

Testing ordering interventions: References

- Bar-Hillel, M. (2015). Position Effects in Choice From Simultaneous Displays: A Conundrum Solved. *Perspectives on Psychological Science*, 10(4), 419–433. <https://doi.org/10.1177/1745691615588092>
- Bates, D., Kliegl, R., Vasishth, S., & Baayen, H. (2018). Parsimonious Mixed Models. ArXiv:1506.04967 [Stat]. <http://arxiv.org/abs/1506.04967>
- Blackford, B. (2021). Nudging interventions on sustainable food consumption: A systematic review. *The Journal of Population and Sustainability*, 5. <https://doi.org/10.3197/jps.2021.5.2.17>
- Bovens, L. (2009). The Ethics of Nudge. In T. Grüne-Yanoff & S. O. Hansson (Eds.), *Preference Change: Approaches from Philosophy, Economics and Psychology* (pp. 207–219). Springer Netherlands. https://doi.org/10.1007/978-90-481-2593-7_10
- Bruns, H., Kantorowicz-Reznichenko, E., Klement, K., Luistro Jonsson, M., & Rahali, B. (2018). Can nudges be transparent and yet effective? *Journal of Economic Psychology*, 65, 41–59. <https://doi.org/10.1016/j.joep.2018.02.002>
- Bruns, H., & Paunov, Y. (2021). Why Policymakers Should Be Transparent About the Behavioural Interventions They Use: A Systematic, Policy-Oriented Review (SSRN Scholarly Paper ID 3948978). Social Science Research Network. <https://doi.org/10.2139/ssrn.3948978>
- Bunten, A., Porter, L., Sanders, J. G., Sallis, A., Riches, S. P., Schaik, P. V., González-Iraizoz, M., Chadborn, T., & Forwood, S. (2021). A randomised experiment of health, cost and social norm message frames to encourage acceptance of swaps in a simulation online supermarket. *PLOS ONE*, 16(2), e0246455. <https://doi.org/10.1371/journal.pone.0246455>
- Bunten, A., Shute, B., Golding, S. E., Charlton, C., Porter, L., Willis, Z., Gold, N., Saei, A., Tempest, B., Sriitharan, N., Arambepola, R., Yau, A., & Chadborn, T. (2022). Encouraging healthier grocery purchases online: A randomised controlled trial and lessons learned. *Nutrition Bulletin*, 0(0), 1–13. <https://doi.org/10.1111/nbu.12552>
- Cheung, T. T. L., Gillebaart, M., Kroese, F. M., Marchiori, D., Fennis, B. M., & De Ridder, D. T. D. (2019). Cueing healthier alternatives for take-away: A field experiment on the effects of (disclosing) three nudges on food choices. *BMC Public Health*, 19(1), 974. <https://doi.org/10.1186/s12889-019-7323-y>
- Dayan, E., & Bar-Hillel, M. (2011). *Nudge to nobesity II: Menu positions influence food orders*. *Judgment and Decision Making*, 6, 333–342. Department of Health and Social Care. (2016). *Front of Pack nutrition labelling guidance*. (gov.uk)
- Dimpleby, H. (2021). National Food Strategy: The Plan [Independent Review]. <https://www.nationalfoodstrategy.org/wp-content/uploads/2021/07/National-Food-Strategy-The-Plan-1.pdf>
- Ensaff, H. (2021). A nudge in the right direction: The role of food choice architecture in changing populations' diets. *Proceedings of the Nutrition Society*, 80(2), 195–206. <https://doi.org/10.1017/S0029665120007983>
- Food Standards Agency. (2019). *The Food and You Survey—Wave 5 (p. 96)*. Food Standards Agency. (gov.uk)
- Forwood, S. E., Ahern, A. L., Marteau, T. M., & Jebb, S. A. (2015). Offering within-category food swaps to reduce energy density of food purchases: A study using an experimental online supermarket. *International Journal of Behavioral Nutrition and Physical Activity*,

12(1), 85. <https://doi.org/10.1186/s12966-015-0241-1>

- Fox, E. L., Davis, C., Downs, S. M., McLaren, R., & Fanzo, J. (2021). A focused ethnographic study on the role of health and sustainability in food choice decisions. *Appetite*, 165, 105319. <https://doi.org/10.1016/j.appet.2021.105319>
- Ghvanidze, S., Velikova, N., Dodd, T., & Oldewage-Theron, W. (2017). A discrete choice experiment of the impact of consumers' environmental values, ethical concerns, and health consciousness on food choices: A cross-cultural analysis. *British Food Journal*, 119(4), 863–881. <https://doi.org/10.1108/BFJ-07-2016-0342>
- Goodwin, T. (2012). Why We Should Reject 'Nudge.' *Politics*, 32(2), 85–92. <https://doi.org/10.1111/j.1467-9256.2012.01430.x>
- Grunert, K. G., Hieke, S., & Wills, J. (2014). Sustainability labels on food products: Consumer motivation, understanding and use. *Food Policy*, 44, 177–189. <https://doi.org/10.1016/j.foodpol.2013.12.001>
- Heard, H., & Bogdan, A. (2021). [Healthy and sustainable diets consumer poll \(p. 15\). Food Standards Agency.](#) (gov.uk)
- Hollands, G. J., Carter, P., Anwer, S., King, S. E., Jebb, S. A., Ogilvie, D., Shemilt, I., Higgins, J. P. T., & 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. <https://doi.org/10.1002/14651858.CD012573.pub3>
- Hong, S.-M., & Faedda, S. (1996). Refinement of the Hong Psychological Reactance Scale. *Educational and Psychological Measurement*, 56(1), 173–182. <https://doi.org/10.1177/0013164496056001014>
- Huang, A., Barzi, F., Huxley, R., Denyer, G., Rohrlach, B., Jayne, K., & Neal, B. (2006). The Effects on Saturated Fat Purchases of Providing Internet Shoppers with Purchase-Specific Dietary Advice: A Randomised Trial. *PLOS Clinical Trials*, 1(5), e22. <https://doi.org/10.1371/journal.pctr.0010022>
- Jaeger, T. F. (2008). Categorical data analysis: Away from ANOVAs (transformation or not) and towards logit mixed models. *Journal of Memory and Language*, 59(4), 434–446. <https://doi.org/10.1016/j.jml.2007.11.007>
- Jansen, L., van Kleef, E., & Van Loo, E. J. (2021). The use of food swaps to encourage healthier online food choices: A randomized controlled trial. *International Journal of Behavioral Nutrition and Physical Activity*, 18(1), 156. <https://doi.org/10.1186/s12966-021-01222-8>
- Kabacoff, R. (2011). *R in action: Data analysis and graphics with R* (2., corr. printing). Manning.
- Kause, A., Bruine de Bruin, W., Millward-Hopkins, J., & Olsson, H. (2019). Public perceptions of how to reduce carbon footprints of consumer food choices. *Environmental Research Letters*, 14(11), 114005. <https://doi.org/10.1088/1748-9326/ab465d>
- Koutoukidis, D. A., Jebb, S. A., Ordóñez-Mena, J. M., Noreik, M., Tsiountsioura, M., Kennedy, S., Payne-Riches, S., Aveyard, P., & Piernas, C. (2019). Prominent positioning and food swaps are effective interventions to reduce the saturated fat content of the shopping basket in an experimental online supermarket: A randomized controlled trial. *International Journal of Behavioral Nutrition and Physical Activity*, 16(1), 50. <https://doi.org/10.1186/s12966-019-0810-9>
- Kroese, F. M., Marchiori, D. R., & de Ridder, D. T. D. (2016). Nudging healthy food choices: A field experiment at the train station. *Journal of Public Health*, 38(2), e133–e137. <https://doi.org/10.1093/pubmed/fdv096>
- Langen, N., Ohlhausen, P., Steinmeier, F., Friedrich, S., Engelmann, T., Speck, M., Damerau, K., Biege, K., Rohn, H., & Teitscheid, P. (2022). Nudges for more sustainable food choices in the out-of-home catering sector applied in real-world labs. *Resources, Conservation and Recycling*, 180, 106167. <https://doi.org/10.1016/j.resconrec.2022.106167>
- Loewenstein, G., Bryce, C., Hagmann, D., & Rajpal, S. (2015). Warning: You are about to be nudged. *Behavioral Science & Policy*, 1, 35–42.
- Matuschek, H., Kliegl, R., Vasishth, S., Baayen, H., & Bates, D. (2017). Balancing Type I error and power in linear mixed models. *Journal of Memory and Language*, 94, 305–315.

<https://doi.org/10.1016/j.jml.2017.01.001>

- Maynard, N. (2021, March 29). How to help shoppers navigate healthier food choices online. <https://www.igd.com/articles/article-viewer/t/how-to-help-shoppers-navi...>
- McKeivitt, F. (2022, March 29). Inflation starting to drive grocery behaviour as pandemic loosens hold on Brits. <https://www.kantar.com/inspiration/inflation/2022-wp-inflation-starting...>
- Michaelsen, P., Nyström, L., Luke, T. J., & Hedesström, M. (2021). Downstream consequences of disclosing defaults: Influences on perceptions of choice architects and subsequent behavior. *Comprehensive Results in Social Psychology*, 0(0), 1–24. <https://doi.org/10.1080/23743603.2021.1983720>
- Michie, S., van Stralen, M. M., & West, R. (2011). The behaviour change wheel: A new method for characterising and designing behaviour change interventions. *Implementation Science*, 6(1), 42. <https://doi.org/10.1186/1748-5908-6-42>
- Mueller, M., Shonkoff, E., Foltz, S., Anzman-Frasca, S., & Economos, C. (2020). Orders of Healthier Adult Menu Items in a Full-Service Restaurant Chain with a Healthier Children's Menu. *Nutrients*, 12. <https://doi.org/10.3390/nu12113253>
- Nakagawa, S., Johnson, P. C. D., & Schielzeth, H. (2017). The coefficient of determination R² and intra-class correlation coefficient from generalized linear mixed-effects models revisited and expanded. *Journal of The Royal Society Interface*, 14(134), 20170213. <https://doi.org/10.1098/rsif.2017.0213>
- Noggle, R. (2018). Manipulation, salience, and nudges. *Bioethics*, 32(3), 164–170. <https://doi.org/10.1111/bioe.12421>
- Oliver, A. (2013). From Nudging to Budging: Using Behavioural Economics to Inform Public Sector Policy. *Journal of Social Policy*, 42(4), 685–700. <https://doi.org/10.1017/S0047279413000299>
- Osman, M., & Jenkins, S. (2021). Consumer responses to food labelling [Rapid evidence review]. The Food Standards Agency.
- Paunov, Y., Wänke, M., & Vogel, T. (2020). Combining defaults and transparency information to increase policy compliance. *Social Psychology*, 51(5), 354–359. <https://doi.org/10.1027/1864-9335/a000419>
- Poore J. & Nemecek T. (2018). Reducing food's environmental impacts through producers and consumers. *Science*, 360(6392), 987–992. <https://doi.org/10.1126/science.aag0216>
- R Core Team. (2021). R: A language and environment for statistical computing. R Foundation for Statistical Computing, Vienna, Austria. <https://www.R-project.org/>
- Riet, J. van't, Sijtsema, S. J., Dagevos, H., & De Bruijn, G.-J. (2011). The importance of habits in eating behaviour. An overview and recommendations for future research. *Appetite*, 57(3), 585–596. <https://doi.org/10.1016/j.appet.2011.07.010>
- RStudio Team. (2021). RStudio: Integrated Development Environment for R. RStudio, PBC, Boston, MA. <http://www.rstudio.com/>
- Schmidtke, K. A., Watson, D. G., Roberts, P., & Vlaev, I. (2019). Menu positions influence soft drink selection at touchscreen kiosks. *Psychology & Marketing*, 36(10), 964–970. <https://doi.org/10.1002/mar.21248>
- Shakeri, G., & McCallum, C. H. (2021). Envirofy your Shop: Development of a Real-time Tool to Support Eco-friendly Food Purchases Online. *Extended Abstracts of the 2021 CHI Conference on Human Factors in Computing Systems*, 1–10. <https://doi.org/10.1145/3411763.3451713>
- Skinner, G. (2019). Climate change and the weather. Ipsos MORI. <https://www.ipsos.com/en-uk/concern-about-climate-change-reaches-record...>
- Steffel, M., Williams, E. F., & Pogacar, R. (2016). Ethically Deployed Defaults: Transparency and Consumer Protection through Disclosure and Preference Articulation. *Journal of Marketing Research*, 53(5), 865–880. <https://doi.org/10.1509/jmr.14.0421>
- Stuber, J. M., Lakerveld, J., Kievitsbosch, L. W., Mackenbach, J. D., & Beulens, J. W. J. (2022). Nudging customers towards healthier food and beverage purchases in a real-life online supermarket: A multi-arm randomized controlled trial. *BMC Medicine*, 20, 10. <https://doi.org/10.1186/s12916-021-02205-z>

- Thaler, R. H., & Sunstein, C. R. (2009). *Nudge: Improving decisions about health, wealth, and happiness* (Rev. and expanded ed). Penguin Books.
- The Institute of Grocery Distribution. (2021, July 1). UK retail food and grocery market growth to slow sharply in the short term, according to latest IGD market forecasts. <https://www.igd.com/articles/article-viewer/t/uk-retail-food-and-grocer...>
- Wachner, J., Adriaanse, M., & De Ridder, D. (2020). The influence of nudge transparency on the experience of autonomy. *Comprehensive Results in Social Psychology*, 0(0), 1–15. <https://doi.org/10.1080/23743603.2020.1808782>
- Wisdom, J., Downs, J. S., & Loewenstein, G. (2010). Promoting Healthy Choices: Information versus Convenience. *American Economic Journal: Applied Economics*, 2(2), 164–178. <https://doi.org/10.1257/app.2.2.164>
- Zhuo, S., Ratajczak, M., Gold, N., & Thornton, K. (2022, March 7). Does whether an ordering intervention is overt or covert affect sustainable consumption choices in online supermarkets: a randomised controlled trial. Retrieved from osf.io/ehd2j