

Food and Brain Study: Data Blitz 01-25-2020

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1 Participant Characteristics (Demographics Database)

Table 1: Demographic Characteristics

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 46	Low Risk, N = 27	High Risk, N = 19	Low Risk, N = 19	High Risk, N = 18
Age, yr	7.9 [6.0 - 9.9]	7.8 [6.0 - 9.0]	8.0 [7.2 - 9.9]	7.9 [6.0 - 9.0]	8.1 [7.2 - 9.9]
Sex					
Male	17 (37%)	12 (44%)	5 (26%)	8 (42%)	5 (28%)
Female	29 (63%)	15 (56%)	14 (74%)	11 (58%)	13 (72%)
Cool-Child, CTC	1.1 [1.0 - 2.0]	1.1 [1.0 - 2.0]	1.0 [1.0 - 1.2]	1.2 [1.0 - 2.0]	1.0 [1.0 - 1.2]
Unknown	7	2	5	1	5
Harmful-Child, CTC	1.6 [1.0 - 4.5]	1.6 [1.0 - 2.8]	1.7 [1.0 - 4.5]	1.5 [1.0 - 2.8]	1.7 [1.0 - 4.5]
Unknown	7	2	5	1	5
Cool-Friend, CTC	1.5 [1.0 - 3.0]	1.6 [1.0 - 3.0]	1.3 [1.0 - 3.0]	1.5 [1.0 - 3.0]	1.3 [1.0 - 3.0]
Unknown	8	3	5	2	5
Parent-Disapprove, CTC	4.7 [1.0 - 5.0]	4.7 [2.5 - 5.0]	4.5 [1.0 - 5.0]	4.7 [2.5 - 5.0]	4.5 [1.0 - 5.0]
Unknown	7	2	5	1	5
Score, AUDIT	2.5 [0.0 - 13.0]	2.4 [0.0 - 6.0]	2.7 [0.0 - 13.0]	2.3 [0.0 - 6.0]	2.9 [0.0 - 13.0]
Unknown	11	1	10	1	10
Category, AUDIT					
Not Harmful Consumption	34 (97%)	26 (100%)	8 (89%)	18 (100%)	7 (88%)
Likely Harmful Consumption	1 (2.9%)	0 (0%)	1 (11%)	0 (0%)	1 (12%)
Unknown	11	1	10	1	10

Note:

PDS: Pubertal Development Scale

¹ Mean [Range]; n (%)

1.1 Food Insecurity

Table 2: Food Insecurity

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 112	Low Risk, N = 53	High Risk, N = 35	Low Risk, N = 33	High Risk, N = 33
Age, yr	7.9 [6.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]
Sex					
Male	61 (54%)	30 (57%)	15 (43%)	19 (58%)	14 (42%)
Female	51 (46%)	23 (43%)	20 (57%)	14 (42%)	19 (58%)
Houshold, HFSSM					
High Food Security	71 (88%)	47 (98%)	24 (73%)	29 (97%)	23 (74%)
Marginal Food Security	6 (7.4%)	1 (2.1%)	5 (15%)	1 (3.3%)	4 (13%)
Low Food Security	1 (1.2%)	0 (0%)	1 (3.0%)	0 (0%)	1 (3.2%)
Very Low Food Security	3 (3.7%)	0 (0%)	3 (9.1%)	0 (0%)	3 (9.7%)
Unknown	31	5	2	3	2
Adult, HFSSM					
High Food Security	73 (90%)	47 (98%)	26 (79%)	29 (97%)	24 (77%)
Marginal Food Security	4 (4.9%)	1 (2.1%)	3 (9.1%)	1 (3.3%)	3 (9.7%)
Very Low Food Security	4 (4.9%)	0 (0%)	4 (12%)	0 (0%)	4 (13%)
Unknown	31	5	2	3	2
6-item (Adult + Household), HFSSM					
High or Marginal Food Security	77 (95%)	48 (100%)	29 (88%)	30 (100%)	27 (87%)
Very Low Food Security	4 (4.9%)	0 (0%)	4 (12%)	0 (0%)	4 (13%)
Unknown	31	5	2	3	2
Child, HFSSM					
High or Marginal Food Security	78 (96%)	48 (100%)	30 (91%)	30 (100%)	28 (90%)
Low Food Security	3 (3.7%)	0 (0%)	3 (9.1%)	0 (0%)	3 (9.7%)
Unknown	31	5	2	3	2
HFIAS					
Food Secure	70 (90%)	47 (98%)	23 (77%)	29 (97%)	22 (76%)
Midly Food Insecure	4 (5.1%)	0 (0%)	4 (13%)	0 (0%)	4 (14%)
Moderately Food Insecure	3 (3.8%)	1 (2.1%)	2 (6.7%)	1 (3.3%)	2 (6.9%)
Severely Food Insecure	1 (1.3%)	0 (0%)	1 (3.3%)	0 (0%)	1 (3.4%)
Unknown	34	5	5	3	4
CCHIP					
Not Hungry	74 (91%)	48 (100%)	26 (79%)	30 (100%)	24 (77%)
At Risk for Hunger	7 (8.6%)	0 (0%)	7 (21%)	0 (0%)	7 (23%)
Unknown	31	5	2	3	2

Note:

CCHIP: Community Childhood Hunger Identification Project

HFIAS: Household Food Insecurity Access Scale

HFSSM: Household Food Security Survey Module

¹ Mean [Range]; n (%)

1.2 Parent/Child - Drugs and Alcohol

Table 3: Baseline: Child Attitudes and Parent Alcohol Use

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 112	Low Risk, N = 53	High Risk, N = 35	Low Risk, N = 33	High Risk, N = 33
Age, yr	7.9 [6.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]
Sex					
Male	61 (54%)	30 (57%)	15 (43%)	19 (58%)	14 (42%)
Female	51 (46%)	23 (43%)	20 (57%)	14 (42%)	19 (58%)
Mom Responsiveness, PSI	3.8 [2.2 - 4.8]	3.7 [2.2 - 4.8]	4.1 [3.0 - 4.8]	3.7 [2.8 - 4.8]	4.2 [3.2 - 4.8]
Unknown	51	13	14	8	14
Dad Responsiveness, PSI	3.7 [1.0 - 5.0]	3.7 [2.2 - 5.0]	3.7 [1.0 - 4.8]	3.7 [2.4 - 4.8]	3.7 [1.0 - 4.8]
Unknown	48	14	10	7	10
Cool-Child, CTC	1.2 [1.0 - 2.3]	1.2 [1.0 - 2.3]	1.1 [1.0 - 2.0]	1.2 [1.0 - 2.2]	1.1 [1.0 - 2.0]
Unknown	37	8	5	5	5
Harmful-Child, CTC	1.9 [1.0 - 5.0]	1.9 [1.0 - 5.0]	1.9 [1.0 - 4.8]	1.7 [1.0 - 3.5]	1.8 [1.0 - 4.8]
Unknown	36	7	5	4	5
Cool-Friend, CTC	1.6 [1.0 - 3.0]	1.6 [1.0 - 3.0]	1.6 [1.0 - 3.0]	1.5 [1.0 - 3.0]	1.6 [1.0 - 3.0]
Unknown	37	8	5	5	5
Parent-Disapprove, CTC	4.3 [1.0 - 5.0]	4.4 [1.0 - 5.0]	4.0 [1.0 - 5.0]	4.5 [1.0 - 5.0]	4.0 [1.0 - 5.0]
Unknown	36	7	5	4	5
Score, AUDIT	2.4 [0.0 - 9.0]	2.7 [0.0 - 9.0]	1.9 [0.0 - 6.0]	2.7 [0.0 - 8.0]	1.9 [0.0 - 6.0]
Unknown	40	6	10	4	9
Category, AUDIT					
Not Harmful Consumption	68 (94%)	43 (91%)	25 (100%)	27 (93%)	24 (100%)
Likely Harmful Consumption	4 (5.6%)	4 (8.5%)	0 (0%)	2 (6.9%)	0 (0%)
Unknown	40	6	10	4	9

Note:

CTC: short & adapted Communities that Care

AUDIT: Alcohol Use Disorders Identification Test

¹ Mean [Range]; n (%)

Table 4: Follow-Up: Child Attitudes and Parent Alcohol Use

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 46	Low Risk, N = 27	High Risk, N = 19	Low Risk, N = 19	High Risk, N = 18
Age, yr	7.9 [6.0 - 9.9]	7.8 [6.0 - 9.0]	8.0 [7.2 - 9.9]	7.9 [6.0 - 9.0]	8.1 [7.2 - 9.9]
Sex					
Male	17 (37%)	12 (44%)	5 (26%)	8 (42%)	5 (28%)
Female	29 (63%)	15 (56%)	14 (74%)	11 (58%)	13 (72%)
Cool-Child, CTC	1.1 [1.0 - 2.0]	1.1 [1.0 - 2.0]	1.0 [1.0 - 1.2]	1.2 [1.0 - 2.0]	1.0 [1.0 - 1.2]
Unknown	7	2	5	1	5
Harmful-Child, CTC	1.6 [1.0 - 4.5]	1.6 [1.0 - 2.8]	1.7 [1.0 - 4.5]	1.5 [1.0 - 2.8]	1.7 [1.0 - 4.5]
Unknown	7	2	5	1	5
Cool-Friend, CTC	1.5 [1.0 - 3.0]	1.6 [1.0 - 3.0]	1.3 [1.0 - 3.0]	1.5 [1.0 - 3.0]	1.3 [1.0 - 3.0]
Unknown	8	3	5	2	5
Parent-Disapprove, CTC	4.7 [1.0 - 5.0]	4.7 [2.5 - 5.0]	4.5 [1.0 - 5.0]	4.7 [2.5 - 5.0]	4.5 [1.0 - 5.0]
Unknown	7	2	5	1	5
Score, AUDIT	2.5 [0.0 - 13.0]	2.4 [0.0 - 6.0]	2.7 [0.0 - 13.0]	2.3 [0.0 - 6.0]	2.9 [0.0 - 13.0]
Unknown	11	1	10	1	10
Category, AUDIT					
Not Harmful Consumption	34 (97%)	26 (100%)	8 (89%)	18 (100%)	7 (88%)
Likely Harmful Consumption	1 (2.9%)	0 (0%)	1 (11%)	0 (0%)	1 (12%)
Unknown	11	1	10	1	10

Note:

CTC: short & adapted Communities that Care

AUDIT: Alcohol Use Disorders Identification Test

¹ Mean [Range]; n (%)

2 Psychological Assessments (Cog-Psych-Soc Database)

2.1 Trait Anxiety: Revised Children's Manifest Anxiety Scale

Table 5: Trait Anxiety: Revised Children's Manifest Anxiety Scale

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 77	Low Risk, N = 47	High Risk, N = 30	Low Risk, N = 31	High Risk, N = 29
Age, yr	7.8 [6.0 - 9.0]	7.8 [6.0 - 9.0]	7.8 [7.0 - 8.9]	7.8 [6.0 - 9.0]	7.8 [7.0 - 8.9]
Sex					
Male	36 (47%)	25 (53%)	11 (37%)	17 (55%)	11 (38%)
Female	41 (53%)	22 (47%)	19 (63%)	14 (45%)	18 (62%)
Physical	4.3 [0.0 - 8.0]	4.0 [0.0 - 8.0]	4.9 [0.0 - 8.0]	3.8 [1.0 - 8.0]	5.0 [0.0 - 8.0]
Worry	4.2 [0.0 - 10.0]	3.4 [0.0 - 9.0]	5.6 [0.0 - 10.0]	3.4 [0.0 - 9.0]	5.7 [0.0 - 10.0]
Concentration	3.2 [0.0 - 9.0]	2.9 [0.0 - 7.0]	3.7 [0.0 - 9.0]	2.5 [0.0 - 7.0]	3.9 [0.0 - 9.0]
Total	11.7 [0.0 - 27.0]	10.2 [1.0 - 20.0]	14.2 [0.0 - 27.0]	9.7 [1.0 - 19.0]	14.5 [0.0 - 27.0]
Grade Norm Category					
Typical	68 (93%)	43 (96%)	25 (89%)	29 (97%)	24 (89%)
Clinical Interest	5 (6.8%)	2 (4.4%)	3 (11%)	1 (3.3%)	3 (11%)
Unknown	4	2	2	1	2
Cutoff Score Category					
Typical	67 (87%)	46 (98%)	21 (70%)	31 (100%)	20 (69%)
Clinically Significant	10 (13%)	1 (2.1%)	9 (30%)	0 (0%)	9 (31%)
Social Desirability	4.9 [0.0 - 9.0]	4.7 [0.0 - 9.0]	5.1 [0.0 - 9.0]	5.2 [0.0 - 9.0]	5.2 [0.0 - 9.0]
Social Desirability Norm Category					
Typical	60 (82%)	36 (80%)	24 (86%)	23 (77%)	23 (85%)
Elevated	13 (18%)	9 (20%)	4 (14%)	7 (23%)	4 (15%)
Unknown	4	2	2	1	2

¹ Mean [Range]; n (%)

2.2 Temperament: Children's Behavior Questionnaire

Table 6: Temperament: Children's Behavior Questionnaire

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 84	Low Risk, N = 49	High Risk, N = 35	Low Risk, N = 31	High Risk, N = 33
Age, yr	7.8 [6.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]
Sex					
Male	42 (50%)	27 (55%)	15 (43%)	17 (55%)	14 (42%)
Female	42 (50%)	22 (45%)	20 (57%)	14 (45%)	19 (58%)
Activity Level	4.0 [2.7 - 5.0]	3.9 [2.7 - 4.9]	4.0 [2.7 - 5.0]	4.0 [2.7 - 4.9]	4.0 [2.7 - 5.0]
Anger/Frustration	4.2 [1.2 - 5.8]	4.0 [1.2 - 5.3]	4.4 [2.5 - 5.8]	3.8 [1.2 - 5.2]	4.5 [2.5 - 5.8]
Approach/Positive Anticipation	4.8 [3.5 - 6.0]	4.8 [4.0 - 6.0]	4.8 [3.5 - 5.7]	4.8 [4.0 - 6.0]	4.8 [3.5 - 5.7]
Attentional Focusing	4.4 [2.5 - 5.8]	4.3 [3.3 - 5.5]	4.4 [2.5 - 5.8]	4.3 [3.3 - 5.5]	4.4 [2.5 - 5.8]
Discomfort	3.7 [2.2 - 5.3]	3.7 [2.8 - 5.0]	3.8 [2.2 - 5.3]	3.7 [3.0 - 4.8]	3.8 [2.2 - 5.3]
Falling Reactivity/Soothability	4.4 [3.0 - 5.5]	4.3 [3.0 - 5.5]	4.4 [3.3 - 5.3]	4.3 [3.0 - 5.3]	4.4 [3.3 - 5.3]
Fear	3.6 [1.7 - 5.0]	3.5 [1.7 - 4.7]	3.7 [2.5 - 5.0]	3.4 [1.7 - 4.7]	3.7 [2.5 - 5.0]
High Intensity Pleasure	4.6 [2.7 - 6.0]	4.5 [2.7 - 6.0]	4.8 [3.3 - 6.0]	4.6 [3.2 - 6.0]	4.8 [3.3 - 6.0]
Impulsivity	3.7 [2.0 - 4.8]	3.6 [2.0 - 4.7]	3.8 [2.0 - 4.8]	3.5 [2.0 - 4.7]	3.8 [2.0 - 4.8]
Inhibitory control	5.0 [2.8 - 6.5]	5.0 [2.8 - 6.5]	5.0 [3.7 - 6.3]	5.0 [4.2 - 6.5]	5.0 [3.7 - 6.3]
Low Intensity Pleasure	5.5 [3.4 - 7.0]	5.6 [4.4 - 6.9]	5.5 [3.4 - 7.0]	5.6 [4.4 - 6.9]	5.4 [3.4 - 6.8]
Perceptual Sensitivity	4.6 [2.8 - 6.0]	4.6 [2.8 - 6.0]	4.7 [3.2 - 6.0]	4.5 [2.8 - 6.0]	4.7 [3.2 - 6.0]
Sadness	4.0 [2.3 - 5.6]	3.9 [2.3 - 5.6]	4.1 [2.3 - 5.4]	3.7 [2.3 - 4.9]	4.1 [2.3 - 5.4]
Shyness	4.4 [2.7 - 6.2]	4.2 [2.7 - 5.7]	4.7 [2.8 - 6.2]	4.1 [2.7 - 5.7]	4.7 [2.8 - 6.2]
Smiling and Laughter	3.9 [2.8 - 6.0]	3.9 [3.0 - 5.0]	3.9 [2.8 - 6.0]	3.9 [3.0 - 5.0]	4.0 [2.8 - 6.0]
Big 3 - Surgency	4.0 [2.9 - 4.7]	4.0 [2.9 - 4.7]	4.0 [3.3 - 4.7]	4.0 [3.2 - 4.7]	4.0 [3.3 - 4.7]
Big 3 - Negative Affect	3.8 [2.9 - 4.6]	3.8 [2.9 - 4.4]	3.9 [3.2 - 4.6]	3.7 [2.9 - 4.2]	3.9 [3.2 - 4.6]
Big 3 - Effortful Control	4.9 [3.6 - 5.9]	4.9 [4.0 - 5.6]	4.9 [3.6 - 5.9]	4.9 [4.2 - 5.6]	4.9 [3.6 - 5.9]

¹ Mean [Range]; n (%)

2.3 Behavioral Inhibition and Activation Systems

Table 7: Behavioral Inhibition/Activation Systems

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 84	Low Risk, N = 49	High Risk, N = 35	Low Risk, N = 31	High Risk, N = 33
Age, yr	7.8 [6.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]
Sex					
Male	42 (50%)	27 (55%)	15 (43%)	17 (55%)	14 (42%)
Female	42 (50%)	22 (45%)	20 (57%)	14 (45%)	19 (58%)
Activity Level	4.0 [2.7 - 5.0]	3.9 [2.7 - 4.9]	4.0 [2.7 - 5.0]	4.0 [2.7 - 4.9]	4.0 [2.7 - 5.0]
Anger/Frustration	4.2 [1.2 - 5.8]	4.0 [1.2 - 5.3]	4.4 [2.5 - 5.8]	3.8 [1.2 - 5.2]	4.5 [2.5 - 5.8]
Approach/Positive Anticipation	4.8 [3.5 - 6.0]	4.8 [4.0 - 6.0]	4.8 [3.5 - 5.7]	4.8 [4.0 - 6.0]	4.8 [3.5 - 5.7]
Attentional Focusing	4.4 [2.5 - 5.8]	4.3 [3.3 - 5.5]	4.4 [2.5 - 5.8]	4.3 [3.3 - 5.5]	4.4 [2.5 - 5.8]
Discomfort	3.7 [2.2 - 5.3]	3.7 [2.8 - 5.0]	3.8 [2.2 - 5.3]	3.7 [3.0 - 4.8]	3.8 [2.2 - 5.3]
Falling Reactivity/Soothability	4.4 [3.0 - 5.5]	4.3 [3.0 - 5.5]	4.4 [3.3 - 5.3]	4.3 [3.0 - 5.3]	4.4 [3.3 - 5.3]
Fear	3.6 [1.7 - 5.0]	3.5 [1.7 - 4.7]	3.7 [2.5 - 5.0]	3.4 [1.7 - 4.7]	3.7 [2.5 - 5.0]
High Intensity Pleasure	4.6 [2.7 - 6.0]	4.5 [2.7 - 6.0]	4.8 [3.3 - 6.0]	4.6 [3.2 - 6.0]	4.8 [3.3 - 6.0]
Impulsivity	3.7 [2.0 - 4.8]	3.6 [2.0 - 4.7]	3.8 [2.0 - 4.8]	3.5 [2.0 - 4.7]	3.8 [2.0 - 4.8]
Inhibitory control	5.0 [2.8 - 6.5]	5.0 [2.8 - 6.5]	5.0 [3.7 - 6.3]	5.0 [4.2 - 6.5]	5.0 [3.7 - 6.3]
Low Intensity Pleasure	5.5 [3.4 - 7.0]	5.6 [4.4 - 6.9]	5.5 [3.4 - 7.0]	5.6 [4.4 - 6.9]	5.4 [3.4 - 6.8]
Perceptual Sensitivity	4.6 [2.8 - 6.0]	4.6 [2.8 - 6.0]	4.7 [3.2 - 6.0]	4.5 [2.8 - 6.0]	4.7 [3.2 - 6.0]
Sadness	4.0 [2.3 - 5.6]	3.9 [2.3 - 5.6]	4.1 [2.3 - 5.4]	3.7 [2.3 - 4.9]	4.1 [2.3 - 5.4]
Shyness	4.4 [2.7 - 6.2]	4.2 [2.7 - 5.7]	4.7 [2.8 - 6.2]	4.1 [2.7 - 5.7]	4.7 [2.8 - 6.2]
Smiling and Laughter	3.9 [2.8 - 6.0]	3.9 [3.0 - 5.0]	3.9 [2.8 - 6.0]	3.9 [3.0 - 5.0]	4.0 [2.8 - 6.0]
Big 3 - Surgency	4.0 [2.9 - 4.7]	4.0 [2.9 - 4.7]	4.0 [3.3 - 4.7]	4.0 [3.2 - 4.7]	4.0 [3.3 - 4.7]
Big 3 - Negative Affect	3.8 [2.9 - 4.6]	3.8 [2.9 - 4.4]	3.9 [3.2 - 4.6]	3.7 [2.9 - 4.2]	3.9 [3.2 - 4.6]
Big 3 - Effortful Control	4.9 [3.6 - 5.9]	4.9 [4.0 - 5.6]	4.9 [3.6 - 5.9]	4.9 [4.2 - 5.6]	4.9 [3.6 - 5.9]

Note:

BIS/BAS: Behavioral Inhibition System/Behavioral Approach System Questionnaire

SPSRQ-34: Sensitivity to Punishment, Sensitivity to Reward Questionnaire - 34 Items

SPSRQ-48: Sensitivity to Punishment, Sensitivity to Reward Questionnaire - 48 Items

¹ Mean [Range]; n (%)

2.4 Everyday Behavioral/Adaptive Executive Functioning: BRIEF-2

Table 8: Baseline: Behavioral Rating Inventory of Executive Functions - 2

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 75	Low Risk, N = 46	High Risk, N = 29	Low Risk, N = 30	High Risk, N = 27
Age, yr	7.8 [6.0 - 9.0]	7.8 [6.0 - 9.0]	7.7 [7.0 - 8.8]	7.8 [6.0 - 9.0]	7.8 [7.0 - 8.8]
Sex					
Male	36 (48%)	25 (54%)	11 (38%)	16 (53%)	10 (37%)
Female	39 (52%)	21 (46%)	18 (62%)	14 (47%)	17 (63%)
Inhibition, T	53.5 [40.0 - 78.0]	53.8 [40.0 - 78.0]	53.2 [41.0 - 77.0]	52.2 [40.0 - 68.0]	53.4 [41.0 - 77.0]
Self-Monitoring, T	51.8 [38.0 - 74.0]	50.8 [38.0 - 63.0]	53.4 [38.0 - 74.0]	49.7 [39.0 - 63.0]	53.9 [38.0 - 74.0]
Shifting, T	54.2 [39.0 - 79.0]	53.4 [39.0 - 79.0]	55.3 [39.0 - 73.0]	51.2 [39.0 - 67.0]	54.9 [39.0 - 73.0]
Unknown	2	2	0	1	0
Emotional Control, T	55.2 [40.0 - 83.0]	53.8 [40.0 - 79.0]	57.4 [40.0 - 83.0]	51.7 [40.0 - 70.0]	57.7 [40.0 - 83.0]
Unknown	1	1	0	1	0
Initiate, T	51.1 [38.0 - 75.0]	50.9 [38.0 - 75.0]	51.3 [39.0 - 67.0]	48.7 [38.0 - 63.0]	52.1 [42.0 - 67.0]
Unknown	1	1	0	1	0
Working Memory, T	51.1 [37.0 - 72.0]	50.0 [37.0 - 72.0]	52.8 [40.0 - 72.0]	49.1 [39.0 - 69.0]	53.0 [40.0 - 72.0]
Planning and Organization, T	50.4 [37.0 - 66.0]	49.9 [37.0 - 63.0]	51.1 [37.0 - 66.0]	48.5 [37.0 - 63.0]	51.1 [37.0 - 66.0]
Unknown	4	4	0	4	0
Task Monitoring, T	50.5 [35.0 - 73.0]	49.6 [35.0 - 66.0]	52.0 [35.0 - 73.0]	48.5 [35.0 - 61.0]	52.1 [35.0 - 73.0]
Organization of Materials, T	50.7 [38.0 - 61.0]	49.9 [38.0 - 61.0]	51.8 [38.0 - 61.0]	48.6 [38.0 - 61.0]	52.1 [38.0 - 61.0]
Unknown	3	2	1	2	1
Behavioral Regulation Index, T	53.4 [39.0 - 77.0]	53.2 [39.0 - 74.0]	53.9 [39.0 - 77.0]	51.6 [39.0 - 63.0]	54.3 [39.0 - 77.0]
Emotional Regulation Index, T	54.9 [39.0 - 82.0]	53.6 [39.0 - 82.0]	56.9 [39.0 - 76.0]	51.3 [39.0 - 69.0]	56.9 [39.0 - 76.0]
Unknown	3	3	0	2	0
Cognitive Regulation Index, T	51.2 [37.0 - 66.0]	50.3 [37.0 - 66.0]	52.6 [39.0 - 66.0]	48.7 [37.0 - 64.0]	52.9 [39.0 - 66.0]
Unknown	5	4	1	4	1
General Executive Composite, T	53.5 [38.0 - 76.0]	52.6 [38.0 - 67.0]	54.7 [39.0 - 76.0]	50.6 [38.0 - 66.0]	55.0 [39.0 - 76.0]
Unknown	6	5	1	4	1
Negativity Check					
Acceptable	73 (100%)	44 (100%)	29 (100%)	29 (100%)	27 (100%)
Unknown	2	2	0	1	0
Inconsistency Check					
Acceptable	75 (100%)	46 (100%)	29 (100%)	30 (100%)	27 (100%)
Infrequency Check					
Acceptable	74 (99%)	46 (100%)	28 (97%)	30 (100%)	26 (96%)
Questionable	1 (1.3%)	0 (0%)	1 (3.4%)	0 (0%)	1 (3.7%)

¹ Mean [Range]; n (%)

Table 9: Follow-Up: Behavioral Rating Inventory of Executive Functions - 2

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 40	Low Risk, N = 26	High Risk, N = 14	Low Risk, N = 18	High Risk, N = 13
Age, yr	7.9 [6.0 - 9.9]	7.7 (7.2, 8.3)	8.1 (7.4, 8.5)	7.8 (7.3, 8.5)	8.3 (7.7, 8.5)
Sex					
Male	17 (42%)	12 (46%)	5 (36%)	8 (44%)	5 (38%)
Female	23 (57%)	14 (54%)	9 (64%)	10 (56%)	8 (62%)
Inhibition, T	54.3 [37.0 - 79.0]	53.0 (48.0, 57.5)	54.0 (48.0, 61.0)	51.0 (45.0, 55.5)	54.0 (50.2, 62.0)
Unknown	1	0	1	0	1
Self-Monitoring, T	53.4 [39.0 - 78.0]	54.0 (44.0, 58.0)	58.0 (49.0, 59.0)	54.0 (44.0, 58.0)	58.5 (49.0, 59.2)
Unknown	1	0	1	0	1
Shifting, T	53.8 [39.0 - 85.0]	49.0 (46.0, 53.0)	52.5 (49.2, 65.0)	50.5 (46.0, 55.2)	52.0 (49.0, 67.0)
Unknown	1	1	0		
Emotional Control, T	54.6 [40.0 - 84.0]	48.0 (43.0, 58.2)	60.5 (48.0, 69.2)	47.0 (43.0, 58.2)	62.0 (54.0, 70.0)
Initiate, T	51.5 [38.0 - 75.0]	51.0 (43.8, 57.0)	51.5 (48.0, 59.0)	50.0 (43.0, 57.0)	55.0 (48.0, 59.0)
Working Memory, T	51.7 [38.0 - 74.0]	51.0 (42.2, 57.2)	55.0 (44.0, 64.0)	49.5 (42.2, 54.5)	55.0 (46.2, 64.5)
Unknown	1	0	1	0	1
Planning and Organization, T	51.9 [37.0 - 79.0]	49.0 (43.8, 57.5)	54.0 (49.0, 58.0)	48.0 (43.0, 53.0)	55.0 (52.0, 58.0)
Task Monitoring, T	51.9 [35.0 - 77.0]	50.0 (44.0, 57.0)	56.0 (44.8, 61.0)	48.5 (41.8, 56.2)	58.0 (47.0, 61.0)
Organization of Materials, T	50.7 [38.0 - 76.0]	48.0 (46.0, 57.0)	50.0 (47.5, 57.0)	47.0 (46.0, 52.0)	50.0 (49.0, 58.0)
Behavioral Regulation Index, T	54.3 [37.0 - 77.0]	54.5 (46.5, 57.0)	54.0 (48.0, 64.0)	52.5 (46.0, 57.0)	55.5 (49.5, 64.0)
Unknown	1	0	1	0	1
Emotional Regulation Index, T	54.2 [39.0 - 85.0]	49.0 (46.0, 55.0)	57.5 (52.8, 66.2)	50.5 (44.5, 55.0)	58.0 (55.0, 68.0)
Unknown	1	1	0		
Cognitive Regulation Index, T	51.7 [37.0 - 77.0]	51.0 (44.2, 55.0)	55.0 (50.0, 59.0)	49.0 (44.0, 53.8)	55.5 (50.0, 59.8)
Unknown	1	0	1	0	1
General Executive Composite, T	53.5 [38.0 - 87.0]	50.0 (46.0, 55.0)	56.0 (48.0, 66.0)	49.0 (46.0, 53.0)	56.0 (51.0, 66.2)
Unknown	2	1	1	0	1
Negativity Check					
Acceptable	39 (100%)	25 (100%)	14 (100%)	18 (100%)	13 (100%)
Unknown	1	1	0		
Inconsistency Check					
Acceptable	39 (100%)	26 (100%)	13 (100%)	18 (100%)	12 (100%)
Unknown	1	0	1	0	1
Infrequency Check					
Acceptable	40 (100%)	26 (100%)	14 (100%)	18 (100%)	13 (100%)

¹ Mean [Range]; n (%)² Median (IQR); n (%)

3 Food/Eating Behavior Assessments (Eat-Beh Database)

3.1 Family, Home, and Parenting

Table 10: Baseline: Family, Home, and Parenting

Characteristic	All	Risk Status - Mom BMI		Risk Status - S	
	N = 85	Low Risk, N = 50	High Risk, N = 35	Low Risk, N = 31	High Risk, N = 4
Age, yr	7.8 [6.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]
Sex					
Male	42 (49%)	27 (54%)	15 (43%)	17 (55%)	14 (45%)
Female	43 (51%)	23 (46%)	20 (57%)	14 (45%)	19 (55%)
Feeds Child					
Myself	34 (40%)	20 (40%)	14 (40%)	9 (29%)	14 (45%)
Both myself and my partner	51 (60%)	30 (60%)	21 (60%)	22 (71%)	19 (55%)
Buys Food					
Myself	53 (62%)	30 (60%)	23 (66%)	16 (52%)	21 (65%)
My partner	5 (5.9%)	5 (10%)	0 (0%)	2 (6.5%)	0 (0%)
Both myself and my partner	27 (32%)	15 (30%)	12 (34%)	13 (42%)	12 (35%)
Eat Out					
Once per month or less	12 (14%)	7 (14%)	5 (14%)	3 (9.7%)	5 (15%)
Twice a month	21 (25%)	12 (24%)	9 (26%)	9 (29%)	7 (21%)
Once a week	33 (39%)	21 (42%)	12 (34%)	14 (45%)	12 (35%)
Two times a week	12 (14%)	8 (16%)	4 (11%)	3 (9.7%)	4 (12%)
Three times a week	6 (7.1%)	2 (4.0%)	4 (11%)	2 (6.5%)	4 (12%)
Four or more times per week	1 (1.2%)	0 (0%)	1 (2.9%)	0 (0%)	1 (3%)
Family Dinner, d/wk	5.9 [1.0 - 7.0]	6.3 [2.0 - 7.0]	5.2 [1.0 - 7.0]	6.4 [3.0 - 7.0]	5.3 [1.0 - 7.0]
Brings Home Lunch, d/wk	2.8 [0.0 - 5.0]	2.9 [0.0 - 5.0]	2.6 [0.0 - 5.0]	2.6 [0.0 - 5.0]	2.5 [0.0 - 5.0]
Unknown	1	1	0	1	0
Family Special Dietary Needs	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Encourage Plate-Cleaning	49.1 [0.0 - 100.0]	57.6 [0.0 - 100.0]	36.9 [0.0 - 100.0]	58.4 [0.0 - 100.0]	38.6 [0.0 - 100.0]
Child Plate-Cleans	51.9 [0.0 - 100.0]	56.3 [11.0 - 100.0]	45.6 [0.0 - 100.0]	56.6 [11.0 - 93.0]	46.3 [0.0 - 100.0]
Percieved kcals Child Eats	1,399.6 [120.0 - 3,000.0]	1,451.0 [500.0 - 3,000.0]	1,326.3 [120.0 - 2,300.0]	1,517.7 [500.0 - 3,000.0]	1,333.3 [120.0 - 3,000.0]
Maternal Control, FFBS	12.0 [6.0 - 18.0]	12.5 [6.0 - 18.0]	11.3 [6.0 - 17.0]	12.4 [8.0 - 17.0]	11.3 [6.0 - 17.0]
Unknown	2	1	1	0	1
Maternal Presence, FFBS	15.2 [10.0 - 20.0]	15.5 [11.0 - 20.0]	14.7 [10.0 - 20.0]	16.2 [11.0 - 20.0]	14.7 [10.0 - 20.0]
Unknown	2	1	1	0	1
Child Choice, FFBS	7.5 [1.0 - 17.0]	7.1 [1.0 - 17.0]	8.2 [3.0 - 12.0]	7.1 [1.0 - 12.0]	8.1 [3.0 - 12.0]
Unknown	2	1	1	0	1
Organization, FFBS	7.4 [2.0 - 14.0]	6.4 [2.0 - 14.0]	8.9 [3.0 - 14.0]	6.7 [2.0 - 14.0]	8.8 [3.0 - 14.0]
Unknown	2	1	1	0	1
Percieved Responsibility, CFQ	4.0 [2.0 - 5.0]	3.9 [2.0 - 5.0]	4.0 [2.7 - 5.0]	3.9 [3.0 - 5.0]	4.0 [2.7 - 5.0]
Unknown	2	1	1	0	1
Percieved Child Weight, CFQ	2.8 [1.6 - 3.4]	2.8 [1.8 - 3.4]	2.8 [1.6 - 3.2]	2.9 [2.0 - 3.4]	2.8 [1.6 - 3.2]
Unknown	3	2	1	1	1
Percieved Parent Weight, CFQ	3.2 [2.0 - 5.0]	2.9 [2.0 - 4.0]	3.6 [2.2 - 5.0]	2.8 [2.0 - 3.2]	3.7 [2.2 - 5.0]
Unknown	2	1	1	0	1
Child Weight Concerns, CFQ	1.9 [1.0 - 5.0]	1.5 [1.0 - 4.3]	2.4 [1.0 - 5.0]	1.6 [1.0 - 4.3]	2.4 [1.0 - 5.0]
Unknown	3	2	1	1	1
Restriction, CFQ	3.2 [1.2 - 4.6]	3.2 [1.9 - 4.5]	3.2 [1.2 - 4.6]	3.1 [1.9 - 4.5]	3.2 [1.2 - 4.6]
Unknown	2	1	1	0	1
Pressure, CFQ	2.4 [1.0 - 4.8]	2.6 [1.0 - 4.8]	2.1 [1.0 - 4.2]	2.6 [1.0 - 4.8]	2.1 [1.0 - 4.2]
Unknown	2	1	1	0	1
Monitoring, CFQ	3.7 [2.0 - 5.0]	3.6 [2.0 - 5.0]	3.7 [2.0 - 5.0]	3.8 [2.0 - 5.0]	3.7 [2.0 - 5.0]
Unknown	2	1	1	0	1

Note:

FFBS: Family Food Behavior Scale

CFQ: Child Feeding Questionnaire

¹ Mean [Range]; n (%)

Table 11: Follow-Up: Family, Home, and Parenting

Characteristic	All	Risk Status - Mom BMI		Risk Status - S	
	N = 41	Low Risk, N = 26	High Risk, N = 15	Low Risk, N = 18	High Risk, N = 7
Age, yr	7.9 [6.0 - 9.9]	7.8 [6.0 - 9.0]	8.0 [7.2 - 9.9]	7.8 [6.0 - 9.0]	8.1 [7.2 - 9.9]
Sex					
Male	17 (41%)	12 (46%)	5 (33%)	8 (44%)	5 (33%)
Female	24 (59%)	14 (54%)	10 (67%)	10 (56%)	9 (67%)
Feeds Child					
Myself	17 (41%)	11 (42%)	6 (40%)	7 (39%)	5 (33%)
My partner	1 (2.4%)	1 (3.8%)	0 (0%)	1 (5.6%)	0 (0%)
Both myself and my partner	22 (54%)	14 (54%)	8 (53%)	10 (56%)	8 (57%)
Other	1 (2.4%)	0 (0%)	1 (6.7%)	0 (0%)	1 (14.3%)
Buys Food					
Myself	12 (29%)	8 (31%)	4 (27%)	6 (33%)	4 (29%)
My partner	14 (34%)	8 (31%)	6 (40%)	6 (33%)	5 (36%)
Both myself and my partner	11 (27%)	7 (27%)	4 (27%)	4 (22%)	4 (29%)
Child's school	4 (9.8%)	3 (12%)	1 (6.7%)	2 (11%)	1 (7.1%)
Eat Out					
Once per month or less	3 (7.3%)	3 (12%)	0 (0%)	3 (17%)	0 (0%)
Twice a month	14 (34%)	11 (42%)	3 (20%)	8 (44%)	3 (21%)
Once a week	11 (27%)	5 (19%)	6 (40%)	2 (11%)	6 (43%)
Two times a week	10 (24%)	6 (23%)	4 (27%)	5 (28%)	3 (21%)
Three times a week	3 (7.3%)	1 (3.8%)	2 (13%)	0 (0%)	2 (14.3%)
Family Dinner, d/wk	6.2 [3.0 - 7.0]	6.3 [4.0 - 7.0]	6.0 [3.0 - 7.0]	6.3 [4.0 - 7.0]	6.2 [3.0 - 7.0]
Brings Home Lunch, d/wk	2.7 [0.0 - 5.0]	2.6 [0.0 - 5.0]	2.9 [0.0 - 5.0]	3.0 [0.0 - 5.0]	3.1 [0.0 - 5.0]
Family Special Dietary Needs	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Encourage Plate-Cleaning	51.1 [0.0 - 88.0]	53.2 [0.0 - 88.0]	47.4 [5.0 - 88.0]	56.6 [0.0 - 85.0]	48.6 [5.0 - 88.0]
Unknown	1	0	1	0	1
Child Plate-Cleans	57.6 [4.0 - 96.0]	61.6 [12.0 - 96.0]	50.4 [4.0 - 76.0]	62.2 [12.0 - 96.0]	53.6 [4.0 - 76.0]
Unknown	1	0	1	0	1
Percieved kcals Child Eats	1,601.2 [250.0 - 5,000.0]	1,546.2 [750.0 - 3,000.0]	1,703.6 [250.0 - 5,000.0]	1,605.6 [750.0 - 3,000.0]	1,703.6 [250.0 - 5,000.0]
Unknown	1	0	1	0	1
Percieved Responsibility, CFQ	4.0 [2.0 - 5.0]	3.9 [2.0 - 4.7]	4.2 [3.0 - 5.0]	3.8 [2.0 - 4.7]	4.2 [3.0 - 5.0]
Unknown	1	0	1	0	1
Percieved Child Weight, CFQ	2.9 [1.8 - 3.6]	2.9 [2.0 - 3.6]	2.8 [1.8 - 3.2]	3.0 [2.6 - 3.2]	2.7 [1.8 - 3.2]
Unknown	1	0	1	0	1
Percieved Parent Weight, CFQ	3.2 [2.0 - 4.8]	3.0 [2.0 - 3.8]	3.5 [2.2 - 4.8]	2.9 [2.0 - 3.5]	3.6 [2.2 - 4.8]
Unknown	1	0	1	0	1
Child Weight Concerns, CFQ	1.9 [1.0 - 5.0]	1.6 [1.0 - 3.7]	2.6 [1.0 - 5.0]	1.6 [1.0 - 3.7]	2.6 [1.0 - 5.0]
Unknown	1	0	1	0	1
Restriction, CFQ	3.1 [1.0 - 4.8]	3.1 [1.0 - 4.4]	3.1 [1.0 - 4.8]	3.1 [1.0 - 4.4]	3.1 [1.0 - 4.4]
Unknown	1	0	1	0	1
Pressure, CFQ	2.4 [1.0 - 4.2]	2.3 [1.0 - 4.0]	2.7 [1.5 - 4.2]	2.4 [1.0 - 4.0]	2.7 [1.5 - 4.2]
Unknown	1	0	1	0	1
Monitoring, CFQ	3.5 [1.7 - 5.0]	3.3 [1.7 - 5.0]	3.9 [2.0 - 5.0]	3.3 [1.7 - 5.0]	3.9 [2.0 - 5.0]
Unknown	1	0	1	0	1

Note:

CFQ: Child Feeding Questionnaire

¹ Mean [Range]; n (%)

3.2 Parent Portion Size Determination

Table 12: Baseline: Parent Portion Size Determination

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 85	Low Risk, N = 50	High Risk, N = 35	Low Risk, N = 50	High Risk, N = 35
Age, yr	7.8 [6.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]
Sex					
Male	42 (49%)	27 (54%)	15 (43%)	27 (54%)	15 (43%)
Female	43 (51%)	23 (46%)	20 (57%)	23 (46%)	20 (57%)
Parent Portions Food, % time	54.0 [10.0 - 95.0]	53.8 [10.0 - 91.0]	54.4 [18.0 - 95.0]	53.8 [10.0 - 91.0]	54.4 [18.0 - 95.0]
Partner Portions Food, % time	22.8 [0.0 - 60.0]	22.3 [0.0 - 60.0]	23.5 [0.0 - 60.0]	22.3 [0.0 - 60.0]	23.5 [0.0 - 60.0]
Unknown	4	1	3	1	3
Child Portions Food, % time	23.0 [0.0 - 80.0]	23.3 [0.0 - 80.0]	22.5 [0.0 - 62.0]	23.3 [0.0 - 80.0]	22.5 [0.0 - 62.0]
Other Portions Food, % time	1.3 [0.0 - 24.0]	1.1 [0.0 - 13.0]	1.7 [0.0 - 24.0]	1.1 [0.0 - 13.0]	1.7 [0.0 - 24.0]
Strategy: Look at Plate	54.1 [0.0 - 100.0]	61.7 [0.0 - 100.0]	43.3 [0.0 - 100.0]	61.7 [0.0 - 100.0]	43.3 [0.0 - 100.0]
Strategy: Child Usual Intake	81.8 [32.0 - 100.0]	83.4 [45.0 - 100.0]	79.5 [32.0 - 100.0]	83.4 [45.0 - 100.0]	79.5 [32.0 - 100.0]
Strategy: Plate Size	7.5 [0.0 - 100.0]	6.6 [0.0 - 100.0]	8.8 [0.0 - 85.0]	6.6 [0.0 - 100.0]	8.8 [0.0 - 85.0]
Strategy: Measure	7.6 [0.0 - 83.0]	5.1 [0.0 - 49.0]	11.1 [0.0 - 83.0]	5.1 [0.0 - 49.0]	11.1 [0.0 - 83.0]
Strategy: Health Professional Advise	20.4 [0.0 - 96.0]	19.1 [0.0 - 96.0]	22.3 [0.0 - 87.0]	19.1 [0.0 - 96.0]	22.3 [0.0 - 87.0]
Strategy: Recipe	13.3 [0.0 - 81.0]	11.8 [0.0 - 71.0]	15.4 [0.0 - 81.0]	11.8 [0.0 - 71.0]	15.4 [0.0 - 81.0]
Strategy: Family Adult Amount	11.6 [0.0 - 75.0]	13.0 [0.0 - 75.0]	9.4 [0.0 - 69.0]	13.0 [0.0 - 75.0]	9.4 [0.0 - 69.0]
Strategy: Family Child Amount	38.7 [0.0 - 100.0]	40.7 [0.0 - 100.0]	35.7 [0.0 - 100.0]	40.7 [0.0 - 100.0]	35.7 [0.0 - 100.0]
Strategy: Pre-Portioned Foods	32.4 [0.0 - 100.0]	29.7 [0.0 - 100.0]	36.2 [0.0 - 87.0]	29.7 [0.0 - 100.0]	36.2 [0.0 - 87.0]
Unknown	1	1	0	1	0
Strategy: Child Self-Regulation	46.7 [0.0 - 100.0]	42.6 [0.0 - 100.0]	52.5 [2.0 - 100.0]	42.6 [0.0 - 100.0]	52.5 [2.0 - 100.0]

¹ Mean [Range]; n (%)

Table 13: Follow-Up: Parent Portion Size Determination

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 40	Low Risk, N = 26	High Risk, N = 14	Low Risk, N = 26	High Risk, N = 14
Age, yr	7.9 [6.0 - 9.9]	7.8 [6.0 - 9.0]	8.1 [7.2 - 9.9]	7.8 [6.0 - 9.0]	8.1 [7.2 - 9.9]
Sex					
Male	17 (42%)	12 (46%)	5 (36%)	12 (46%)	5 (36%)
Female	23 (57%)	14 (54%)	9 (64%)	14 (54%)	9 (64%)
Parent Portions Food, % time	53.0 [0.0 - 95.0]	50.2 [0.0 - 81.0]	58.3 [25.0 - 95.0]	50.2 [0.0 - 81.0]	58.3 [25.0 - 95.0]
Partner Portions Food, % time	20.4 [0.0 - 65.0]	18.8 [0.0 - 65.0]	23.8 [0.0 - 50.0]	18.8 [0.0 - 65.0]	23.8 [0.0 - 50.0]
Unknown	1	0	1	0	1
Child Portions Food, % time	26.8 [0.0 - 100.0]	31.0 [0.0 - 100.0]	19.1 [0.0 - 50.0]	31.0 [0.0 - 100.0]	19.1 [0.0 - 50.0]
Other Portions Food, % time	0.2 [0.0 - 8.0]	0.1 [0.0 - 2.0]	0.6 [0.0 - 8.0]	0.1 [0.0 - 2.0]	0.6 [0.0 - 8.0]

¹ Mean [Range]; n (%)

3.3 Kid Food Frequency

Table 14: Kid Food Frequency: Modal Frequency for each Food Category

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 81	Low Risk, N = 49	High Risk, N = 32	Low Risk, N = 31	High Risk, N = 31
Age, yr	7.9 [6.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]
Sex					
Male	38 (47%)	26 (53%)	12 (38%)	17 (55%)	12 (39%)
Female	43 (53%)	23 (47%)	20 (62%)	14 (45%)	19 (61%)
Grains					
Never	19 (23%)	9 (18%)	10 (31%)	4 (13%)	10 (32%)
<1 time wk	30 (37%)	17 (35%)	13 (41%)	9 (29%)	13 (42%)
1-2 times wk	29 (36%)	22 (45%)	7 (22%)	18 (58%)	7 (23%)
3-5 times wk	2 (2.5%)	1 (2.0%)	1 (3.1%)	0 (0%)	0 (0%)
>7 times wk	1 (1.2%)	0 (0%)	1 (3.1%)	0 (0%)	1 (3.2%)
Vegetables					
Never	28 (35%)	14 (29%)	14 (44%)	7 (23%)	14 (45%)
<1 time wk	33 (41%)	21 (43%)	12 (38%)	13 (42%)	12 (39%)
1-2 times wk	13 (16%)	10 (20%)	3 (9.4%)	8 (26%)	3 (9.7%)
3-5 times wk	6 (7.4%)	3 (6.1%)	3 (9.4%)	2 (6.5%)	2 (6.5%)
6-7 times wk	1 (1.2%)	1 (2.0%)	0 (0%)	1 (3.2%)	0 (0%)
Fruit					
Never	10 (12%)	5 (10%)	5 (16%)	3 (9.7%)	5 (16%)
<1 time wk	20 (25%)	11 (22%)	9 (28%)	7 (23%)	9 (29%)
1-2 times wk	27 (33%)	15 (31%)	12 (38%)	10 (32%)	12 (39%)
3-5 times wk	13 (16%)	10 (20%)	3 (9.4%)	8 (26%)	3 (9.7%)
6-7 times wk	7 (8.6%)	5 (10%)	2 (6.2%)	1 (3.2%)	1 (3.2%)
>7 times wk	4 (4.9%)	3 (6.1%)	1 (3.1%)	2 (6.5%)	1 (3.2%)
Dairy					
Never	38 (47%)	22 (45%)	16 (50%)	11 (35%)	15 (48%)
<1 time wk	11 (14%)	5 (10%)	6 (19%)	4 (13%)	6 (19%)
1-2 times wk	8 (9.9%)	8 (16%)	0 (0%)	5 (16%)	0 (0%)
3-5 times wk	7 (8.6%)	4 (8.2%)	3 (9.4%)	4 (13%)	3 (9.7%)
6-7 times wk	8 (9.9%)	5 (10%)	3 (9.4%)	4 (13%)	3 (9.7%)
>7 times wk	9 (11%)	5 (10%)	4 (12%)	3 (9.7%)	4 (13%)
Protein					
Never	22 (27%)	12 (24%)	10 (31%)	6 (19%)	10 (32%)
<1 time wk	26 (32%)	16 (33%)	10 (31%)	11 (35%)	10 (32%)
1-2 times wk	24 (30%)	16 (33%)	8 (25%)	13 (42%)	8 (26%)
3-5 times wk	6 (7.4%)	3 (6.1%)	3 (9.4%)	0 (0%)	2 (6.5%)
>7 times wk	3 (3.7%)	2 (4.1%)	1 (3.1%)	1 (3.2%)	1 (3.2%)

¹ Mean [Range]; n (%)

Table 15: Continued Kid Food Frequency: Modal Frequency for each Food Category

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 81	Low Risk, N = 49	High Risk, N = 32	Low Risk, N = 31	High Risk, N = 31
Sugar Sweetend Beverages					
Never	36 (44%)	22 (45%)	14 (44%)	16 (52%)	13 (42%)
<1 time wk	26 (32%)	15 (31%)	11 (34%)	8 (26%)	11 (35%)
1-2 times wk	10 (12%)	7 (14%)	3 (9.4%)	6 (19%)	3 (9.7%)
3-5 times wk	8 (9.9%)	5 (10%)	3 (9.4%)	1 (3.2%)	3 (9.7%)
6-7 times wk	1 (1.2%)	0 (0%)	1 (3.1%)	0 (0%)	1 (3.2%)
Snacks					
Never	6 (7.4%)	4 (8.2%)	2 (6.2%)	3 (9.7%)	2 (6.5%)
<1 time wk	39 (48%)	24 (49%)	15 (47%)	15 (48%)	15 (48%)
1-2 times wk	23 (28%)	13 (27%)	10 (31%)	9 (29%)	9 (29%)
3-5 times wk	9 (11%)	7 (14%)	2 (6.2%)	3 (9.7%)	2 (6.5%)
6-7 times wk	2 (2.5%)	1 (2.0%)	1 (3.1%)	1 (3.2%)	1 (3.2%)
>7 times wk	2 (2.5%)	0 (0%)	2 (6.2%)	0 (0%)	2 (6.5%)
Desert					
Never	13 (16%)	7 (14%)	6 (19%)	3 (9.7%)	6 (19%)
<1 time wk	41 (51%)	26 (53%)	15 (47%)	18 (58%)	14 (45%)
1-2 times wk	16 (20%)	12 (24%)	4 (12%)	8 (26%)	4 (13%)
3-5 times wk	8 (9.9%)	3 (6.1%)	5 (16%)	1 (3.2%)	5 (16%)
6-7 times wk	1 (1.2%)	1 (2.0%)	0 (0%)	1 (3.2%)	0 (0%)
>7 times wk	2 (2.5%)	0 (0%)	2 (6.2%)	0 (0%)	2 (6.5%)
Condiments					
Never	26 (32%)	17 (35%)	9 (28%)	11 (35%)	8 (26%)
<1 time wk	25 (31%)	15 (31%)	10 (31%)	7 (23%)	10 (32%)
1-2 times wk	18 (22%)	13 (27%)	5 (16%)	10 (32%)	5 (16%)
3-5 times wk	9 (11%)	4 (8.2%)	5 (16%)	3 (9.7%)	5 (16%)
6-7 times wk	1 (1.2%)	0 (0%)	1 (3.1%)	0 (0%)	1 (3.2%)
>7 times wk	2 (2.5%)	0 (0%)	2 (6.2%)	0 (0%)	2 (6.5%)

¹ n (%)

3.4 Child Eating Behavior

Table 16: Baseline: Child Eating Behavior

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 85	Low Risk, N = 50	High Risk, N = 35	Low Risk, N = 31	High Risk, N = 33
Age, yr	7.8 [6.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]
Sex					
Male	42 (49%)	27 (54%)	15 (43%)	17 (55%)	14 (42%)
Female	43 (51%)	23 (46%)	20 (57%)	14 (45%)	19 (58%)
Avoid Temptations, TESQE	2.5 [1.0 - 4.3]	2.6 [1.0 - 4.2]	2.4 [1.0 - 4.3]	2.6 [1.0 - 4.2]	2.4 [1.0 - 4.3]
Unknown	9	3	6	0	5
Control Tempations, TESQE	2.7 [1.0 - 5.0]	2.7 [1.0 - 5.0]	2.6 [1.0 - 5.0]	2.9 [1.0 - 5.0]	2.6 [1.0 - 5.0]
Unknown	8	3	5	0	4
Distraction, TESQE	2.4 [1.0 - 5.0]	2.6 [1.0 - 4.7]	2.2 [1.0 - 5.0]	2.6 [1.0 - 4.7]	2.1 [1.0 - 5.0]
Unknown	8	3	5	0	4
Supression, TESQE	2.4 [1.0 - 4.5]	2.4 [1.0 - 4.5]	2.2 [1.0 - 4.2]	2.4 [1.0 - 4.5]	2.2 [1.0 - 4.2]
Unknown	9	3	6	0	5
Goals and Rules, TESQE	2.7 [1.0 - 5.0]	2.7 [1.0 - 5.0]	2.6 [1.0 - 4.7]	2.7 [1.0 - 5.0]	2.5 [1.0 - 4.7]
Unknown	9	4	5	1	4
Goal Deliberation, TESQE	2.8 [1.0 - 5.0]	2.9 [1.0 - 5.0]	2.8 [1.0 - 4.8]	2.8 [1.0 - 4.8]	2.7 [1.0 - 4.8]
Unknown	11	4	7	1	6
Food Responsiveness, CEBQ	2.6 [1.2 - 5.0]	2.6 [1.2 - 5.0]	2.6 [1.4 - 4.4]	2.6 [1.2 - 5.0]	2.6 [1.4 - 4.4]
Unknown	2	1	1	0	1
Emotional Overeating, CEBQ	1.9 [1.0 - 3.5]	1.9 [1.0 - 3.2]	2.0 [1.0 - 3.5]	1.9 [1.0 - 3.2]	2.0 [1.0 - 3.5]
Unknown	5	2	3	1	3
Enjoyment of Food, CEBQ	3.8 [2.0 - 5.0]	3.8 [2.2 - 5.0]	3.7 [2.0 - 5.0]	3.9 [2.2 - 5.0]	3.7 [2.0 - 5.0]
Unknown	2	1	1	0	1
Desire to Drink, CEBQ	2.7 [1.0 - 5.0]	2.6 [1.0 - 5.0]	2.8 [1.3 - 4.7]	2.8 [1.0 - 5.0]	2.8 [1.3 - 4.0]
Unknown	2	1	1	0	1
Satiety Responsiveness, CEBQ	3.0 [1.4 - 4.4]	2.9 [1.4 - 4.2]	3.1 [1.4 - 4.4]	2.9 [1.4 - 4.2]	3.1 [1.4 - 4.4]
Unknown	2	1	1	0	1
Slowness in Eating, CEBQ	2.9 [1.2 - 4.8]	2.9 [1.2 - 4.8]	2.8 [1.8 - 4.0]	2.9 [1.5 - 4.5]	2.8 [1.8 - 4.0]
Unknown	2	1	1	0	1
Emotional Undereating, CEBQ	2.9 [1.2 - 4.5]	2.9 [1.2 - 4.5]	2.9 [1.2 - 4.2]	2.8 [1.2 - 4.5]	2.9 [1.2 - 4.2]
Unknown	3	1	2	0	2
Food Fussiness, CEBQ	3.1 [1.0 - 5.0]	3.0 [1.0 - 5.0]	3.2 [1.0 - 4.7]	2.9 [1.0 - 4.8]	3.2 [1.0 - 4.7]
Unknown	3	1	2	0	2
Approach Behaviors, CEBQ	2.8 [1.8 - 4.0]	2.7 [1.8 - 4.0]	2.8 [1.8 - 3.9]	2.8 [2.1 - 4.0]	2.8 [1.8 - 3.9]
Unknown	5	2	3	1	3
Avoidant Behaviors, CEBQ	3.0 [1.5 - 4.2]	2.9 [1.5 - 4.2]	3.1 [1.8 - 4.1]	2.9 [1.5 - 4.2]	3.0 [1.8 - 4.1]
Unknown	4	1	3	0	3
Total, Binge Eating Scale	2.4 [0.0 - 9.0]	2.4 [0.0 - 9.0]	2.6 [0.0 - 9.0]	2.6 [0.0 - 9.0]	2.6 [0.0 - 9.0]
Unknown	27	14	13	8	12
Food-Related Misbehavior, LBC	13.8 [4.0 - 33.0]	12.9 [4.0 - 32.0]	15.1 [4.0 - 33.0]	12.8 [4.0 - 32.0]	14.7 [4.0 - 33.0]
Unknown	2	0	2	0	2
Overeating, LBC	9.7 [5.0 - 29.0]	9.0 [5.0 - 24.0]	10.8 [5.0 - 29.0]	9.2 [5.0 - 24.0]	10.7 [5.0 - 29.0]
Unknown	2	0	2	0	2
Emotion Related to Overweight, LBC	7.7 [5.0 - 22.0]	7.8 [5.0 - 22.0]	7.6 [5.0 - 22.0]	7.2 [5.0 - 18.0]	7.8 [5.0 - 22.0]
Unknown	2	0	2	0	2
Physical Activity, LBC	16.6 [5.0 - 39.0]	16.2 [5.0 - 39.0]	17.2 [6.0 - 38.0]	15.2 [5.0 - 39.0]	17.2 [6.0 - 38.0]
Unknown	2	0	2	0	2
Total, LBC	47.8 [20.0 - 88.0]	45.9 [20.0 - 86.0]	50.7 [20.0 - 88.0]	44.4 [20.0 - 79.0]	50.4 [20.0 - 88.0]
Unknown	2	0	2	0	2
Loss of Control-Eating	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Unknown	23	10	13	5	13
Delay of Gratification					
Successfully Waited	70 (93%)	43 (96%)	27 (90%)	27 (96%)	26 (93%)
Rang Bell, Did NOT Eat	2 (2.7%)	0 (0%)	2 (6.7%)	0 (0%)	1 (3.6%)
Ate Without Ringing Bell	3 (4.0%)	2 (4.4%)	1 (3.3%)	1 (3.6%)	1 (3.6%)
Unknown	10	5	5	3	5

Note:

TESQE: Tempest Self-Regulation Questionnaire for Eating

CEBQ: Children's Eating Behavior Questionnaire

Lifestyle Behavior Checklist

Delay of Gratification: adapted 'Marshmallow Test' with preferred candy

¹ Mean [Range]; n (%)

Table 17: Follow-Up: Child Eating Behavior

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 45	Low Risk, N = 26	High Risk, N = 19	Low Risk, N = 18	High Risk, N = 18
Age, yr	7.9 [6.0 - 9.9]	7.8 [6.0 - 9.0]	8.0 [7.2 - 9.9]	7.8 [6.0 - 9.0]	8.1 [7.2 - 9.9]
Sex					
Male	17 (38%)	12 (46%)	5 (26%)	8 (44%)	5 (28%)
Female	28 (62%)	14 (54%)	14 (74%)	10 (56%)	13 (72%)
Food Responsiveness, CEBQ	2.5 [1.0 - 4.2]	2.5 [1.4 - 4.2]	2.3 [1.0 - 3.6]	2.4 [1.4 - 4.2]	2.2 [1.0 - 3.6]
Unknown	5	0	5	0	5
Emotional Overeating, CEBQ	1.9 [1.0 - 3.0]	1.8 [1.0 - 2.5]	2.0 [1.0 - 3.0]	1.8 [1.0 - 2.2]	2.0 [1.0 - 3.0]
Unknown	5	0	5	0	5
Enjoyment of Food, CEBQ	3.5 [1.8 - 5.0]	3.7 [1.8 - 5.0]	3.2 [2.0 - 4.5]	3.8 [1.8 - 5.0]	3.2 [2.0 - 4.5]
Unknown	5	0	5	0	5
Desire to Drink, CEBQ	2.4 [1.3 - 4.7]	2.4 [1.3 - 4.7]	2.4 [1.3 - 4.0]	2.3 [1.3 - 4.3]	2.4 [1.3 - 4.0]
Unknown	5	0	5	0	5
Satiety Responsiveness, CEBQ	2.9 [1.6 - 4.2]	2.8 [1.6 - 4.2]	3.2 [2.0 - 4.2]	2.8 [1.6 - 4.2]	3.2 [2.0 - 4.2]
Unknown	5	0	5	0	5
Slowness in Eating, CEBQ	2.8 [1.2 - 5.0]	2.8 [1.5 - 5.0]	2.8 [1.2 - 4.5]	2.8 [1.5 - 5.0]	2.8 [1.2 - 4.5]
Unknown	5	0	5	0	5
Emotional Undereating, CEBQ	2.6 [1.0 - 4.2]	2.7 [1.5 - 4.2]	2.4 [1.0 - 3.5]	2.8 [1.5 - 4.2]	2.4 [1.0 - 3.5]
Unknown	6	1	5	1	5
Food Fussiness, CEBQ	3.1 [1.0 - 5.0]	2.9 [1.0 - 5.0]	3.4 [2.0 - 5.0]	2.8 [1.0 - 5.0]	3.4 [2.0 - 5.0]
Unknown	5	0	5	0	5
Approach Behaviors, CEBQ	2.6 [1.6 - 3.7]	2.6 [1.9 - 3.7]	2.5 [1.6 - 3.4]	2.6 [1.9 - 3.4]	2.4 [1.6 - 3.4]
Unknown	5	0	5	0	5
Avoidant Behaviors, CEBQ	2.9 [1.5 - 4.3]	2.8 [1.5 - 4.3]	3.0 [2.2 - 3.8]	2.8 [1.5 - 4.3]	3.0 [2.2 - 3.8]
Unknown	6	1	5	1	5
Loss of Control-Eating	2 (4.9%)	1 (4.2%)	1 (5.9%)	0 (0%)	1 (6.2%)
Unknown	4	2	2	2	2

Note:

CEBQ: Children's Eating Behavior Questionnaire

¹ Mean [Range]; n (%)

3.5 Child Body Image

Table 18: Child Body Image

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 76	Low Risk, N = 45	High Risk, N = 31	Low Risk, N = 29	High Risk, N = 29
Age, yr	7.9 [6.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]	7.9 [6.0 - 9.0]	7.9 [7.0 - 9.9]
Sex					
Male	36 (47%)	24 (53%)	12 (39%)	15 (52%)	11 (38%)
Female	40 (53%)	21 (47%)	19 (61%)	14 (48%)	18 (62%)
Total, CWC	13.1 [0.0 - 48.3]	14.5 [0.0 - 48.3]	11.0 [0.0 - 38.3]	14.0 [0.0 - 48.3]	11.1 [0.0 - 38.3]
Unknown	20	11	9	7	9
Difference (Percieved - Ideal), CBIS	0.9 [-3.0 - 4.0]	0.7 [-2.0 - 3.0]	1.2 [-3.0 - 4.0]	0.7 [-2.0 - 3.0]	1.2 [-3.0 - 4.0]
Unknown	1	0	1		
Difference (Percieved - Ideal), CBIS	1.1 [0.0 - 4.0]	0.9 [0.0 - 3.0]	1.4 [0.0 - 4.0]	0.9 [0.0 - 3.0]	1.5 [0.0 - 4.0]
Unknown	1	0	1		

Note:

CWC: Child Weight Concerns

CBIS: Children's Body Image Scale

¹ Mean [Range]; n (%)

3.6 Parent Eating Behavior

Table 19: Parent Eating Behavior

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 85	Low Risk, N = 50	High Risk, N = 35	Low Risk, N = 31	High Risk, N = 33
Age, yr	7.8 [6.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]
Sex					
Male	42 (49%)	27 (54%)	15 (43%)	17 (55%)	14 (42%)
Female	43 (51%)	23 (46%)	20 (57%)	14 (45%)	19 (58%)
Healthy Strategy, PWLB	33.4 [11.0 - 49.0]	32.6 [15.0 - 46.0]	34.6 [11.0 - 49.0]	31.8 [15.0 - 46.0]	34.7 [11.0 - 49.0]
Unknown	3	0	3	0	3
Unhealthy Strategy, PWLB	11.5 [9.0 - 26.0]	10.6 [9.0 - 18.0]	12.8 [9.0 - 26.0]	10.3 [9.0 - 14.0]	12.8 [9.0 - 26.0]
Unknown	2	0	2	0	2
Total, PWLB	44.9 [20.0 - 68.0]	43.2 [24.0 - 60.0]	47.5 [20.0 - 68.0]	42.1 [24.0 - 60.0]	47.6 [20.0 - 68.0]
Unknown	3	0	3	0	3
Cognitive Control, TFEQ	9.6 [1.0 - 19.0]	10.0 [1.0 - 19.0]	9.1 [1.0 - 16.0]	9.0 [1.0 - 18.0]	9.3 [1.0 - 16.0]
Unknown	8	3	5	2	5
Disinhibition, TFEQ	7.0 [1.0 - 16.0]	5.5 [1.0 - 13.0]	9.1 [1.0 - 16.0]	5.3 [1.0 - 13.0]	9.1 [1.0 - 16.0]
Unknown	4	2	2	2	2
Susceptibility to Hunger, TFEQ	6.3 [0.0 - 14.0]	5.6 [0.0 - 12.0]	7.3 [1.0 - 14.0]	6.3 [0.0 - 12.0]	7.2 [1.0 - 14.0]
Unknown	9	4	5	4	5

Note:

PWLB: Parent Weight-Loss Behaviors

TFEQ: Three-Factor Eating Questionnaire

¹ Mean [Range]; n (%)

4 Delay Discounting

Table 20: Delay Discounting

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 84	Low Risk, N = 50	High Risk, N = 34	Low Risk, N = 31	High Risk, N = 32
Age, yr	7.8 [6.0 - 9.9]	7.8 [6.0 - 9.0]	7.8 [7.0 - 9.9]	7.8 [6.0 - 9.0]	7.9 [7.0 - 9.9]
Sex					
Male	41 (49%)	27 (54%)	14 (41%)	17 (55%)	13 (41%)
Female	43 (51%)	23 (46%)	20 (59%)	14 (45%)	19 (59%)
dd_checks_exclude					
Include	72 (89%)	44 (90%)	28 (88%)	29 (94%)	26 (87%)
Exclude	9 (11%)	5 (10%)	4 (12%)	2 (6.5%)	4 (13%)
Unknown	3	1	2	0	2
Best Model					
mazur	28 (39%)	21 (48%)	7 (25%)	13 (45%)	6 (23%)
exponential	17 (24%)	10 (23%)	7 (25%)	8 (28%)	7 (27%)
greenmyerson	2 (2.8%)	1 (2.3%)	1 (3.6%)	0 (0%)	1 (3.8%)
rachlin	3 (4.2%)	2 (4.5%)	1 (3.6%)	1 (3.4%)	1 (3.8%)
noise	22 (31%)	10 (23%)	12 (43%)	7 (24%)	11 (42%)
Unknown	12	6	6	2	6
Best Model, Probability	0.4 [0.0 - 1.0]	0.4 [0.0 - 0.8]	0.4 [0.0 - 1.0]	0.4 [0.0 - 0.7]	0.5 [0.0 - 1.0]
Unknown	12	6	6	2	6
Effective Dealy for 50% Value [^]	7.5 [4.2 - 40.2]	6.3 [4.2 - 40.2]	10.0 [4.4 - 40.2]	6.9 [4.2 - 40.2]	10.3 [4.4 - 40.2]
Unknown	34	16	18	9	17
Area Under the Curve	0.8 [0.5 - 1.0]	0.8 [0.5 - 1.0]	0.8 [0.5 - 1.0]	0.8 [0.5 - 1.0]	0.8 [0.5 - 1.0]
Unknown	12	6	6	2	6
Area Under the Curve, log10	0.8 [0.5 - 1.0]	0.8 [0.5 - 1.0]	0.9 [0.5 - 1.0]	0.8 [0.5 - 1.0]	0.8 [0.5 - 1.0]
Unknown	12	6	6	2	6

Note:

[^] Effective Dealy to reach 50% of Value - cannot be computed for Noise Model

¹ Mean [Range]; n (%)

5 Cognitive Tasks

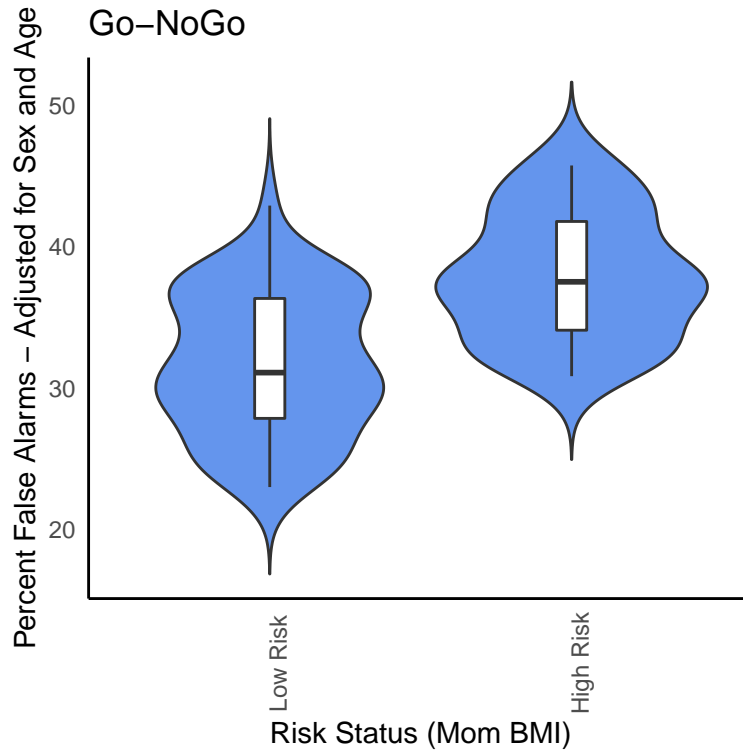
5.1 Go-NoGo

Table 21: Go-NoGo Performance Summary

Characteristic	All	Risk Status - Mom BMI		Risk Status - Strict	
	N = 84	Low Risk, N = 50	High Risk, N = 34	Low Risk, N = 31	High Risk, N = 32
sex					
Male	41 (49%)	27 (54%)	14 (41%)	17 (55%)	13 (41%)
Female	43 (51%)	23 (46%)	20 (59%)	14 (45%)	19 (59%)
Hits, %	97 [87 - 100]	97 [87 - 100]	97 [88 - 100]	97 [87 - 100]	98 [91 - 100]
Hits, mean RT	542 [437 - 683]	543 [437 - 683]	541 [438 - 681]	545 [448 - 670]	542 [438 - 681]
Hits, median RT	532 [423 - 678]	533 [423 - 678]	529 [429 - 667]	535 [434 - 678]	530 [429 - 667]
False Alarm, %	34 [4 - 80]	32 [8 - 68]	38 [4 - 80]	31 [8 - 64]	38 [4 - 80]
False Alarm, mean RT	429 [304 - 570]	432 [342 - 570]	425 [304 - 558]	425 [342 - 553]	425 [304 - 558]
False Alarms, median RT	418 [293 - 587]	422 [322 - 587]	411 [293 - 567]	418 [322 - 576]	411 [293 - 567]
Ballanced Acc, %	82 [59 - 98]	83 [62 - 95]	80 [59 - 98]	83 [66 - 95]	80 [59 - 98]

¹ n (%); Mean [Range]

5.1.1 Percent False Alarms: Mom Risk Status



5.1.2 Percent Hits: Mom Risk Status

5.2 N-Back

Table 22: N-Back Performance Summary: All Participants

Characteristic	Baseline			Follow-Up		
	0-Back, N = 79	1-Back, N = 79	2-Back, N = 79	0-Back, N = 42	1-Back, N = 43	2-Back, N = 42
sex						
Male	38 (48%)	38 (48%)	38 (48%)	15 (36%)	15 (35%)	15 (36%)
Female	41 (52%)	41 (52%)	41 (52%)	27 (64%)	28 (65%)	27 (64%)
age_yr	8 [6 - 9]	8 [6 - 9]	8 [6 - 9]	8 [6 - 10]	8 [6 - 10]	8 [6 - 10]
Hits, %	98 [56 - 100]	94 [50 - 100]	60 [19 - 100]	99 [88 - 100]	96 [62 - 100]	73 [31 - 100]
False Alarms, %	4 [0 - 98]	2 [0 - 11]	2 [0 - 41]	2 [0 - 11]	2 [0 - 30]	4 [0 - 25]
Ballanced Acc, %	97 [39 - 100]	96 [75 - 100]	79 [59 - 97]	99 [91 - 100]	97 [66 - 100]	85 [64 - 100]
Hits Mean RT, ms	634 [431 - 810]	752 [547 - 1,010]	839 [462 - 1,271]	597 [431 - 1,002]	670 [482 - 950]	758 [436 - 1,145]
Hits Median RT, ms	614 [428 - 816]	729 [482 - 1,052]	776 [443 - 1,297]	574 [398 - 981]	641 [404 - 977]	723 [418 - 1,046]

¹ n (%); Mean [Range]

Table 23: N-Back Performance Summary: Mom Risk Status

Group	Characteristic	High Risk			Low Risk		
		0-Back, N = 47	1-Back, N = 47	2-Back, N = 47	0-Back, N = 32	1-Back, N = 32	2-Back, N = 32
Baseline	sex						
	Male	25 (53%)	25 (53%)	25 (53%)	13 (41%)	13 (41%)	13 (41%)
	Female	22 (47%)	22 (47%)	22 (47%)	19 (59%)	19 (59%)	19 (59%)
	age_yr	8 [6 - 9]	8 [6 - 9]	8 [6 - 9]	8 [7 - 9]	8 [7 - 9]	8 [7 - 9]
	Hits, %	97 [56 - 100]	95 [75 - 100]	63 [19 - 100]	99 [94 - 100]	92 [50 - 100]	55 [19 - 94]
	False Alarms, %	5 [0 - 98]	2 [0 - 11]	2 [0 - 9]	2 [0 - 16]	1 [0 - 5]	3 [0 - 41]
	Ballanced Acc, %	96 [39 - 100]	97 [83 - 100]	81 [59 - 97]	98 [92 - 100]	95 [75 - 100]	76 [59 - 95]
	Hits Mean RT, ms	638 [431 - 810]	742 [547 - 1,010]	818 [506 - 1,271]	628 [510 - 760]	766 [604 - 997]	868 [462 - 1,145]
	Hits Median RT, ms	618 [428 - 816]	712 [482 - 1,040]	757 [456 - 1,297]	609 [499 - 751]	754 [592 - 1,052]	804 [443 - 1,046]
Follow-Up	sex						
	Male	10 (43%)	10 (42%)	10 (42%)	5 (26%)	5 (26%)	5 (28%)
	Female	13 (57%)	14 (58%)	14 (58%)	14 (74%)	14 (74%)	13 (72%)
	age_yr	8 [6 - 9]	8 [6 - 9]	8 [6 - 9]	8 [7 - 10]	8 [7 - 10]	8 [7 - 10]
	Hits, %	99 [94 - 100]	97 [62 - 100]	74 [31 - 100]	99 [88 - 100]	96 [81 - 100]	71 [44 - 94]
	False Alarms, %	2 [0 - 7]	2 [0 - 30]	5 [0 - 25]	2 [0 - 11]	2 [0 - 7]	3 [0 - 11]
	Ballanced Acc, %	99 [95 - 100]	97 [66 - 100]	85 [64 - 100]	99 [91 - 100]	97 [90 - 100]	84 [67 - 97]
	Hits Mean RT, ms	590 [436 - 1,002]	647 [489 - 831]	758 [436 - 1,145]	606 [431 - 886]	698 [482 - 950]	759 [602 - 1,145]
	Hits Median RT, ms	571 [428 - 981]	615 [468 - 858]	704 [418 - 1,009]	578 [398 - 828]	673 [404 - 977]	748 [547 - 1,046]

¹ n (%); Mean [Range]

Table 24: N-Back Performance Summary: Strict Risk Status

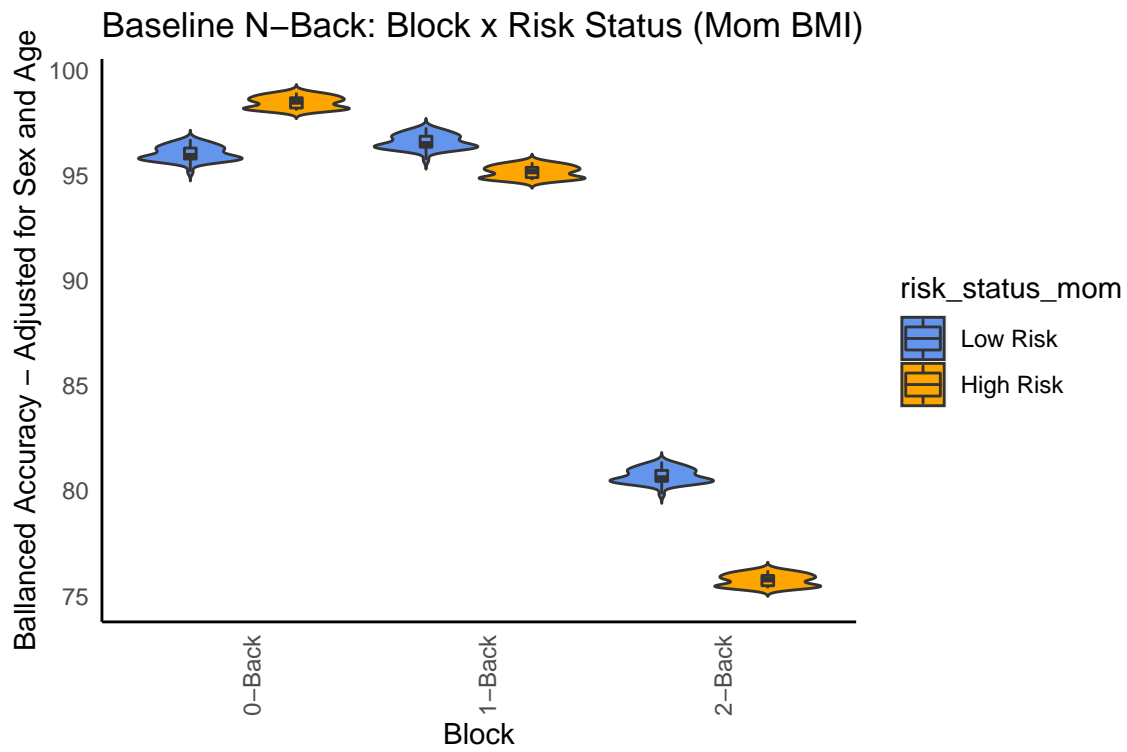
Group	Characteristic	High Risk			Low Risk		
		0-Back, N = 31	1-Back, N = 31	2-Back, N = 31	0-Back, N = 30	1-Back, N = 30	2-Back, N = 30
Baseline	sex						
	Male	17 (55%)	17 (55%)	17 (55%)	12 (40%)	12 (40%)	12 (40%)
	Female	14 (45%)	14 (45%)	14 (45%)	18 (60%)	18 (60%)	18 (60%)
	age_yr	8 [6 - 9]	8 [6 - 9]	8 [6 - 9]	8 [7 - 9]	8 [7 - 9]	8 [7 - 9]
	Hits, %	96 [56 - 100]	95 [75 - 100]	64 [19 - 100]	99 [94 - 100]	92 [50 - 100]	56 [19 - 94]
	False Alarms, %	6 [0 - 98]	1 [0 - 7]	2 [0 - 9]	2 [0 - 16]	1 [0 - 5]	3 [0 - 41]
	Ballanced Acc, %	95 [39 - 100]	97 [88 - 100]	81 [59 - 97]	98 [92 - 100]	96 [75 - 100]	76 [59 - 93]
	Hits Mean RT, ms	632 [431 - 810]	752 [567 - 1,007]	801 [506 - 1,175]	630 [510 - 760]	764 [604 - 997]	864 [462 - 1,000]
	Hits Median RT, ms	615 [428 - 816]	724 [482 - 1,040]	733 [456 - 1,171]	609 [499 - 751]	751 [592 - 1,052]	808 [443 - 1,000]
	sex						
Follow-Up	Male	8 (44%)	8 (44%)	8 (44%)	5 (28%)	5 (28%)	5 (29%)
	Female	10 (56%)	10 (56%)	10 (56%)	13 (72%)	13 (72%)	12 (71%)
	age_yr	8 [6 - 9]	8 [6 - 9]	8 [6 - 9]	8 [7 - 10]	8 [7 - 10]	8 [7 - 10]
	Hits, %	99 [94 - 100]	97 [62 - 100]	75 [31 - 100]	99 [88 - 100]	95 [81 - 100]	72 [44 - 94]
	False Alarms, %	2 [0 - 7]	3 [0 - 30]	4 [0 - 20]	2 [0 - 11]	2 [0 - 7]	3 [0 - 11]
	Ballanced Acc, %	99 [95 - 100]	97 [66 - 100]	86 [64 - 100]	99 [91 - 100]	97 [90 - 100]	85 [67 - 97]
	Hits Mean RT, ms	572 [436 - 1,002]	643 [533 - 831]	765 [436 - 1,145]	607 [431 - 886]	695 [482 - 950]	760 [602 - 1,000]
	Hits Median RT, ms	550 [428 - 981]	606 [468 - 858]	704 [418 - 1,001]	579 [398 - 828]	670 [404 - 977]	747 [547 - 1,000]

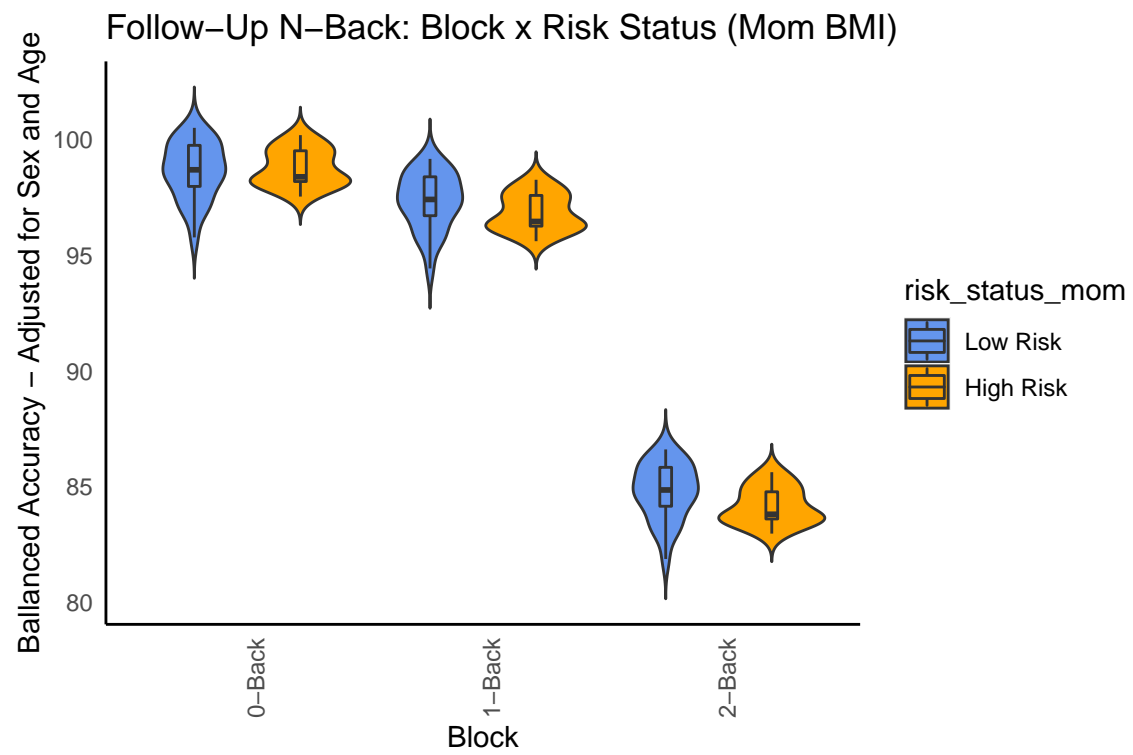
¹ n (%); Mean [Range]

5.2.1 Ballanced Accuracy: Mom Risk Status

Table 25: N-Back Ballanced Accuracy - Risk x Block

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	92.053	6.877	13.385	0.000
sexFemale	-0.184	1.063	-0.173	0.863
age_yr	0.522	0.873	0.598	0.551
risk_status_momHigh Risk	2.479	1.851	1.339	0.182
block1-Back	0.561	1.661	0.338	0.736
block2-Back	-15.336	1.661	-9.236	0.000
risk_status_momHigh Risk:block1-Back	-3.872	2.609	-1.484	0.139
risk_status_momHigh Risk:block2-Back	-7.391	2.609	-2.833	0.005





5.3 Stop-Signal Task

Table 26: Stop-Signal Task Performance Summary: All Participants

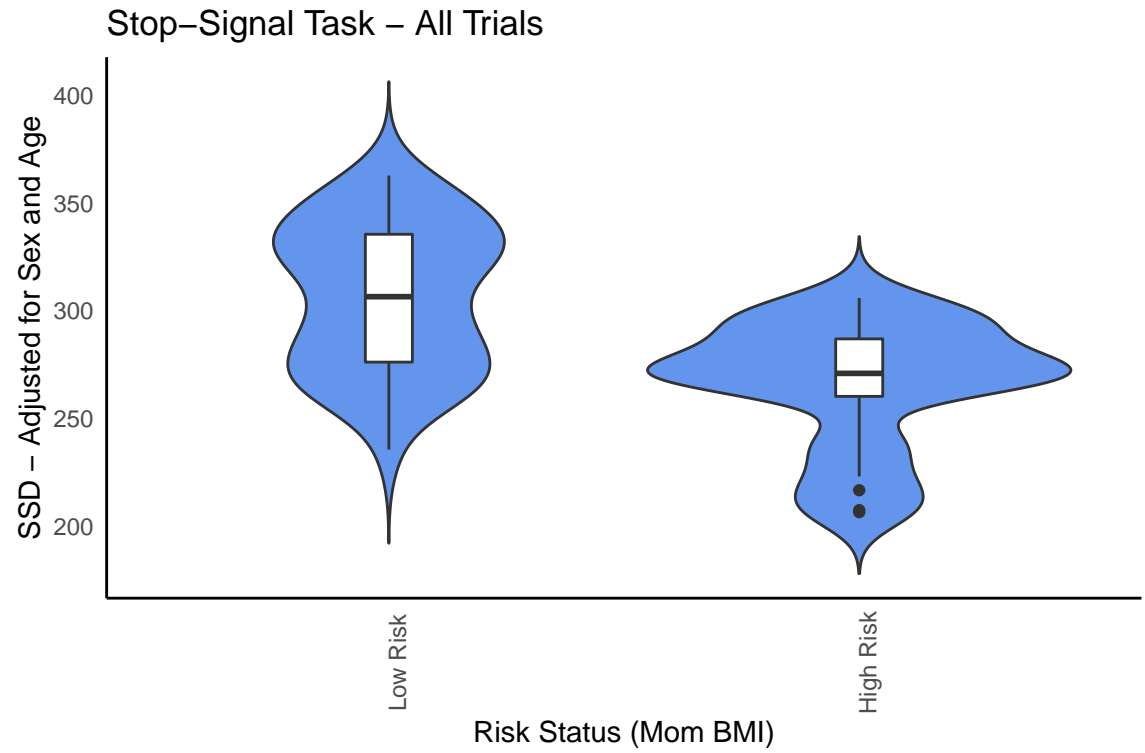
Characteristic	All Trials	Energy Density Trial		Portion Size Trials	
	N = 65	Low ED, N = 47	High ED, N = 47	Small PS, N = 50	Large PS, N = 50
Go Mean RT, ms	658.5 [420.4 - 903.4]	672.1 [372.1 - 910.4]	667.8 [476.1 - 896.5]	663.5 [442.2 - 950.0]	670.4 [401.3 - 857.3]
L/R Error, N	4.7 [0.0 - 44.0]	2.2 [0.0 - 12.0]	1.9 [0.0 - 8.0]	1.9 [0.0 - 12.0]	2.3 [0.0 - 11.0]
Missed, N	3.7 [0.0 - 36.0]	2.1 [0.0 - 17.0]	1.8 [0.0 - 19.0]	2.2 [0.0 - 20.0]	2.1 [0.0 - 16.0]
P(Resp Stop Signal)	0.5 [0.3 - 0.8]	0.5 [0.2 - 0.9]	0.5 [0.3 - 0.8]	0.5 [0.3 - 0.8]	0.5 [0.3 - 0.8]
SSD, ms	291.6 [97.0 - 442.2]	309.3 [90.8 - 474.0]	296.4 [103.2 - 455.7]	288.5 [114.1 - 446.9]	309.5 [94.8 - 456.3]
SSRT - Mean, ms	361.1 [237.8 - 544.2]	356.8 [211.9 - 548.0]	367.0 [220.9 - 550.7]	367.5 [232.7 - 604.3]	356.6 [210.0 - 538.5]
SSRT - Integration, ms	338.0 [192.6 - 804.7]	325.9 [168.8 - 1,047.0]	334.0 [186.6 - 617.5]	338.8 [207.6 - 680.2]	321.7 [184.8 - 742.2]

¹ Mean [Range]

5.3.1 Stop Signal Delay: Mom Risk Status

Table 27: Stop-Signal Task SSD - Risk Status

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	94.026	117.497	0.800	0.427
sexFemale	57.199	20.532	2.786	0.007
age_yr	23.717	14.947	1.587	0.118
risk_status_momHigh Risk	-54.245	21.082	-2.573	0.013



5.3.1.1 All Trials

Table 28: Stop-Signal Task SSD (integration) - Risk Status x ED

	Estimate	Std. Error	df	t value	Pr(> t)
(Intercept)	122.154	134.463	43.153	0.908	0.369
sexFemale	65.424	24.059	43.000	2.719	0.009
age_yr	22.011	17.525	43.000	1.256	0.216
EDHigh ED	-3.907	11.321	45.000	-0.345	0.732
risk_status_momHigh Risk	-52.947	25.135	53.873	-2.107	0.040
EDHigh ED:risk_status_momHigh Risk	-20.259	16.937	45.000	-1.196	0.238

5.3.1.2 Energy Density Trials

Table 29: Stop-Signal Task SSD (integration) - Risk Status x PS

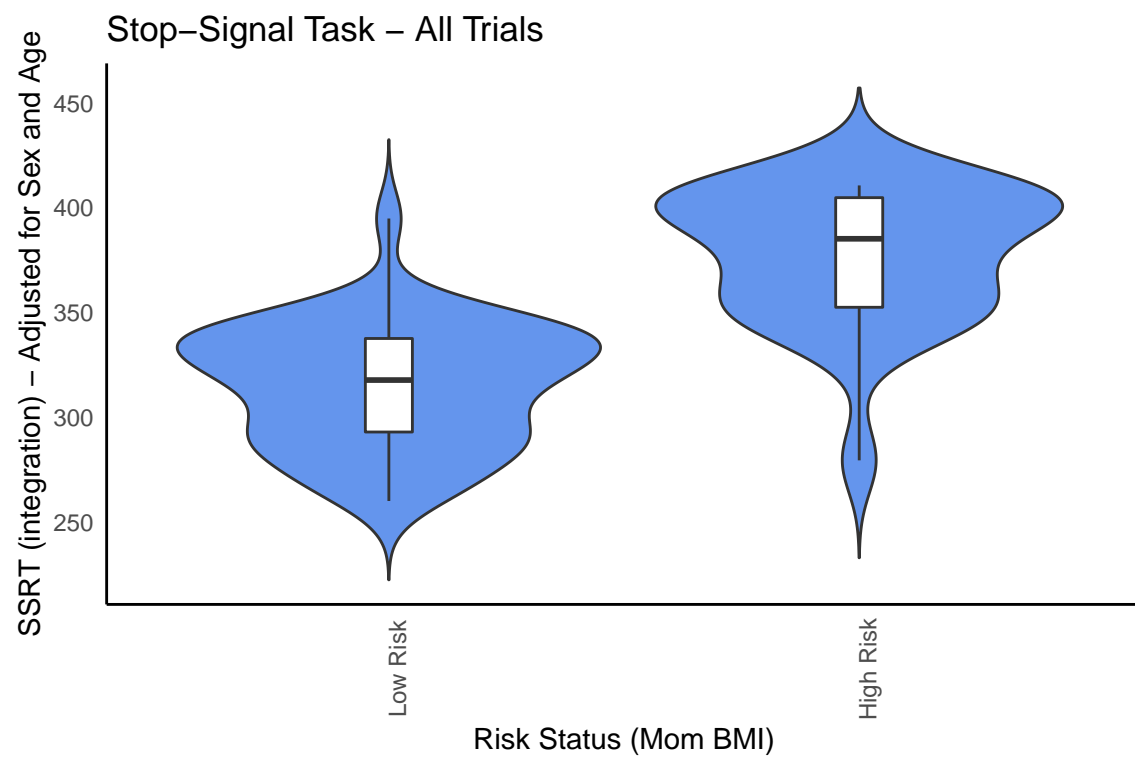
	Estimate	Std. Error	df	t value	Pr(> t)
(Intercept)	145.684	140.129	46.160	1.040	0.304
sexFemale	61.419	25.042	46.000	2.453	0.018
age_yr	16.253	17.706	46.000	0.918	0.363
PSLarge PS	22.503	11.669	48.000	1.928	0.060
risk_status_momHigh Risk	-46.785	26.610	57.736	-1.758	0.084
PSLarge PS:risk_status_momHigh Risk	-3.733	18.006	48.000	-0.207	0.837

5.3.1.3 Portion Size Trials

5.3.2 Stop Signal Reaction Time: Mom Risk Status

Table 30: Stop-Signal Task SSRT (integration) - Risk Status

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	664.142	148.358	4.477	0.000
sexFemale	4.068	25.925	0.157	0.876
age_yr	-45.104	18.873	-2.390	0.020
risk_status_momHigh Risk	63.611	26.619	2.390	0.020



5.3.2.1 All Trials

Table 31: Stop-Signal Task SSRT (integration) - Risk Status x ED

	Estimate	Std. Error	df	t value	Pr(> t)
(Intercept)	580.871	164.810	43.367	3.525	0.001
sexFemale	-8.549	29.452	43.000	-0.290	0.773
age_yr	-36.594	21.453	43.000	-1.706	0.095
EDHigh ED	1.014	21.484	45.000	0.047	0.963
risk_status_momHigh Risk	75.332	33.129	67.434	2.274	0.026
EDHigh ED:risk_status_momHigh Risk	15.877	32.141	45.000	0.494	0.624

5.3.2.2 Energy Density Trials

Table 32: Stop-Signal Task SSRT (integration) - Risk Status x PS

	Estimate	Std. Error	df	t value	Pr(> t)
(Intercept)	476.472	134.097	46.511	3.553	0.001
sexFemale	12.001	23.919	46.000	0.502	0.618
age_yr	-21.934	16.911	46.000	-1.297	0.201
PSLarge PS	-4.190	19.939	48.000	-0.210	0.834
risk_status_momHigh Risk	63.270	28.438	78.979	2.225	0.029
PSLarge PS:risk_status_momHigh Risk	-30.617	30.767	48.000	-0.995	0.325

5.3.2.3 Portion Size Trials

5.4 Space Task

Table 33: Baseline: Space Task Performance Summary

Characteristic	All	Baseline		Follow-Up	
	N = 53	Low Risk, N = 30	High Risk, N = 23	Low Risk, N = 18	High Risk, N = 11
Sex					
Male	31 (58%)	19 (63%)	12 (52%)	12 (67%)	11 (52%)
Female	22 (42%)	11 (37%)	11 (48%)	6 (33%)	10 (48%)
Age, yr	7.8 [7.0 - 9.0]	7.9 [7.0 - 9.0]	7.7 [7.0 - 8.4]	8.1 [7.1 - 9.0]	7.7 [7.0 - 8.4]
Earth Mean RT, ms	917.1 [530.7 - 1,224.4]	936.4 [704.2 - 1,199.8]	891.8 [530.7 - 1,224.4]	917.1 [704.2 - 1,092.0]	902.9 [632.6 - 1,044.8]
Earth Missed, %	0.0 [0.0 - 0.2]	0.0 [0.0 - 0.2]	0.0 [0.0 - 0.2]	0.0 [0.0 - 0.2]	0.0 [0.0 - 0.2]
Planet Mean RT, ms	688.8 [310.2 - 1,044.8]	685.0 [310.2 - 1,044.8]	693.7 [513.6 - 893.6]	691.2 [310.2 - 1,044.8]	692.6 [513.6 - 893.6]
Planet (Stage w) Missed, %	0.1 [0.0 - 0.2]	0.1 [0.0 - 0.2]	0.1 [0.0 - 0.2]	0.1 [0.0 - 0.2]	0.1 [0.0 - 0.2]
Reward Rate	4.6 [2.8 - 5.7]	4.5 [2.8 - 5.7]	4.6 [3.7 - 5.4]	4.3 [2.8 - 5.1]	4.6 [3.7 - 5.4]
Average Reward	4.4 [2.7 - 5.3]	4.4 [2.7 - 5.0]	4.5 [3.7 - 5.3]	4.2 [2.7 - 4.9]	4.6 [3.8 - 5.3]
Corrected Reward Rate	0.1 [-0.5 - 0.8]	0.2 [-0.4 - 0.8]	0.1 [-0.5 - 0.6]	0.1 [-0.4 - 0.7]	0.1 [-0.5 - 0.6]
P (stay same earth)	0.5 [0.3 - 1.0]	0.5 [0.3 - 0.7]	0.5 [0.3 - 1.0]	0.5 [0.3 - 0.6]	0.5 [0.3 - 1.0]
P (stay different earth)	0.5 [0.3 - 0.9]	0.5 [0.3 - 0.7]	0.5 [0.3 - 0.9]	0.5 [0.3 - 0.6]	0.5 [0.3 - 0.9]
Inverse Temp	2.8 [0.3 - 3.7]	2.8 [0.3 - 3.5]	2.8 [0.3 - 3.7]	2.8 [0.3 - 3.5]	2.8 [0.3 - 3.7]
Learning Rate	0.2 [0.0 - 1.0]	0.2 [0.0 - 1.0]	0.2 [0.0 - 1.0]	0.2 [0.0 - 1.0]	0.2 [0.0 - 1.0]
Decay Rate	0.6 [0.0 - 1.0]	0.5 [0.0 - 1.0]	0.6 [0.0 - 1.0]	0.5 [0.0 - 1.0]	0.6 [0.1 - 1.0]
Weighting Parameter	0.3 [0.0 - 1.0]	0.2 [0.0 - 1.0]	0.4 [0.0 - 1.0]	0.2 [0.0 - 1.0]	0.4 [0.0 - 1.0]
Choice 'Stickiness'	0.1 [-0.8 - 2.3]	0.1 [-0.4 - 2.0]	0.0 [-0.8 - 2.3]	0.0 [-0.4 - 0.5]	0.1 [-0.8 - 2.3]
Response/Motor 'Stickiness'	-0.1 [-0.9 - 0.7]	0.0 [-0.7 - 0.7]	-0.2 [-0.9 - 0.1]	0.0 [-0.7 - 0.7]	-0.2 [-0.9 - 0.1]

¹ n (%); Mean [Range]

Table 34: Follow-Up: Space Task Performance Summary

Characteristic	All	Baseline		Follow-Up	
	N = 43	Low Risk, N = 24	High Risk, N = 19	Low Risk, N = 17	High Risk, N = 11
Sex					
Male	16 (37%)	11 (46%)	5 (26%)	8 (47%)	5 (28%)
Female	27 (63%)	13 (54%)	14 (74%)	9 (53%)	13 (72%)
Age, yr	7.9 [6.0 - 9.9]	7.8 [6.0 - 9.0]	8.0 [7.2 - 9.9]	7.8 [6.0 - 9.0]	8.1 [7.2 - 9.9]
Earth Mean RT, ms	889.4 [652.1 - 1,353.4]	888.3 [671.7 - 1,353.4]	890.7 [652.1 - 1,246.7]	846.2 [671.7 - 1,109.6]	871.0 [652.1 - 1,109.6]
Earth Missed, %	0.0 [0.0 - 0.1]	0.0 [0.0 - 0.1]	0.0 [0.0 - 0.1]	0.0 [0.0 - 0.1]	0.0 [0.0 - 0.1]
Planet Mean RT, ms	579.2 [172.1 - 856.4]	561.1 [309.1 - 834.8]	602.0 [172.1 - 856.4]	569.8 [309.1 - 834.8]	608.1 [172.1 - 856.4]
Planet (Stage w) Missed, %	0.0 [0.0 - 0.1]	0.0 [0.0 - 0.1]	0.0 [0.0 - 0.1]	0.0 [0.0 - 0.1]	0.0 [0.0 - 0.1]
Reward Rate	4.8 [3.7 - 6.4]	4.8 [3.8 - 6.4]	4.7 [3.7 - 6.1]	4.8 [3.8 - 5.7]	4.7 [3.7 - 6.1]
Average Reward	4.5 [3.5 - 5.3]	4.5 [3.5 - 5.1]	4.3 [3.8 - 5.3]	4.5 [3.5 - 5.1]	4.3 [3.8 - 5.3]
Corrected Reward Rate	0.3 [-0.2 - 1.5]	0.3 [-0.2 - 1.5]	0.4 [-0.2 - 1.1]	0.3 [-0.1 - 0.9]	0.4 [-0.2 - 1.1]
P (stay same earth)	0.5 [0.2 - 0.9]	0.5 [0.2 - 0.9]	0.5 [0.3 - 0.9]	0.5 [0.2 - 0.8]	0.5 [0.3 - 0.9]
P (stay different earth)	0.5 [0.3 - 0.8]	0.5 [0.3 - 0.8]	0.5 [0.3 - 0.8]	0.5 [0.3 - 0.7]	0.5 [0.3 - 0.8]
Inverse Temp	2.7 [0.3 - 3.7]	2.8 [0.3 - 3.7]	2.7 [0.3 - 3.5]	2.9 [0.5 - 3.7]	2.7 [0.3 - 3.5]
Learning Rate	0.2 [0.0 - 1.0]	0.2 [0.0 - 1.0]	0.2 [0.0 - 1.0]	0.1 [0.0 - 1.0]	0.2 [0.0 - 1.0]
Decay Rate	0.6 [0.0 - 1.0]	0.7 [0.0 - 1.0]	0.5 [0.0 - 1.0]	0.7 [0.0 - 1.0]	0.5 [0.0 - 1.0]
Weighting Parameter	0.3 [0.0 - 1.0]	0.3 [0.0 - 1.0]	0.2 [0.0 - 1.0]	0.3 [0.0 - 1.0]	0.2 [0.0 - 1.0]
Choice 'Stickiness'	0.1 [-0.8 - 2.3]	0.1 [-0.8 - 2.3]	0.2 [-0.3 - 2.0]	0.2 [-0.4 - 2.3]	0.2 [-0.3 - 2.0]
Response/Motor 'Stickiness'	-0.1 [-0.9 - 0.7]	-0.2 [-0.9 - 0.2]	-0.1 [-0.7 - 0.7]	-0.1 [-0.4 - 0.2]	-0.1 [-0.7 - 0.7]

¹ n (%); Mean [Range]

5.4.1 Decision Making: Mom Risk Status

Table 35: Baseline Space Task: Weighting Parameter - Mom Risk

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.138	0.729	0.190	0.850
sexFemale	0.047	0.097	0.480	0.633
age_yr	0.005	0.091	0.054	0.957
risk_status_momHigh Risk	0.220	0.099	2.226	0.031

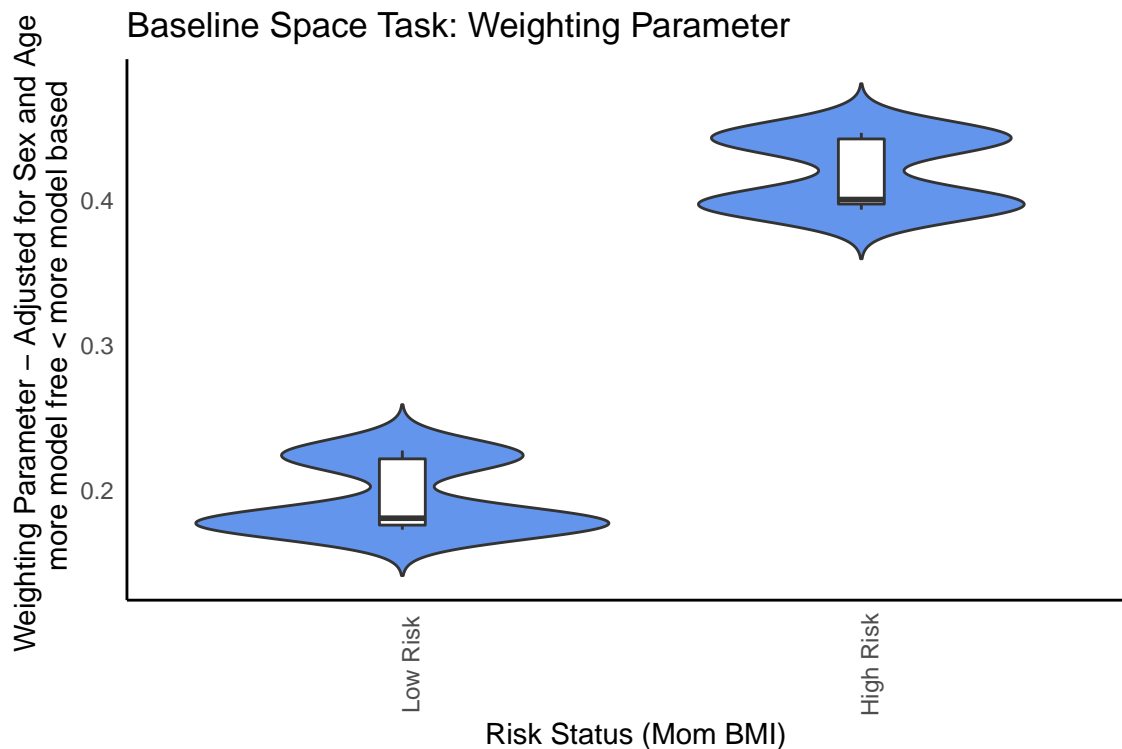


Table 36: Baseline Space Task: Response/Motor Stickiness - Mom Risk

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	-0.420	0.553	-0.760	0.451
sexFemale	0.006	0.074	0.080	0.936
age_yr	0.047	0.069	0.686	0.496
risk_status_momHigh Risk	-0.162	0.075	-2.167	0.035

