

Online supplementary materials for Langfield et al. Socioeconomic position and the impact of increasing the availability of lower energy foods for home delivery: a randomized control trial examining effects on meal energy intake and later energy intake

1. Menu Information

		Food item	Energy content (kcal)	Category of item
Control Menu	Mains	Sausage & Mash	714	Higher energy
		Cod Mornay	335	Lower energy
		Beef Stroganoff	663	Higher energy
		Sausage Pasta	780	Higher energy
		Macaroni Cheese	705	Higher energy
		Irish Stew	196	Lower energy
		Chicken Jambalaya	319	Lower energy
		Pulled beef	580	Higher energy
		Chicken Black Bean	526	Higher energy
	Spaghetti Bolognese	555	Higher energy	
	Sides	Chunky Chips	546	Higher energy
		Red Cabbage	236	Lower energy
		Roast Potatoes	512	Higher energy
Carrot and Swede mash		360	Higher energy	
Potato Dauphinoise		504	Higher energy	
Carrot Sweetcorn Peas		256	Lower energy	
Increased Availability Menu	Mains	Cod Mornay	335	Lower energy
		Shepherd's Pie	339	Lower energy
		Prawn Linguine	318	Lower energy
		Sausage Pasta	780	Higher energy
		Chicken Jambalaya	319	Lower energy
		Spaghetti Bolognese	555	Higher energy
		Irish Stew	196	Lower energy
		Mushroom Risotto	339	Lower energy
		Chicken in Mushroom sauce	281	Lower energy
		Chicken Black Bean	526	Higher energy
	Sides	Carrot Sweetcorn Peas	256	Lower energy
		Peas and Carrots	242	Lower energy
		Carrot and Swede mash	360	Higher energy
Chunky Chips		546	Higher energy	
Red Cabbage		236	Lower energy	
Cauliflower Cheese		258	Lower energy	

Supplementary Table S1: Menu Item Kcal Information

Note. Categories of items also denoted by shading - green shading reflects lower energy foods and red shading reflects higher energy foods.

Supplementary Table S2: Menu Option Liking Ratings and Requested Nutritional Information

















	Lower SEP (n = 37)	Higher SEP (n = 40)	Overall (N = 77)
Main meal food ratings (“how much would you like this item?”)			
Sausage & Mash	4.89 (1.52)	4.50 (1.72)	4.69 (1.63)
Cod Mornay	3.32 (1.91)	3.78 (2.18)	3.56 (2.06)
Beef Stroganoff	3.95 (1.68)	4.53 (1.92)	4.25 (1.82)
Sausage Pasta	4.41 (1.88)	4.35 (1.79)	4.38 (1.82)
Macaroni Cheese	3.81 (2.21)	4.40 (1.78)	4.12 (2.01)
Irish Stew	4.32 (1.89)	4.40 (1.88)	4.36 (1.87)
Chicken Jambalaya	4.78 (1.96)	4.50 (1.70)	4.64 (1.82)
Pulled beef	4.86 (2.06)	4.90 (1.78)	4.88 (1.91)
Chicken Black Bean	4.92 (1.99)	4.97 (1.56)	4.95 (1.77)
Spaghetti Bolognese	4.81 (1.76)	4.90 (1.55)	4.86 (1.64)
Prawn Linguine	3.51 (2.16)	3.87 (2.49)	3.70 (2.32)
Shepherd’s Pie	4.84 (1.72)	4.85 (1.86)	4.84 (1.79)
Chicken in Mushroom sauce	4.22 (1.99)	4.10 (2.07)	4.16 (2.02)
Mushroom Risotto	3.68 (2.07)	3.80 (2.27)	3.74 (2.16)
Side dish food ratings (“how much would you like this item?”)			
Chunky Chips	6.24 (1.21)	6.07 (1.35)	6.16 (1.28)
Carrot Sweetcorn Peas	4.76 (1.89)	4.68 (1.76)	4.71 (1.81)
Peas and Carrots	4.86 (1.81)	4.70 (1.79)	4.78 (1.79)
Potato Dauphinoise	4.97 (1.82)	5.78 (1.63)	5.39 (1.76)
Roast Potatoes	6.08 (1.04)	5.90 (1.41)	5.99 (1.24)
Red Cabbage	3.97 (2.13)	4.00 (2.12)	3.99 (2.11)
Carrot and Swede mash	5.24 (1.79)	5.00 (1.68)	5.12 (1.72)
Cauliflower Cheese	4.54 (2.33)	4.83 (2.17)	4.69 (2.24)
Requested nutritional information about the dishes on each menu (N/% yes)			
Control menu mains	2 (2.6%)	10 (13.0%)	12 (15.6%)
Control menu sides	2 (2.6%)	8 (10.4%)	10 (13.0%)
Increased availability menu mains	2 (2.6%)	8 (10.4%)	10 (13.0%)
Increased availability menu sides	1 (1.3%)	7 (9.1%)	8 (10.4%)

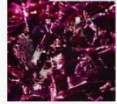
Note. Values are mean (standard deviation) or number of participants (%). Green shading reflects lower energy foods and red shading reflects higher energy foods.

Menu Liking Rating Analyses

A mixed ANOVA was used to test the within-subjects effect of food category (lower energy vs higher energy), the between-subjects effect of SEP (lower vs higher educational qualification), and the interaction between food category*SEP on mean liking. There was a main effect of food category $F(1,75) = 61.76, p < .001, \eta^2_p = .452$, with lower rated liking for lower energy foods (EMM = 4.29, 95% CI: 4.04, 4.53) than higher energy foods (EMM = 4.98, 95% CI: 4.77, 5.18), although both were liked. There was no main effect of SEP or interaction between SEP and food category on mean liking ($ps > .70, \eta^2_{ps} < .002$). To further test whether differences in liking for higher/lower energy foods translated into differences in liking for the control vs increased availability menu, a mixed ANOVA was used to test the within-subjects effects of menu type (control vs. increased availability), the between-subject effect of SEP (lower vs higher educational qualification), and the interaction between menu*SEP on mean liking. There was a main effect of menu $F(1,75) = 20.26, p < .001, \eta^2_p = .213$, with lower rated liking for the increased availability menu (EMM = 4.53, 95% CI: 4.32, 4.76) than the control menu (EMM = 4.75, 95% CI: 4.54, 4.96), although both were well liked. There was no main effect of SEP or interaction between SEP and menu on mean liking ($ps > .54, \eta^2_{ps} < .005$).

Supplementary Figure S1. *Control (top panel) and Increased Availability (bottom panel) menus with lower energy mains and sides highlighted in green*

 <p>Sausage & Mash 450g Cumberland sausages in an onion gravy with mashed potato and roasted onions.</p>	 <p>Cod Mornay With Mash & Peas 380g Cooked cod (Gadus morhua) in a creamy sauce with mashed potato and peas.</p>	 <p>Beef Stroganoff 450g Marinated beef in a single cream, mushroom, white wine and brandy sauce with long grain and wild rice.</p>	 <p>Chunky Chips 449g Chunky oven chips in a crispy batter coating.</p>	 <p>Red Cabbage & Apple 300g Shredded red cabbage, apple and redcurrant jelly with red wine and spices.</p>	 <p>Crispy Roast Potatoes 450g Cooked potatoes with butter, salt and white pepper.</p>
 <p>Sausage Pasta 400g Conchiglie pasta with minced sausage meat in a tomato sauce topped with cheese and parsley.</p>	 <p>Macaroni Cheese 450g Macaroni pasta in cheese sauce topped with mature Cheddar cheese.</p>	 <p>Irish Stew 300g Irish stew with vegetables, mutton and pearl barley.</p>	 <p>Carrot & Swede Mash 450g Mashed potato with carrot, swede, butter and cream.</p>	 <p>Potato Dauphinoise 400g Sliced potatoes in a cream and garlic sauce topped with mature Emmental medium fat hard cheese.</p>	 <p>Carrot, Sweetcorn & Peas 355g Layered peas, sweetcorn and carrot with a salted black pepper butter.</p>
 <p>Chicken Jambalaya 385g Red and yellow peppers with cooked rice, chicken breast and smoked bacon in a seasoned white wine stock with herbs and spices.</p>	 <p>Pulled Beef & Cheese Mash 450g Pulled beef in bourbon gravy served with mashed potato and onion.</p>	 <p>Chicken & Black Bean with Rice 450g Chicken breast pieces in a black bean and garlic sauce with red and green peppers and cooked rice, peas and scrambled egg.</p>			
 <p>Spaghetti Bolognese 450g Spaghetti pasta in a minced beef, tomato and red wine sauce.</p>					

 <p>Cod Mornay With Mash & Peas 380g Cooked cod (Gadus morhua) in a creamy sauce with mashed potato and peas.</p>	 <p>Shepherd's Pie 450g Minced lamb with onion and carrots in gravy topped with mashed potatoes.</p>	 <p>Prawn Linguine 360g Cooked linguine pasta with cooked and peeled prawns in a white wine and lemon sauce.</p>	 <p>Carrot, Sweetcorn & Peas 355g Layered peas, sweetcorn and carrot with a salted black pepper butter.</p>	 <p>Peas & Carrots 300g Peas and carrots with a herb infused butter.</p>	 <p>Carrot & Swede Mash 450g Mashed potato with carrot, swede, butter and cream.</p>
 <p>Sausage Pasta 400g Conchiglie pasta with minced sausage meat in a tomato sauce topped with cheese and parsley.</p>	 <p>Chicken Jambalaya 385g Red and yellow peppers with cooked rice, chicken breast and smoked bacon in a seasoned white wine stock with herbs and spices.</p>	 <p>Spaghetti Bolognese 450g Spaghetti pasta in a minced beef, tomato and red wine sauce.</p>	 <p>Chunky Chips 449g Chunky oven chips in a crispy batter coating.</p>	 <p>Red Cabbage & Apple 300g Shredded red cabbage, apple and redcurrant jelly with red wine and spices.</p>	 <p>Cauliflower Cheese 350g Cauliflower florets in a cheese sauce topped with mature Cheddar cheese.</p>
 <p>Irish Stew 300g Irish stew with vegetables, mutton and pearl barley.</p>	 <p>Mushroom Risotto 385g Cooked risotto rice with mushroom in a cream and white wine sauce topped with spinach.</p>	 <p>Chicken in Mushroom Sauce 370g Chicken breast in mushroom and white wine sauce with baby potatoes.</p>			
 <p>Chicken & Black Bean with Rice 450g Chicken breast pieces in a black bean and garlic sauce with red and green peppers and cooked rice, peas and scrambled egg.</p>					

2. Participant Measures

2.1 Highest educational qualification

The primary measure of SEP in this study was highest educational qualification, coded from 1 to 9 (1 = No formal qualifications; 2 = 1–3 GCSEs; 3 = 4+ GCSEs; 4 = A level; 5 = Certificate of higher education (CertHE); 6 = Diploma of higher education (DipHE); 7 = Bachelor; 8 = Master’s degree; 9 = Doctorate). This was categorised as a binary variable: “lower” (values: 1, 2, 3, 4; A level/equivalent or less) or “higher” (values: 5, 6, 7, 8, 9; qualifications beyond A level).

2.2. Additional measures of SEP

A composite score of level of education was created (highest educational qualification and number of years in higher education z-scored and averaged). Number of years in higher education was measured by asking participants ‘*After leaving school (i.e. at 16 years old), how many further years of higher education (i.e. a formal course) did you study for? If you left school and did not go on to study further in higher education, your answer would be 0. If you left school and then studied for two years for A levels, your answer would be 2. If you completed A levels over two years and then also studied for a three year undergraduate degree, your answer would be 5.*’.

Equivalised disposable income was calculated from the question asking participants ‘*What is your annual after tax household income, including all earners in your household, in GBP (to the nearest £1000)? (range £ 0 - 999,999)*’ and participants also reported on household composition (‘*Thinking about all of the people who live at your house, including you: How many adult(s) or children aged 14 and over live at your house? How many child(ren) under the age of 14 live at your house?*’). The OECD-modified equivalence scale was used to adjust household income taking into account household size and composition. Equivalised household income was calculated by dividing the after-tax household (including all earners to the nearest –£1000) by the sum of the equivalence value of all the household members (1 = first adult; 0.5 = additional adult or child >14 years old; 0.3 = child aged 0-13 years old).

Subjective social status (SSS) was assessed the MacArthur Scale, rated from 1 (lower SSS) – 10 (higher SSS).

2.3 Demographic and personal characteristics

We measured gender, age, ethnic group, employment/student status, dieting status (Yes/no), physical activity level (number of days in the last week), and ready meal consumption frequency (“never or not in the last year”, “less than once per month”, “1-3 times per month”, “1-2 times per week”, “3 times per week or more”). We also assessed BMI calculated in kg/m^2 from participant self-reported weight and height.

3. Study Sample Size

A recent review suggested increasing availability of healthier options may reduce food intake by 17-36% (Hollands et al., 2019). To be conservative, and in the context of the menus designed in the current study (energy content of the food items on Menu 1 and Menu 2 differs by ~ 120kcal; SD = 181kcal), we powered the study to detect a difference of 60kcal, or 14% (based on the mean number of menu kcals for main and side combined), on outcome measures, assuming SD = 181kcal, giving $f = .17$. Sample size calculations were performed in G*Power. Assuming 80% power, with alpha set at 5%, to detect a main effect of

proportion with an effect size of $f = .17$, with 2 groups and 2 measurements, and correlation among repeated measures set at 0.5, a sample of 70 was required. For the within-between interaction (SEP: higher v lower) x (menu type: control v increased availability), based on previous findings (e.g. Marty et al., 2020), we hypothesised moderation by SEP is unlikely. We therefore powered this analysis to detect the same effect size as above of $f = .17$, also giving a sample of 70 participants would be required. Given likely attrition due to of logistical concerns (missing or incorrect items being received), missing image or diary data, or participants failing consistency/attention checks, we aimed to recruit a total of 88 participants that completed the study.

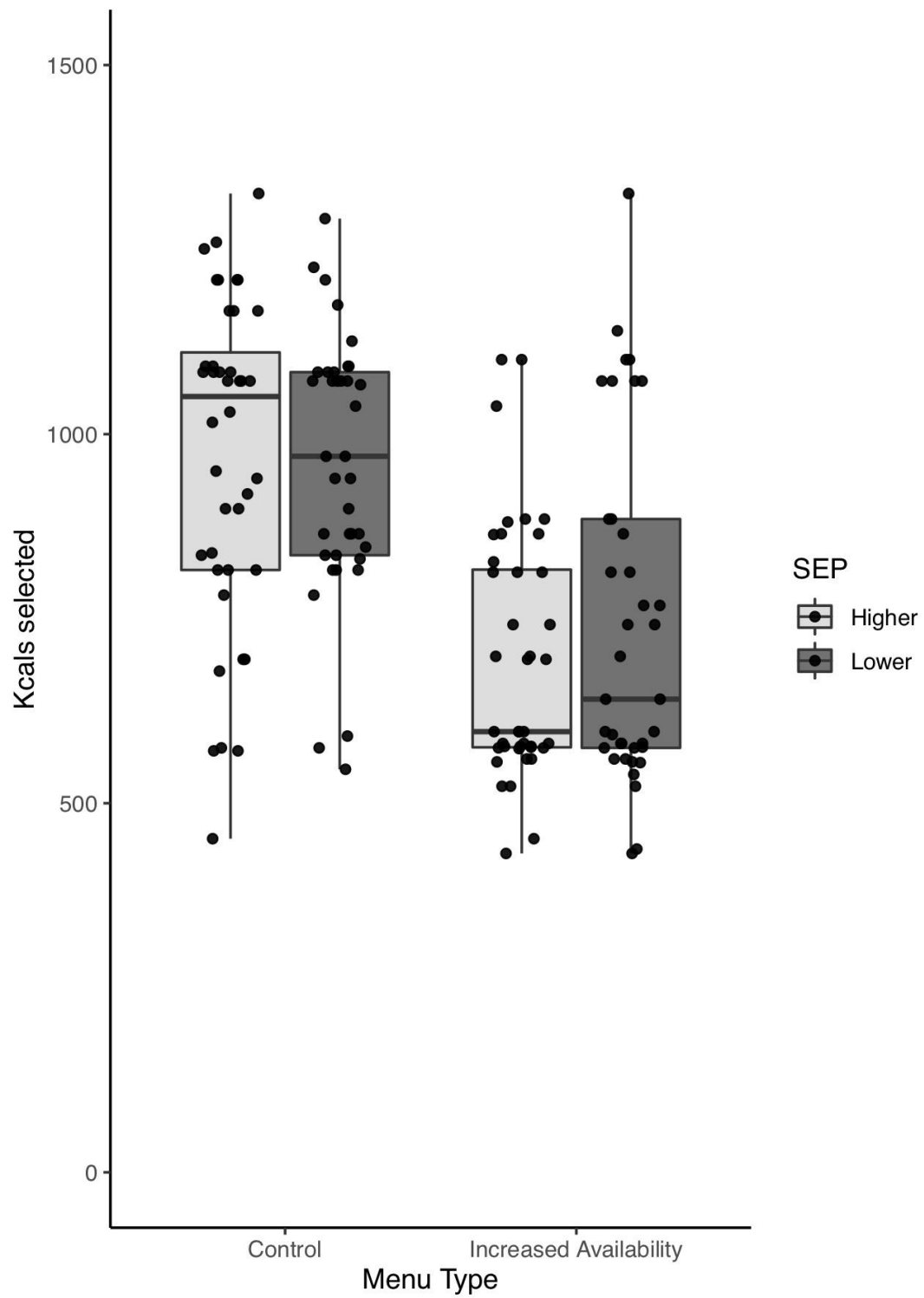
4. Results

4.1 Missing data.

Of the $n = 77$ analysed, for primary and secondary outcome measures there was 98.7% complete data, with 1.3% missing on total kcal consumed (due to unclear photographs of the meal meaning it was too difficult to extract kcal consumed) for the control meal, and 100% complete data on all other primary or secondary outcome measures. Given the small amount of missing data, multiple imputation was not conducted, and data was analysed on complete cases only for total kcal consumed (i.e. $N = 76$). All other analyses involved the full sample $N = 77$.

4.2 Impact of menu type and SEP on kcal selected

A mixed ANOVA was conducted to examine the within-subject effect of menu type (control vs. increased availability), the between-subject effect of SEP (higher vs lower), and the interaction menu*SEP on total kcal selected. The ANOVA revealed a main effect of menu type on total kcal selected, with fewer kcal selected from the increased availability menu vs the control menu, $F(1,75) = 66.04, p < .001, \eta^2_p = .47$. There was no main effect of SEP on total kcal selected, $F(1,75) = 0.32, p = .57, \eta^2_p = .004$, and no interaction between Menu and SEP on total kcal selected, $F(1,75) = 1.18, p = .28, \eta^2_p = .016$. The Bayes factor for the main effect of menu type was $BF_{10} > 100$, indicative of extreme evidence for the alternative hypothesis. The Bayes factor for the main effect of SEP was $BF_{10} = 0.24$, indicative of moderate support for the null hypothesis. Finally, the Bayes factor for the menu * SEP interaction was $BF_{10} = 0.41$, indicative of anecdotal support for the null hypothesis.

Supplementary Figure S3: *Meal kcal selected by menu condition and SEP*

4.3 Sensitivity Analyses for Primary Outcomes

4.3.1 Alternative measures of SEP

To assess the robustness of the primary findings, the analyses were repeated ($n = 77$), substituting SEP (higher education level, lower education level) with other measures of SEP collected in this study: level of education (number of years in higher education plus qualifications achieved), equivalised household income, and subjective socioeconomic status. Results were consistent with the primary analysis when substituting SEP with level of education predicting total kcal selected and total kcal consumed; there were main effects of menu ($ps < .001$, $\eta^2_{ps} > .387$), level of education did not predict total kcal selected nor consumed ($ps > .333$, $\eta^2_{ps} < .013$), and there were no interactions ($ps > .28$, $\eta^2_{ps} < .016$). Results were also consistent with the primary analysis when substituting SEP with equivalised household income predicting total kcal selected and total kcal consumed; there were main effects of menu ($ps < .001$, $\eta^2_{ps} > .219$), income did not predict total kcal selected nor consumed ($ps > .561$, $\eta^2_{ps} < .005$), and there were no interactions ($ps > .148$, $\eta^2_{ps} < .028$). Results were largely consistent when substituting SEP with SSS predicting total kcal selected and total kcal consumed; though there was no longer a main effect of menu on total kcal selected ($p = .06$, $\eta^2_p = .047$), there was a main effect of menu on total kcal consumed ($p = .004$, $\eta^2_p = .108$), SSS did not predict total kcal selected nor consumed ($ps > .500$, $\eta^2_{ps} < .006$), and there were no interactions ($ps > .185$, $\eta^2_{ps} < .024$).

4.3.2 Removing study aim guessers

The primary analyses were repeated after removing participants who correctly identified the aims of the study ($n = 0$) or the aim of the study outcome measures (i.e. to measure the healthiness of their food selection, calories consumed, how much was eaten etc; $n = 10$), leaving a total sample for this sensitivity analysis of $n = 67$ for total kcal selected and $n = 66$ for total kcal consumed. The results of these analyses were consistent with the primary analysis on total kcal selected and total kcal consumed; there were main effects of menu ($ps < .001$; $\eta^2_{ps} > .393$), no main effects of SEP ($ps > .635$, $\eta^2_{ps} < .003$), and no interactions ($ps > .10$, $\eta^2_{ps} < .041$).

4.3.3 Retaining participants who did not adhere to the study instructions

The primary analyses were repeated after retaining those who were excluded for not following the study procedures, leaving the full sample of completers for this sensitivity analysis of $n = 88$ for total kcal selected and $n = 87$ for total kcal consumed. The results of these analyses were consistent with the primary analyses on total kcal selected and total kcal consumed; there were main effects of menu ($ps < .001$, $\eta^2_{ps} > .371$), no main effects of SEP ($ps > .792$, $\eta^2_{ps} < .001$), and no interactions ($ps > .152$, $\eta^2_{ps} < .024$).

4.3.4 Excluding participants who received incorrect items

The primary analyses were repeated after removing participants who received items that differed in cuisine or category (e.g. lower energy item rather than higher energy item; $n = 6$) and participants who received items which they rated poorly ($n = 2$), leaving a total sample for the sensitivity analysis of $n = 69$ for total kcal selected and $n = 68$ for total kcal consumed. The results of these analyses were consistent with the primary analysis on total kcal selected and total kcal consumed; there were main effects of menu ($ps < .001$; $\eta^2_{ps} > .388$), no main effects of SEP ($ps > .548$; $\eta^2_{ps} < .005$), and no interactions ($ps > .208$; $\eta^2_{ps} < .039$).

4.3.5 Controlling for order effects

The primary analyses were repeated adjusting for order menus presented (Control Menu first vs Increased Availability Menu first) and order meals consumed (Control Meal first vs Increased Availability Meal first) as a between-subjects variable in the model. Although participants were asked to eat the meals in the same order as they were shown the menus, $n = 2$ ate them the wrong way around. A 2 (Control Menu first vs Increased Availability Menu first) \times 2 (Control Menu vs Increased Availability Menu) \times 2 (Lower SEP vs Higher SEP) mixed ANOVA revealed a main effect of Menu ($p < .001$, $\eta^2_p = .468$), no order effect, no effect of SEP, and no interactions ($ps > .290$, $\eta^2_{ps} < .015$), on total kcal selected. A 2 (Control Meal first vs Increased Availability Meal first) \times 2 (Control Meal vs Increased Availability Meal) \times 2 (Lower SEP vs Higher SEP) mixed ANOVA also revealed a main effect of Menu ($p < .001$, $\eta^2_p = .396$), no order effect, no effect of SEP, and no interactions ($ps > .145$, $\eta^2_{ps} < .029$), on total kcal consumed.

4.4. Impact of menu and SEP on later energy consumed

4.4.1 No participants removed

A mixed ANOVA was conducted to examine the within-subject effect of Menu (Control vs Increased Availability), the between-subject effect of SEP (higher vs lower), and the interaction Menu*SEP on compensatory kcal consumed (self-reported kcal consumed after the study meal until midnight the following night). Although compensatory kcal consumed was higher after the Increased Availability meal, the ANOVA revealed no main effect of Menu on compensatory kcal consumed, $F(1,75) = 1.78$, $p = .19$, $\eta^2_p = .023$. The pattern of findings indicated that lower SEP individuals reported fewer kcal consumed after the study meal, though there was no statistical evidence of a main effect of SEP on compensatory kcal consumed, $F(1,75) = 3.13$, $p = .081$, $\eta^2_p = .04$, and no interaction between Menu and SEP on compensatory kcal consumed, $F(1,75) = 0.28$, $p = .60$, $\eta^2_p = .004$.

4.4.2 Conservative sensitivity analysis

Implausible daily calorie intake values were defined as outside of the following ranges: 500-3500kcal (females) and 800-4200kcal (males), with standardised/crude cut offs based on a review of previous research. The pattern of findings was consistent with the main secondary analysis, with no main effect of Menu, SEP and no interaction Menu*SEP ($ps > .320$).

4.5 Individual difference measures and the effect of menu type on kcal selected/consumed

There was no evidence of a difference between higher SEP and lower SEP individuals on food choice motives around health ($t(75) = 0.644$, $p = .521$, $d = .146$), food choice motives around weight control ($t(75) = 1.371$, $p = .174$, $d = .313$), satiety responsiveness ($t(75) = -0.532$, $p = .596$, $d = .121$), plate clearing tendencies ($t(75) = -0.068$, $p = .946$, $d = .016$), or food waste concern ($t(75) = 0.031$, $p = .976$, $d = .007$). Five mixed ANOVA were conducted predicting meal energy selected, examining the within-subject effect of menu type, each individual difference measure as a covariate, and the interaction between menu type and each individual difference measure. The ANOVA on the effect of menu type, food waste concerns and the interaction revealed that higher food waste concern predicted a greater number of kcal selected $F(1,75) = 7.68$, $p = .007$, $\eta^2_p = .093$. This model also revealed that fewer kcal were selected from the increased availability menu, $F(1,75) = 15.41$, $p < .001$, $\eta^2_p = .170$, though there was no evidence of an interaction ($p = .045$, $\eta^2_p = .053$). The other four ANOVA revealed no main effects of menu type ($ps > .015$, $\eta^2_{ps} < .077$), no main effect of the individual difference measures ($ps > .389$, $\eta^2_{ps} < .010$), and no interactions between the individual difference measure and menu type predicting total kcal selected ($ps > .404$, $\eta^2_{ps} <$

.009). Five mixed ANOVA were conducted predicting total meal energy consumed, examining the within-subject effect of menu type, each individual difference measure as a covariate, and the interaction between menu type and each individual difference measure. The two ANOVA on the effects of food choice motives (health, weight control) found no evidence that food choice motives predicted total meal energy consumed ($ps > .565$, $\eta^2_{ps} = .004$), a main effect of menu when adjusting for FCM health ($p = .009$, $\eta^2_p = .089$), no main effect of menu when adjusting for FCM weight control ($p = .112$, $\eta^2_p = .034$), and no interactions between menu and food choice motives ($ps > .291$, $\eta^2_p < .015$). In the remaining three ANOVAs, each of the three models revealed that the individual difference measure predicted total meal energy consumed, with increased kcal consumed predicted by higher satiety responsiveness ($F(1,74) = 10.12$, $p = .002$, $\eta^2_p = .119$), increased plate clearing tendencies ($F(1,74) = 15.68$, $p < .001$, $\eta^2_p = .173$), and increased food waste concern ($F(1,74) = 16.09$, $p < .001$, $\eta^2_p = .177$). The model including satiety responsiveness found a main effect of menu type ($F(1,74) = 7.11$, $p = .009$, $\eta^2_p = .088$), as did the model including food waste concern ($F(1,74) = 10.30$, $p = .002$, $\eta^2_p = .122$), but the model including plate clearing did not ($p = .039$, $\eta^2_p = .056$), and no interactions were observed between the individual difference measures and menu type ($ps > .105$, $\eta^2_{ps} < .035$).

Supplementary Table S3: Individual difference measures, split by SEP group and overall

	Lower SEP (n = 37)	Higher SEP (n = 40)	Overall (N = 77)
Food choice motives			
Heath	2.93 (0.795)	2.82 (0.662)	2.87 (0.726)
Weight control	2.84 (0.874)	2.57 (0.861)	2.70 (0.872)
Satiety Responsiveness	2.22 (0.952)	2.33 (0.840)	2.27 (0.891)
Plate clearing tendencies	3.96 (0.862)	3.97 (0.842)	3.96 (0.846)
Food waste concerns	3.41 (0.842)	3.41 (0.815)	3.41 (0.822)

Notes. Values are means (standard deviation). Higher scale score indicate greater endorsement; food choice motives scales: health, weight control (1-5), satiety responsiveness scale (1-5), plate clearing tendencies scale (1-5) and food waste concerns scale (1-5)

5. References

- Hollands, G. J., Carter, P., Anwer, S., King, S. E., Jebb, S. A., Ogilvie, D., ... & Marteau, T. M. (2019). Altering the availability or proximity of food, alcohol, and tobacco products to change their selection and consumption. *Cochrane Database of Systematic Reviews*, (9).
- Marty, L., Jones, A., & Robinson, E. (2020). Socioeconomic position and the impact of increasing availability of lower energy meals vs. menu energy labelling on food choice: two randomized controlled trials in a virtual fast-food restaurant. *International Journal of Behavioral Nutrition and Physical Activity*, 17(1), 1-11.