0.05	0.03	-1.69	0.10
No work ^a [<i>ref working outside</i>]	88	0.08	0.09	0.87	0.39
Working from home [<i>ref working outside</i>]	88	-0.07	0.10	-0.67	0.51
Parent sex [<i>ref men</i>]	89	-0.02	0.08	-0.22	0.82
Single parent [<i>ref couple</i>]	89	-0.15	0.15	-0.99	0.32
Parent BMI	89	0.01	0.01	1.40	0.17
Guided choices – when					
Level of education	128	-0.04	0.03	-1.08	0.28
No work ^a [<i>ref working outside</i>]	127	-0.16	0.12	-1.34	0.18
Working from home [<i>ref working outside</i>]	127	-0.14	0.13	-1.15	0.25
Parent sex [<i>ref men</i>]	128	0.22	0.09	2.32	0.02
Single parent [<i>ref couple</i>]	128	-0.19	0.13	-1.46	0.15
Parent BMI	128	0.14	0.01	0.75	0.45
Guided choices – what					
Level of education	107	-0.08	0.04	-1.88	0.06
No work ^a [<i>ref working outside</i>]	106	-0.15	0.15	-0.98	0.33
Working from home [<i>ref working outside</i>]	106	-0.18	0.15	-1.20	0.23
Parent sex [<i>ref men</i>]	107	-0.08	0.11	-0.69	0.49
Single parent [<i>ref couple</i>]	107	-0.23	0.16	-1.44	0.15
Parent BMI	107	0.01	0.01	1.00	0.32
Guided choices – amount					
Level of education	68	0.03	0.06	0.44	0.66
No work ^a [<i>ref working outside</i>]	67	0.01	0.20	0.06	0.95
Working from home [<i>ref working outside</i>]	67	-0.08	0.22	-0.38	0.70
Parent sex [<i>ref men</i>]	68	-0.17	0.16	-1.05	0.30
Single parent [<i>ref couple</i>]	68	-0.33	0.25	-1.34	0.18
Parent BMI	68	0.00	0.01	0.33	0.74
Meal atmosphere					
Level of education	115	0.10	0.05	1.79	0.08
No work ^a [<i>ref working outside</i>]	114	0.17	0.19	0.90	0.37
Working from home [<i>ref working outside</i>]	114	0.29	0.20	1.41	0.16
Parent sex [<i>ref men</i>]	115	0.15	0.15	1.00	0.32
Single parent [<i>ref couple</i>]	115	0.04	0.21	0.2	0.85
Parent BMI	115	-0.03	0.01	-2.47	0.01
Rules and limits around unhealthy foods					
Level of education	133	-0.08	0.03	-2.45	0.02
No work ^a [<i>ref working outside</i>]	132	0.00	0.11	-0.01	0.99
Working from home [<i>ref working outside</i>]	132	-0.07	0.12	-0.53	0.60
Parent sex [<i>ref men</i>]	133	0.07	0.09	0.81	0.42
Single parent [<i>ref couple</i>]	133	-0.02	0.14	-0.14	0.89
Parent BMI	133	0.00	0.01	0.22	0.83

Meal setting					
Level of education	65	0.02	0.04	0.42	0.67
No work ^a [<i>ref working outside</i>]	64	-0.02	0.16	-0.11	0.92
Working from home [<i>ref working outside</i>]	64	0.12	0.16	0.74	0.46
Parent sex [<i>ref men</i>]	65	-0.06	0.11	-0.56	0.58
Single parent [<i>ref couple</i>]	65	0.04	0.15	0.25	0.80
Parent BMI	65	-0.00	0.01	-0.71	0.48
Feeding on a schedule					
Level of education	154	0.11	0.04	2.65	0.01
No work ^a [<i>ref working outside</i>]	153	-0.04	0.13	-0.35	0.73
Working from home [<i>ref working outside</i>]	153	0.10	0.14	0.70	0.48
Parent sex [<i>ref men</i>]	154	-0.06	0.11	-0.53	0.60
Single parent [<i>ref couple</i>]	154	-0.18	0.15	-1.19	0.24
Parent BMI	154	-0.01	0.01	-1.51	0.13

^a No work refers to those parents who were at home without work; e.g., those who are technically unemployed due to the lockdown, parents on parental leave, students, etc.

Appendix B.3. Simple linear regression models with changes in motivations for buying foods for the child as dependent variables and parental demographics as independent variables

Change in motivation	Df	Estimate	Std. Error	t	p
Low price					
Level of education	210	-0.01	0.05	-0.23	0.82
No work ^a [<i>ref working outside</i>]	209	-0.12	0.18	-0.70	0.49
Working from home [<i>ref working outside</i>]	209	-0.07	0.18	-0.40	0.69
Parent sex [<i>ref men</i>]	210	-0.11	0.15	-0.75	0.45
Financial status ^b	209	0.08	0.07	1.19	0.23
Single parent [<i>ref couple</i>]	210	0.30	0.21	1.39	0.16
Parent BMI	210	0.02	0.01	1.88	0.06
Convenience					
Level of education	286	-0.11	0.05	-2.18	0.03^c
No work ^a [<i>ref working outside</i>]	285	-0.41	0.17	-2.41	0.02*
Working from home [<i>ref working outside</i>]	285	-0.54	0.17	-3.18	<0.001*
Parent sex [<i>ref men</i>]	286	0.07	0.14	0.51	0.61
Financial status ^b	285	-0.09	0.06	-1.36	0.18
Single parent [<i>ref couple</i>]	286	-0.07	0.19	-0.35	0.72
Parent BMI	286	0.03	0.01	2.05	0.04^c
Conservation					
Level of education	182	0.08	0.07	1.18	0.24
No work ^a [<i>ref working outside</i>]	181	-0.31	0.23	-1.34	0.18
Working from home [<i>ref working outside</i>]	181	-0.25	0.24	-1.03	0.30
Parent sex [<i>ref men</i>]	182	-0.02	0.19	-0.09	0.93
Financial status ^b	181	0.03	0.09	0.37	0.71
Single parent [<i>ref couple</i>]	182	0.46	0.28	1.65	0.10
Parent BMI	182	-0.04	0.02	-2.22	0.03
Pleasure					
Level of education	282	0.06	0.03	1.84	0.07
No work ^a [<i>ref working outside</i>]	281	-0.14	0.10	-1.38	0.17
Working from home [<i>ref working outside</i>]	281	-0.06	0.11	-0.56	0.58
Parent sex [<i>ref men</i>]	282	0.09	0.08	1.02	0.31
Financial status ^b	281	0.00	0.04	0.03	0.98
Single parent [<i>ref couple</i>]	282	-0.05	0.13	-0.40	0.69
Parent BMI	282	-0.01	0.01	-0.65	0.51
Health control					
Level of education	235	0.13	0.04	3.25	<0.001
No work ^a [<i>ref working outside</i>]	234	0.04	0.14	0.26	0.79
Working from home [<i>ref working outside</i>]	234	0.11	0.14	0.79	0.43
Parent sex [<i>ref men</i>]	235	0.07	0.11	0.64	0.52
Financial status ^b	234	0.07	0.05	1.36	0.18
Single parent [<i>ref couple</i>]	235	-0.01	0.16	-0.07	0.94
Parent BMI	235	-0.01	0.01	-0.79	0.43
Sustainability					
Level of education	323	0.17	0.03	5.04	<0.001*
No work ^a [<i>ref working outside</i>]	322	-0.08	0.12	-0.69	0.49

Working from home [<i>ref working outside</i>]	322	0.10	0.12	0.87	0.38
Parent sex [<i>ref men</i>]	323	-0.08	0.09	-0.87	0.39
Financial status ^b	321	0.14	0.04	3.19	<0.001^c
Single parent [<i>ref couple</i>]	323	-0.37	0.14	-2.57	0.01*
Parent BMI	323	-0.01	0.01	-1.76	0.08
Preference					
Level of education	214	0.02	0.03	0.67	0.51
No work ^a [<i>ref working outside</i>]	213	-0.13	0.11	-1.18	0.24
Working from home [<i>ref working outside</i>]	213	-0.16	0.12	-1.34	0.18
Parent sex [<i>ref men</i>]	214	-0.07	0.09	-0.74	0.46
Financial status ^b	213	0.04	0.04	0.84	0.40
Single parent [<i>ref couple</i>]	214	0.29	0.16	1.79	0.07
Parent BMI	214	-0.01	0.01	-1.65	0.10
Weight control					
Level of education	186	0.12	0.05	2.37	0.02^c
No work ^a [<i>ref working outside</i>]	185	-0.03	0.18	-0.18	0.86
Working from home [<i>ref working outside</i>]	185	0.03	0.19	0.18	0.86
Parent sex [<i>ref men</i>]	186	-0.14	0.15	-0.94	0.35
Financial status ^b	185	0.13	0.06	2.08	0.04^c
Single parent [<i>ref couple</i>]	186	0.04	0.22	0.20	0.84
Parent BMI	186	-0.02	0.01	-1.73	0.08
Comforting					
Level of education	187	0.12	0.05	2.28	0.02
No work ^a [<i>ref working outside</i>]	186	-0.05	0.17	-0.29	0.77
Working from home [<i>ref working outside</i>]	186	0.02	0.17	0.09	0.93
Parent sex [<i>ref men</i>]	187	0.11	0.14	0.76	0.45
Financial status ^b	186	0.03	0.07	0.46	0.64
Single parent [<i>ref couple</i>]	187	0.25	0.21	1.20	0.23
Parent BMI	187	-0.02	0.01	-1.37	0.17
Natural					
Level of education	242	0.06	0.05	1.26	0.21
No work ^a [<i>ref working outside</i>]	241	0.22	0.16	1.34	0.18
Working from home [<i>ref working outside</i>]	241	0.09	0.17	0.56	0.58
Parent sex [<i>ref men</i>]	242	-0.22	0.13	-1.68	0.09
Financial status ^b	240	0.07	0.06	1.14	0.26
Single parent [<i>ref couple</i>]	242	-0.22	0.19	-1.13	0.26
Parent BMI	242	0.01	0.01	0.67	0.51

^a No work refers to those parents who were at home without work; e.g., those who are technically unemployed due to the lockdown, parents on parental leave, students, etc.

^b Perceived financial status ranges from less to more comfortable.

^c No longer significant after adjustment for the other significant predictors (multiple regression).

* Remains significant after adjustment for the other significant predictors (multiple regression).