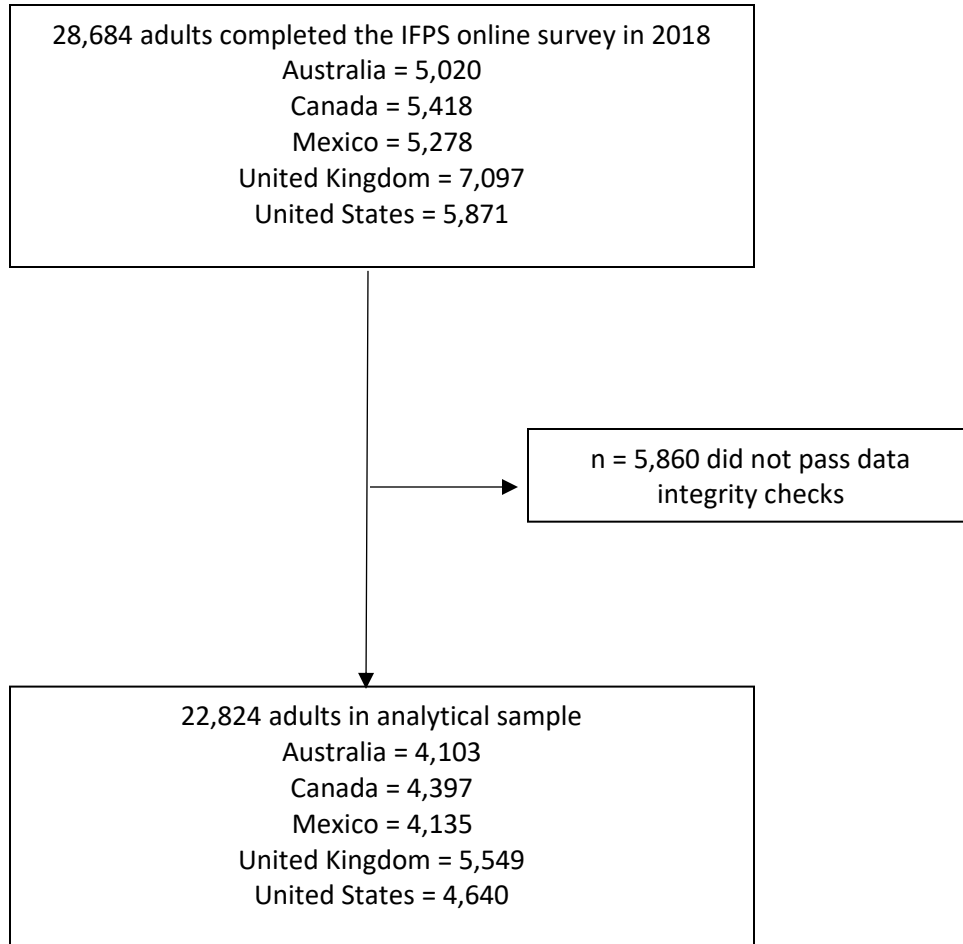


Appendix A Participant Flow Chart for the International Food Policy Study (IFPS) 2018



Appendix B Characteristics of participants by country and by subjective social status (n=22,824)

	Australia						Canada						Mexico					
	Overall n=4,103	Subjective social status (weighted %)					Overall n=4,397	Subjective social status (weighted %)					Overall n=4,135	Subjective social status (weighted %)				
		1-2	3-4	5-6	7-8	9-10		1-2	3-4	5-6	7-8	9-10		1-2	3-4	5-6	7-8	9-10
Age mean (SE)	46.4 (0.3)	48.9 (0.9)	49.0 (0.6)	46.2 (0.4)	44.9 (0.6)	39.3 (1.3)	48.1 (0.3)	47.0 (1.2)	47.8 (0.7)	47.9 (0.5)	49.3 (0.6)	47.8 (1.7)	39.3 (0.2)	37.8 (2.1)	39.2 (0.7)	38.0 (0.4)	40.8 (0.4)	37.8 (1.2)
Sex																		
Male	49.1	9.4	19.2	38.4	27.5	5.3	49.3	7.1	20.0	37.8	30.1	4.7	47.5	1.5	13.3	41.4	39.0	4.6
Female	50.9	7.1	23.8	43.3	22.9	2.7	50.6	9.3	25.2	40.7	21.9	2.7	52.4	1.1	17.0	38.9	39.6	3.1
Educational attainment																		
Low	42.0	11.2	26.4	40.3	19.0	3.0	42.5	13.6	29.9	36.4	17.3	2.7	19.9	1.9	29.2	43.7	22.3	2.7
Middle	32.2	8.3	21.6	43.0	24.3	2.6	33.2	5.7	22.4	43.6	25.8	2.3	13.2	1.7	16.2	46.1	34.2	1.6
High	25.6	3.2	13.3	39.4	36.4	7.4	24.2	2.3	10.8	38.1	41.3	7.3	66.8	1.0	10.9	37.9	45.5	4.6
Perceived income adequacy																		
Low	28.2	23.8	39.3	27.8	6.4	2.4	28.4	23.2	41.0	27.4	6.7	1.5	43.9	2.2	24.8	44.4	26.9	1.5
Middle	37.4	3.1	21.9	54.3	19.1	1.3	37.0	3.1	23.6	51.9	20.2	0.9	38.7	0.5	8.5	42.9	44.7	3.2
High	34.2	1.1	6.7	37.8	46.2	8.0	34.4	1.1	6.8	35.6	48.0	8.2	17.2	0.6	5.6	23.3	59.5	10.8
Subjective social status Mean (SE), Proportion (%)	5.3 (0.03)	8.2	21.5	40.9	25.2	4.0	5.3 (0.03)	8.2	22.6	39.3	26.0	3.7	5.0 (0.03)	1.3	15.3	40.1	39.3	3.8
Psychosocial stress																		
Not at all	12.2	5.3	16.6	38.2	31.8	7.8	9.5	5.0	15.5	34.9	34.2	10.2	6.7	2.0	13.9	29.4	44.8	9.6
Not very	28.1	6.9	15.3	41.2	32.4	4.0	29.0	4.1	17.6	40.7	34.3	3.1	31.1	1.3	13.4	40.7	40.5	3.8
A bit	42.6	6.1	23.8	44.7	23.0	2.2	41.0	7.2	23.8	44.2	22.0	2.6	47.8	0.9	14.6	41.1	40.6	2.6
Very	12.9	14.4	31.4	36.8	14.3	2.8	14.9	15.1	32.5	30.6	19.5	2.0	12.3	1.3	20.9	41.1	33.1	3.4
Extremely	4.0	26.3	25.9	22.5	14.5	10.5	5.4	24.4	28.8	26.4	12.2	8.0	1.8	5.4	27.2	40.6	16.0	10.6
Self-rated mental health																		
Poor	7.8	22.8	31.1	33.0	10.5	2.3	7.0	28.5	36.8	21.0	13.1	0.5	1.9	3.9	25.2	34.9	30.5	5.3
Fair	17.4	12.4	31.3	40.0	14.4	1.6	15.3	13.2	33.9	36.3	14.3	2.1	13.1	2.4	25.6	42.9	28.0	1.0
Good	31.9	5.7	22.2	44.6	24.7	2.6	33.1	6.2	24.0	45.1	22.3	2.3	35.3	1.2	17.5	44.3	34.5	2.1
Very good	26.4	5.2	16.4	42.6	30.8	4.8	28.7	3.8	17.7	41.2	33.9	3.2	32.2	0.8	11.3	39.7	43.9	4.0
Excellent	16.2	5.2	13.3	37.3	36.2	7.8	15.7	6.1	12.6	34.3	36.5	10.3	17.3	0.9	8.9	31.3	50.6	8.2
Self-rated general health																		
Poor	5.5	28.9	38.4	24.3	4.7	3.5	5.1	31.3	33.7	26.4	8.1	0.2	4.7	4.6	36.0	34.1	23.3	1.8
Fair	25.5	12.3	30.3	39.7	16.0	1.5	24.9	11.6	33.6	36.5	15.6	2.5	24.9	1.8	20.6	43.6	31.8	1.9
Good	45.5	5.0	20.4	45.8	26.0	2.5	47.0	5.7	19.6	44.0	27.9	2.6	51.0	0.8	14.2	40.8	41.2	2.7
Very good	18.2	4.0	11.1	41.0	38.0	5.7	19.3	3.0	15.0	38.5	37.0	6.3	16.5	1.0	6.0	36.2	49.7	6.7
Excellent	5.0	5.1	9.4	24.9	38.9	21.5	3.5	3.4	13.6	24.0	41.1	17.7	2.6	0.9	3.0	33.2	41.3	21.4

	United Kingdom						United States					
	Overall n=5,549	Subjective social status (weighted %)					Overall n=4,640	Subjective social status (weighted %)				
		1-2	3-4	5-6	7-8	9-10		1-2	3-4	5-6	7-8	9-10
Age; mean (SE)	48.0 (0.2)	46.4 (0.8)	48.2 (0.5)	48.0 (0.4)	49.2 (0.6)	40.2 (1.3)	46.8 (0.2)	47.9 (1.2)	47.1 (0.6)	47.6 (0.4)	47.4 (0.5)	39.5 (0.8)
Sex												
Male	48.8	9.0	25.1	37.9	23.6	4.1	48.7	6.3	23.6	32.5	27.7	9.7
Female	51.1	10.2	30.0	40.6	17.6	1.4	51.2	7.0	24.6	41.6	20.7	5.9
Educational attainment												
Low	48.5	13.8	31.1	37.4	15.8	1.7	58.8	9.2	29.3	37.5	17.2	6.6
Middle	23.0	8.2	30.2	41.6	17.6	2.3	9.7	6.8	26.5	41.1	22.0	11.3
High	28.3	3.8	19.9	40.9	30.5	4.6	31.4	1.8	13.9	35.4	37.4	11.3
Perceived income adequacy												
Low	25.1	28.9	41.2	23.8	4.6	1.3	29.7	17.9	43.9	29.7	6.2	2.0
Middle	36.5	5.2	32.9	46.0	14.8	0.9	34.2	3.1	24.8	46.6	21.9	3.5
High	38.3	1.2	13.7	43.3	36.3	5.3	36.0	0.6	7.6	34.4	40.5	16.6
Subjective social status Mean (SE), <i>Proportion (%)</i>	5.5 (0.03)	9.6	27.6	39.3	20.5	2.7	6.0 (0.03)	6.6	24.1	37.1	24.1	7.8
Psychosocial stress												
Not at all	12.9	6.1	22.2	38.0	29.8	3.6	12.2	5.3	17.2	31.9	28.2	17.2
Not very	26.5	3.9	24.3	44.2	25.3	2.0	28.8	4.0	21.5	39.6	29.5	5.2
A bit	42.4	8.8	28.5	41.4	19.1	1.9	39.1	5.7	25.8	40.5	23.4	4.4
Very	12.8	17.9	37.4	30.6	11.7	2.2	14.6	10.0	28.9	34.6	16.0	10.3
Extremely	5.3	33.3	27.7	22.3	7.4	9.1	5.0	22.9	29.3	16.6	12.3	18.7
Self-rated mental health												
Poor	10.3	33.6	37.6	24.4	3.7	0.5	4.5	23.0	45.8	21.4	9.3	0.3
Fair	18.3	14.4	38.1	35.0	11.4	0.8	13.0	12.9	37.6	37.3	9.5	2.4
Good	29.2	5.7	27.7	45.9	18.7	1.9	30.2	5.3	26.4	42.8	21.6	3.7
Very good	25.3	3.5	22.7	42.0	27.9	3.7	30.1	4.8	18.7	37.8	28.4	10.1
Excellent	16.7	6.4	17.8	37.9	32.3	5.5	21.9	4.1	16.1	31.6	33.2	14.8
Self-rated general health												
Poor	7.7	31.9	38.5	22.0	7.2	0.2	4.7	26.6	31.4	31.3	9.6	0.9
Fair	30.3	13.1	37.2	35.3	13.3	0.8	20.6	12.6	36.8	35.0	12.7	2.6
Good	40.2	6.1	24.7	45.4	21.8	1.8	44.1	4.7	26.0	42.4	23.0	3.6
Very good	16.9	3.1	16.5	40.3	34.1	5.7	22.7	2.1	13.5	34.6	36.5	13.1
Excellent	4.7	7.4	12.7	35.5	30.3	13.9	7.8	25.2	79.2	24.1	32.3	33.1

Appendix C Correlation matrix

	Measures	Perceived income adequacy	Educational attainment	Subjective social status	Psychosocial stress	General health	Mental health
Australia	Perceived income adequacy	1					
	Educational attainment	0.14*	1				
	Subjective social status	0.53*	0.22*	1			
	Psychosocial stress	-0.28*	0.06*	-0.19*	1		
	General health	0.29*	0.13*	0.34*	-0.22*	1	
	Mental health	0.27*	0.03*	0.27*	-0.46*	0.47*	1
Canada	Perceived income adequacy	1					
	Educational attainment	0.21*	1				
	Subjective social status	0.54*	0.30*	1			
	Psychosocial stress	-0.34*	0.02	-0.22*	1		
	General health	0.30*	0.15*	0.32*	-0.18*	1	
	Mental health	0.33*	0.07*	0.31*	-0.43*	0.45*	1
Mexico	Perceived income adequacy	1					
	Educational attainment	0.12*	1				
	Subjective social status	0.35*	0.23*	1			
	Psychosocial stress	-0.16*	0.03*	-0.08*	1		
	General health	0.24*	0.11*	0.24*	-0.19*	1	
	Mental health	0.23*	0.13*	0.22*	-0.22*	0.45*	1
United Kingdom	Perceived income adequacy	1					

	Educational attainment	0.10*	1				
	Subjective social status	0.51*	0.23*	1			
	Psychosocial stress	-0.32*	0.03*	-0.21*	1		
	General health	0.29*	0.13*	0.34*	-0.19*	1	
	Mental health	0.36*	0.06*	0.35*	-0.49*	0.49*	1
United States	Perceived income adequacy	1					
	Educational attainment	0.21*	1				
	Subjective social status	0.53*	0.25*	1			
	Psychosocial stress	-0.24*	-0.01	-0.15*	1		
	General health	0.32*	0.16*	0.40*	-0.14*	1	
	Mental health	0.31*	0.12*	0.32*	-0.39*	0.47*	1

*Bivariate correlation $p < 0.05$

Appendix D Goodness of fit statistics

Fit statistic	Australia	Canada	Mexico	United Kingdom	United States
RMSEA	0.068	0.074	0.027	0.080	0.054
CFI	0.982	0.978	0.995	0.976	0.987
TLI	0.912	0.892	0.974	0.880	0.937
SRMR	0.017	0.018	0.007	0.020	0.013

CFI: comparative fit index; RMSEA: root mean square error of approximation; SRMSR: standardized root mean square residuals; TLI: Tucker Lewis index

Appendix E Goodness of fit indices for measurement and structural invariance models

Parameter constraints	Model without mediator					Model with mediator				
	χ^2 (df)	CFI	Δ CFI	TLI	RMSEA	χ^2 (df)	CFI	Δ CFI	TLI	RMSEA
Configural invariance	288.90 (15)	0.973	–	0.919	0.065	289.24 (15)	0.982	–	0.911	0.065
Metric invariance	345.91 (19)	0.968	0.005	0.924	0.063	345.69 (19)	0.979	0.003	0.917	0.063
Metric and structural invariance	–	–	–	–	–	544.41 (55)	0.968	0.011	0.957	0.045

CFI: comparative fit index; RMSEA: root mean square error of approximation; TLI: Tucker Lewis index

Appendix F Direct effects of sex and age on self-rated overall health and psychosocial stress

Path	Coefficient[§] (SE)	P value
<i>Sex -> self-rated overall health</i>		
Australia	-0.011 (0.019)	0.560
Canada	-0.026 (0.020)	0.200
Mexico	-0.018 (0.020)	0.366
United Kingdom	-0.027 (0.017)	0.115
United States	-0.053 (0.019)	0.007
<i>Age -> self-rated overall health</i>		
Australia	0.114 (0.020)	<0.001
Canada	0.109 (0.021)	<0.001
Mexico	0.127 (0.022)	<0.001
United Kingdom	0.049 (0.021)	0.019
United States	0.103 (0.021)	<0.001
<i>Sex -> psychosocial stress</i>		
Australia	0.045 (0.016)	0.006
Canada	0.042 (0.164)	0.008
Mexico	0.074 (0.018)	<0.001
United Kingdom	0.047 (0.015)	0.001
United States	0.046 (0.017)	0.007
<i>Age -> psychosocial stress</i>		
Australia	-0.255 (0.017)	<0.001
Canada	-0.253 (0.018)	<0.001
Mexico	-0.168 (0.020)	<0.001
United Kingdom	-0.266 (0.016)	<0.001
United States	-0.222 (0.017)	<0.001

SE: Standard error; [§]Standardized coefficients