



Behavioral Economics: Theory and Practice

Course Bibliography

All references are listed in the order of their appearance in the videos/text

*** = recommended reading**

Lesson 1 – Introduction

Behavioral Economics: Some Illustrations (Video)

Larson, F., List, J. A., & Metcalfe, R. D. (2016). *Can myopic loss aversion explain the equity premium puzzle? Evidence from a natural field experiment with professional traders (No. w22605)*. National Bureau of Economic Research. <https://www.nber.org/papers/w22605>.

Sayette, M. A., Loewenstein, G., Griffin, K. M., & Black, J. J. (2008). Exploring the cold-to-hot empathy gap in smokers. *Psychological Science*, 19(9), 926-932. <https://doi.org/10.1111/j.1467-9280.2008.02178.x>.

Ariely, D., Gneezy, U., & Haruvy, E. (2018). Social norms and the price of zero. *Journal of Consumer Psychology*, 28(2), 180-191. <https://doi.org/10.1002/jcpy.1018>.

Johnson, J. G., & Busemeyer, J. R. (2010). Decision making under risk and uncertainty. *Wiley Interdisciplinary Reviews: Cognitive Science*, 1(5), 736-749. <https://doi.org/10.1002/wcs.76>.

* Thaler, R. H. (2018). From cashews to nudges: The evolution of behavioral economics. *The American Economic Review*, 108(6), 1265-1287. <https://www.jstor.org/stable/26528009>. [Google Scholar]

* Thaler, R. H. (2015). *Misbehaving: The making of behavioral economics*. WW Norton & Company. <https://books.google.com/books?id=xQedBAAAQBAJ>.

Samson, A., & Voyer, B. G. (2012). Two minds, three ways: Dual system and dual process models in consumer psychology. *AMS Review*, 2, 48-71. <https://doi.org/10.1007/s13162-012-0030-9>.

Rational Choice in Standard Economic Theory (Text)

* Weintraub, E. R. (2007). Neoclassical economics. *The Concise Encyclopedia of Economics*. <http://www.econlib.org/library/Enc1/NeoclassicalEconomics.html>.

Becker, G. S. (1978). *The economic approach to human behavior*. University of Chicago Press. https://books.google.com/books/about/The_Economic_Approach_to_Human_Behavior.html?id=qQAZnc-mMSoC.

Lesson 2 – The Relativity of Choice

Introduction to the Relativity of Choice (Text)

Ariely, D. (2015). Behavioral economics: An exercise in design and humility. In A. Samson (Ed.), *The behavioral economics guide 2015 (with an introduction by Dan Ariely)* (pp. V-X).

<http://www.behavioraleconomics.com/be-guide/the-behavioral-economics-guide-2015>.

Prospect Theory, Loss Aversion and Reference Dependence (Video)

* Kahneman, D., & Tversky, A. (1979). Prospect theory: An analysis of decision under risk. *Econometrica*, 47, 263-291. <https://doi.org/10.2307/1914185>. [Google Scholar]

Tversky, A., & Kahneman, D. (1974). Judgment under uncertainty: Heuristics and biases. *Science*, 185(4157), 1124-1131. <https://doi.org/10.1126/science.185.4157.1124>.

Attema, A. E., Brouwer, W. B., l'Haridon, O., & Pinto, J. L. (2016). An elicitation of utility for quality of life under prospect theory. *Journal of Health Economics*, 48, 121-134.

<https://doi.org/10.1016/j.jhealeco.2016.04.002>.

Pope, D. G., & Schweitzer, M. E. (2011). Is Tiger Woods loss averse? Persistent bias in the face of experience, competition, and high stakes. *American Economic Review*, 101(1), 129-57.

<https://www.aeaweb.org/articles?id=10.1257/aer.101.1.129>.

Prospect Theory, Loss Aversion and Reference Dependence (Text)

Pettit, N. C., Doyle, S. P., Lount Jr, R. B., & To, C. (2016). Cheating to get ahead or to avoid falling behind? The effect of potential negative versus positive status change on unethical behavior. *Organizational Behavior and Human Decision Processes*, 137, 172-183. <https://doi.org/10.1016/j.obhdp.2016.09.005>.

Gächter, S., Orzen, H., Renner, E., & Starmer, C. (2009). Are experimental economists prone to framing effects? A natural field experiment. *Journal of Economic Behavior & Organization*, 70, 443-446.

<https://doi.org/10.1016/j.jebo.2007.11.003>.

Homonoff, T. A. (2018). Can small incentives have large effects? The impact of taxes versus bonuses on disposable bag use. *American Economic Journal: Economic Policy*, 10(4), 177-210.

<https://www.aeaweb.org/articles?id=10.1257/pol.20150261>.

Examples from the Psychology of Value and Price (Video)

* Ariely, D. (2008). *Predictably irrational*. HarperCollins.

https://books.google.com/books/about/Predictably_Irrational.html?id=lwKRgkLNgXsC.

Ariely, D., Loewenstein, G., & Prelec, D. (2003). "Coherent arbitrariness": Stable demand curves without stable preferences. *The Quarterly Journal of Economics*, 118(1), 73-106.

<https://doi.org/10.1162/00335530360535153>.

Shampanier, K., Mazar, N., & Ariely D. (2007). Zero as a special price: The true value of free products. *Marketing Science*, 26, 742-757. <https://psycnet.apa.org/doi/10.1287/mksc.1060.0254>.

Slaughter, J. E., Bagger, J., & Li, A. (2006). Context effects on group-based employee selection decisions. *Organizational Behavior and Human Decision Processes*, 100(1), 47-59.

<https://psycnet.apa.org/doi/10.1016/j.obhdp.2006.01.003>.

Simonson, I. (1989). Choice based on reasons: The case of attraction and compromise effects. *Journal of Consumer Research*, 16(2), 158-174. <https://psycnet.apa.org/doi/10.1086/209205>.

Stoffel, S. T., Yang, J., Vlaev, I., & von Wagner, C. (2019). Testing the decoy effect to increase interest in colorectal cancer screening. *PLOS ONE*, 14(3), e0213668. <https://doi.org/10.1371/journal.pone.0213668>.

Examples from the Psychology of Value and Price (Text)

Yoon, S., & Fong, N. (2019). Uninformative anchors have persistent effects on valuation judgments. *Journal of Consumer Psychology*, 29(3), 391-410. <https://doi.org/10.1002/jcpy.1091>.

Stigler, G. J. (1950). The development of utility theory. *Journal of Political Economy*, 58(4), 307-327. <https://doi.org/10.1086/256962>.

Lichtenstein, S., & Slovic, P. (1973). Reversals of preference between bids and choices in gambling decisions. *Journal of Experimental Psychology*, 89(1), 46-55. <https://psycnet.apa.org/doi/10.1037/h0031207>.

Von Neumann, J., & Morgenstern, O. (1947). *The theory of games and economic behavior*. Princeton University Press. https://books.google.com/books/about/Theory_of_Games_and_Economic_Behavior.html?id=jCN5aNJ-n-0C.

Kahneman, D., Knetsch, J. L., & Thaler, R. H. (1991). Anomalies: The endowment effect, loss aversion, and status quo bias. *Journal of Economic Perspectives*, 5(1), 193-206. <https://doi.org/10.1257/jep.5.1.193>.

Mental Accounting (Video)

Thaler, R. H., & Ganser, L. J. (2015). *Misbehaving: The making of behavioral economics*. WW Norton.

* Thaler, R. H. (1999). Mental accounting matters. *Journal of Behavioral Decision Making*, 12, 183-206. [https://doi.org/10.1002/\(SICI\)1099-0771\(199909\)12:3%3C183::AID-BDM318%3E3.0.CO;2-F](https://doi.org/10.1002/(SICI)1099-0771(199909)12:3%3C183::AID-BDM318%3E3.0.CO;2-F). [Google Scholar]

Thaler, R. H. (1985). Mental accounting and consumer choice. *Marketing Science*, 4(3), 199-214. <https://doi.org/10.1287/mksc.4.3.199>.

Priolo, G., Stablum, F., Vacondio, M., D'Ambrogio, S., Caserotti, M., Conte, B., ... Rubaltelli, E. (2023). *The robustness of mental accounting: A global perspective*. <https://doi.org/10.31219/osf.io/apc26>.

Mental Accounting (Text)

Zhang, C. Y., & Sussman, A. B. (2018). Perspectives on mental accounting: An exploration of budgeting and investing. *Financial Planning Review*, 1(1-2), e1011. <https://doi.org/10.1002/cfp2.1011>.

Giusti, A. C. (2020, September 28). 5 reasons to have multiple savings accounts. *Bankrate.com*. <https://www.bankrate.com/banking/savings/reasons-multiple-savings-accounts/>.

Lesson 3 – Bounded Rationality and Information (Part 1)

Lesson 3 Introduction

Camerer, C. F., Loewenstein, G., & Rabin, M. (2004). *Advances in behavioral economics*. Princeton University Press. <https://books.google.com/books?hl=en&lr=&id=xWKYDwAAQBAJ>.

Simon, H. A. (1982). *Models of bounded rationality*. MIT Press.
<https://books.google.com/books?hl=en&lr=&id=9CiwU28z6WQC>.

Too Much Information: Complexity and Choice Overload (Video)

Schwartz, B. (2004). *The paradox of choice: Why more is less*. Ecco.
https://books.google.com/books/about/The_Paradox_of_Choice.html?id=zutxr7rGc_QC.

* Iyengar, S., & Lepper, M. (2000). When choice is demotivating: Can one desire too much of a good thing? *Journal of Personality and Social Psychology*, 79, 995-1006. <https://psycnet.apa.org/doi/10.1037/0022-3514.79.6.995>. [Google Scholar]

Misuraca, R., Nixon, A. E., Miceli, S., Di Stefano, G., & Scaffidi Abbate, C. (2024). On the advantages and disadvantages of choice: Future research directions in choice overload and its moderators. *Frontiers in Psychology*, 15, 1290359. <https://doi.org/10.3389/fpsyg.2024.1290359>.

* Chernev, A., Böckenholt, U., & Goodman, J. (2015). Choice overload: A conceptual review and meta-analysis. *Journal of Consumer Psychology*, 25(2), 333-358. <https://doi.org/10.1016/j.jcps.2014.08.002>. [Google Scholar]

Too Much Information: Complexity and Choice Overload (Text)

Johnson, E. J., Shu, S. B., Dellaert, B. G. C., Fox, C. R., Goldstein, D. G., Häubl, G., Larrick, R. P., Payne, J. W., Peters, E., Schkade, D., Wansink, B., & Weber, E. U. (2012). Beyond nudges: Tools of a choice architecture. *Marketing Letters*, 23, 487-504. <https://doi.org/10.1007/s11002-012-9186-1>.

Cronqvist, H., & Thaler, R. H. (2004). Design choices in privatized social-security systems: Learning from the Swedish experience. *American Economic Review*, 94(2), 424-428. <https://www.jstor.org/stable/3592922>.

European Commission. (2012). *Key Information Documents (KIDs) for packaged retail investment products: Frequently asked questions*, 2012, http://europa.eu/rapid/press-release_MEMO-12-514_en.htm?locale=en#footnote-4.

Insufficient Information: Heuristics and the Need for Feedback (Video)

* Goldstein, D. G., & Gigerenzer, G. (2002). Models of ecological rationality: the recognition heuristic. *Psychological Review*, 109(1), 75-90. <https://psycnet.apa.org/doi/10.1037/h0092846>. [Google Scholar]

* Thaler, R. H., & Sunstein, C. R. (2021). Introduction. In *Nudge: The final edition* (pp. 1-20). Penguin Books. <https://www.google.com/books/edition/Nudge/mzZV9jFLtwC>.

Insufficient Information: Heuristics and the Need for Feedback (Text)

Diclemente, C. C., Marinilli, A. S., Singh, M., & Bellino, L. E., (2001). The role of feedback in the process of health behavior change. *American Journal of Health Behavior*, 25, 217-227. <https://doi.org/10.5993/AJHB.25.3.8>

Brinker, T. J., Brieske, C. M., Esser, S., Klode, J., Mons, U., Batra, A., ... & Schadendorf, D. (2018). A face-aging app for smoking cessation in a waiting room setting: pilot study in an HIV outpatient clinic. *Journal of Medical Internet Research*, 20(8), e10976. <https://doi.org/10.2196/10976>.

Tiefenbeck, V., Goette, L., Degen, K., Tasic, V., Fleisch, E., Lalive, R., & Staake, T. (2018). Overcoming salience bias: How real-time feedback fosters resource conservation. *Management science*, 64(3), 1458-1476. <https://doi.org/10.1287/mnsc.2016.2646>.

Ellsberg, D. (1961). Risk, ambiguity, and the savage axioms. *The Quarterly Journal of Economics*, 75(4), 643-669. <https://doi.org/10.2307/1884324>.

Easley, D., & O'Hara, M. (2009). Ambiguity and nonparticipation: The role of regulation. *The Review of Financial Studies*, 22(5), 1817-1843. <https://doi.org/10.1093/rfs/hhn100>.

Berger, L., Bleichrodt, H., & Eeckhoudt, L. (2013). Treatment decisions under ambiguity. *Journal of Health Economics*, 32, 559-569. <https://doi.org/10.1016/j.jhealeco.2013.02.001>.

Lesson 4 – Bounded Rationality and Information (Part 2)

Introduction to Information Selectivity (Text)

Wason, P. C. (1968). Reasoning about a rule. *Quarterly Journal of Experimental Psychology*, 20(3), 273-281. <https://doi.org/10.1080/14640746808400161>.

Information Selectivity: Limited Attention (Video)

Habla, W., & Muller, P. (2021). Experimental evidence of limited attention at the gym. *Experimental Economics*, 1-29. <https://doi.org/10.1007/s10683-020-09693-5>.

* Dean, M., Kibris, O., & Masatlioglu, Y. (2017). Limited attention and status quo bias. *Journal of Economic Theory*, 169, 93-127. <https://doi.org/10.1016/j.jet.2017.01.009>. [Google Scholar]

Sokolova, T., Seenivasan, S., & Thomas, M. (2020). The left-digit bias: When and why are consumers penny wise and pound foolish?. *Journal of Marketing Research*, 57(4), 771-788. <https://doi.org/10.1177%2F0022243720932532>.

Handel, B. & Schwartzstein, J. (2018). Frictions or mental gaps: what's behind the information we (don't) use and when do we care? *Journal of Economic Perspectives*, 32(1), 155-178. <https://doi.org/10.1257/jep.32.1.155>.

Grubb, M. D., & Osborne, M. (2015). Cellular service demand: Biased beliefs, learning, and bill shock. *American Economic Review* 105(1): 234-271. <https://www.aeaweb.org/articles?id=10.1257/aer.20120283>.

Loewenstein, G., & Wojtowicz, Z. (2023). The economics of attention. *SSRN*. <https://dx.doi.org/10.2139/ssrn.4368304>.

Anderson, S. P., & De Palma, A. (2012). Competition for attention in the information (overload) age. *The RAND Journal of Economics*, 43(1), 1-25. <https://doi.org/10.1111/j.1756-2171.2011.00155.x>.

* Bordalo, P., Gennaioli, N., & Shleifer, A. (2016). Competition for attention. *The Review of Economic Studies*, 83(2), 481-513. <https://doi.org/10.1093/restud/rdv048>. [Google Scholar]

Wu, T. (2017, April 14). The crisis of attention theft: Ads that steal your time for nothing in return. *Wired*. <https://www.wired.com/2017/04/forcing-ads-captive-audience-attention-theft-crime/>.

Information Selectivity: Limited Attention (Text)

Klein, N., & O'Brien, E. (2018). People use less information than they think to make up their minds. *Proceedings of the National Academy of Sciences*, 115(52), 13222-13227. <https://doi.org/10.1073/pnas.1805327115>.

Chetty, R., Looney, A., & Kroft, K. (2009). Salience and taxation: Theory and evidence. *American Economic Review*, 99, 1145-1177. <https://doi.org/10.1257/aer.99.4.1145>.

Rivers, N., & Schaufele, B. (2015). Salience of carbon taxes in the gasoline market. *Journal of Environmental Economics and Management*, 74, 23-36. <https://doi.org/10.1016/j.jeem.2015.07.002>.

Unwanted Information: The Ostrich Effect (Video)

* Golman, R., Hagmann, D., & Loewenstein, G. (2017). Information avoidance. *Journal of Economic Literature*, 55(1), 96-135. <https://www.jstor.org/stable/26303232>. [Google Scholar]

* Karlsson, N., Loewenstein, G., & Seppi, D. (2009). The ostrich effect: Selective attention to information. *Journal of Risk and Uncertainty*, 38, 95-115. <https://doi.org/10.1007/s11166-009-9060-6>. [Google Scholar]

Hilchey, M. D., & Soman, D. (2023). Demand for information about potential wins and losses: Does it matter if information matters?. *Journal of Behavioral Decision Making*, 36(4), e2322. <https://doi.org/10.1002/bdm.2322>.

Unwanted Information: The Ostrich Effect (Text)

Wason, P. C. (1960). On the failure to eliminate hypotheses in a conceptual task. *Quarterly Journal of Experimental Psychology*, 12(3), 129-140. <https://doi.org/10.1080/17470216008416717>.

Oswald, M. E., & Grosjean, S. (2004). Confirmation bias. In R. F. Pohl (Ed.), *Cognitive illusions: A handbook on fallacies and biases in thinking, judgement and memory* (pp. 79-96). Psychology Press. https://books.google.com/books/about/Cognitive_Illusions.html?id=k5gTes7yyWEC.

Lesson 5 – Two Systems of Thought

Introduction to System 1 vs System 2 Thinking (Text)

Frederick, S. (2005). Cognitive reflection and decision making. *Journal of Economic Perspectives*, 19(4), 25-42. <https://doi.org/10.1257/089533005775196732>.

System 1 vs System 2 Thinking: Three Examples (Video)

* Kahneman, D. (2011). *Thinking, fast and slow*. Allen Lane. https://www.google.com/books/edition/Thinking_Fast_and_Slow/AV9x8XakdV0C.

Kahneman, D., & Tversky, A. (1979). Prospect theory: An analysis of decision under risk. *Econometrica*, 47, 263-291. <https://doi.org/10.2307/1914185>.

* Levin, I. P., Schneider, S. L., & Gaeth, G. J. (1998). All frames are not created equal: A typology and critical analysis of framing effects. *Organizational Behavior and Human Decision Processes*, 76, 149-188. <https://doi.org/10.1006/obhd.1998.2804>. [Google Scholar]

Park, C. W., Jun, S. Y., & MacInnis, D. J. (2000). Choosing what I want versus rejecting what I do not want: An application of decision framing to product option choice decisions. *Journal of Marketing Research*, 37(2), 187-202. <https://psycnet.apa.org/doi/10.1509/jmkr.37.2.187.18731>.

Rai, A., Sharif, M. A., Chang, E. H., Milkman, K. L., & Duckworth, A. L. (2023). A field experiment on subgoal framing to boost volunteering: The trade-off between goal granularity and flexibility. *Journal of Applied Psychology*, 108(4), 621-634. <https://psycnet.apa.org/doi/10.1037/apl0001040>.

Duhigg, C. (2012). *The power of habit: Why we do what we do in life and business*. Random House. https://books.google.com/books/about/The_Power_of_Habit.html?id=O1MInVXd_aoC.

* Samuelson, W., & Zeckhauser, R. J. (1988). Status quo bias in decision making. *Journal of Risk and Uncertainty*, 1, 7-59. <https://doi.org/10.1007/BF00055564>. [Google Scholar]

Miceli, A. C., & Suri, G. R. (2023). The role of attention in status quo bias. *Quarterly Journal of Experimental Psychology*, 76(9), 2122-2138. <https://doi.org/10.1177/17470218221136827>.

Dean, M., Kibris, O., & Masatlioglu, Y. (2017). Limited attention and status quo bias. *Journal of Economic Theory*, 169, 93-127. <https://doi.org/10.1016/j.jet.2017.01.009>.

Nebel, J. M. (2015). Status quo bias, rationality, and conservatism about value. *Ethics*, 125(2), 449-476. <https://doi.org/10.1086/678482>.

* Fischhoff, B., Slovic, P., & Lichtenstein, S. (1977). Knowing with certainty: The appropriateness of extreme confidence. *Journal of Experimental Psychology: Human Perception and Performance*, 3(4), 552-564. <https://doi.org/10.1037/0096-1523.3.4.552>. [Google Scholar]

Sharot, T. (2011). The optimism bias. *Current Biology*, 21(23), R941-R945. <https://doi.org/10.1016/j.cub.2011.10.030>.

Pallier, G., Wilkinson, R., Danthiir, V., Kleitman, S., Knezevic, G., Stankov, L., & Roberts, R. D. (2002). The role of individual differences in the accuracy of confidence judgments. *Journal of General Psychology*, 129(3), 257-299. <https://doi.org/10.1080/00221300209602099>.

System 1 vs System 2 Thinking: Three Examples (Text)

Madrian, B., & Shea, D. (2001). The power of suggestion: Inertia in 401(k) participation and savings behavior. *Quarterly Journal of Economics*, 116, 1149-1187. <https://www.jstor.org/stable/2696456>.

Thaler, R. H., & Sunstein, C. (2008). *Nudge: Improving decisions about health, wealth, and happiness*. Yale University Press. <https://books.google.com/books/about/Nudge.html?id=mzZV9jFLtwC>.

Goldstein, D. G., Johnson, E. J., Herrman, A., & Heitmann, M. (2008). Nudge your customers toward better choices. *Harvard Business Review*, 86, 99-105. <https://hbr.org/2008/12/nudge-your-customers-toward-better-choices>.

Miller, D., & Ross, M. (1975). Self-serving biases in the attribution of causality: Fact or fiction? *Psychological Bulletin*, 82, 213-225. <https://psycnet.apa.org/doi/10.1037/h0076486>.

Hoorens, V. (1993). Self-enhancement and superiority biases in social comparison. *European Review of Social Psychology*, 4 (1), 113-139. <https://doi.org/10.1080/14792779343000040>.

McKenna, F. P., Stanier, R. A., & Lewis, C. (1991). Factors underlying illusory self-assessment of driving skill in males and females. *Accident Analysis and Prevention*, 23(2), 45-52. [https://doi.org/10.1016/0001-4575\(91\)90034-3](https://doi.org/10.1016/0001-4575(91)90034-3).

Torngren, G., & Montgomery, H. (2004). Worse than chance? Performance and confidence among professionals and laypeople in the stock market. *The Journal of Behavioral Finance*, 5(3), 148-153. https://doi.org/10.1207/s15427579jpfm0503_3.

What Affects System 1 vs System 2 Processing? (Text)

* Samson, A., & Voyer, B. (2012). Two minds, three ways: Dual system and process models in consumer psychology. *Academy of Marketing Science Review*, 2, 48-71. <https://doi.org/10.1007/s13162-012-0030-9>. [Google Scholar]

Chun, W. Y., & Kruglanski, A. W. (2006). The role of task demands and processing resources in the use of base-rate and individuating information. *Journal of Personality and Social Psychology*, 91(2), 205-217. <https://psycnet.apa.org/doi/10.1037/0022-3514.91.2.205>.

Betsch, T., Plessner, H., Schwieren, C., & Gütig, R. (2001). I like it but I don't know why: a value-account approach to implicit attitude formation. *Personality and Social Psychology Bulletin*, 27(2), 242-253. <https://doi.org/10.1177%2F0146167201272009>.

West, R. F., Toplak, M. E., & Stanovich, K. E. (2008). Heuristics and biases as measures of critical thinking: associations with cognitive ability and thinking dispositions. *Journal of Educational Psychology*, 100(4), 930-941. <https://psycnet.apa.org/doi/10.1037/a0012842>.

Cacioppo, J. T., Petty, R. E., & Morris, K. J. (1983). Effects of need for cognition on message evaluation, recall, and persuasion. *Journal of Personality and Social Psychology*, 45(4), 805-818. <https://psycnet.apa.org/doi/10.1037/0022-3514.45.4.805>.

Cacioppo, J. T., & Petty, R. E. (1982). The need for cognition. *Journal of Personality and Social Psychology*, 42(1), 116-131. <https://psycnet.apa.org/doi/10.1037/0022-3514.42.1.116>.

Schwarz, N., Strack, F., Hilton, D., & Naderer, G. (1991). Base rates, representativeness, and the logic of conversation: the contextual relevance of "irrelevant" information. *Social Cognition*, 9(1), 67-84. <https://psycnet.apa.org/doi/10.1521/soco.1991.9.1.67>.

Ferreira, M. B., Garcia-Marques, L., Sherman, S. J., & Sherman, J. W. (2006). Automatic and controlled components of judgment and decision making. *Journal of Personality and Social Psychology*, 91(5), 797-813. <https://psycnet.apa.org/doi/10.1037/0022-3514.91.5.797>.

Lesson 6 – Bounded Self-Control and Time Biases

Time Discounting and Future Perspectives (Video)

* Frederick, S., Loewenstein, G., & O'Donoghue, T. (2002). Time discounting and time preference: A critical review. *Journal of Economic Literature*, 40, 351-401. <https://www.jstor.org/stable/2698382>. [Google Scholar]

Read, D., & Loewenstein, G. (1995). Diversification bias: Explaining the discrepancy in variety seeking between combined and separated choices. *Journal of Experimental Psychology: Applied*, 1, 34-49. <https://psycnet.apa.org/doi/10.1037/1076-898X.1.1.34>.

* De-Magistris, T., & Gracia, A. (2016). Assessing projection bias in consumers' food preferences. *PloS one*, 11(2), e0146308. <https://doi.org/10.1371/journal.pone.0146308>. [Google Scholar]

Nisbett, R. E., & Kanouse, D. E. (1969). Obesity, food deprivation, and supermarket shopping behavior. *Journal of Personality and Social Psychology*, 12(4), 289-294. <https://doi.org/10.1037/h0027799>.

Loewenstein, G. (2000). Emotions in economic theory and economic behavior. *The American Economic Review*, 90(2), 426-432. <https://www.jstor.org/stable/117263>.

Ozdemir, S., Gonzalez, J. M., Bansal, P., Huynh, V. A., Sng, B. L., & Finkelstein, E. (2024). Getting it right with discrete choice experiments: Are we hot or cold?. *Social Science & Medicine*, 348, 116850. <https://doi.org/10.1016/j.socscimed.2024.116850>.

* Loewenstein, G. (2005). Hot-cold empathy gaps and medical decision-making. *Health Psychology*, 24(Suppl. 4), S49-S56. <https://psycnet.apa.org/doi/10.1037/0278-6133.24.4.S49>. [Google Scholar]

* Wilson, T. D., Gilbert, D. T. (2003). Affective forecasting. *Advances in Experimental Social Psychology*, 35, 345-411. [https://psycnet.apa.org/doi/10.1016/S0065-2601\(03\)01006-2](https://psycnet.apa.org/doi/10.1016/S0065-2601(03)01006-2). [Google Scholar]

Loewenstein, G., O'Donoghue, T., & Rabin, M. (2003). Projection bias in predicting future utility. *Quarterly Journal of Economics*, 118(4), 1209-1248. <https://doi.org/10.1162/003355303322552784>.

Busse, M. R., Pope, D. G., Pope, J. C., & Silva-Risson, J. (2012). Projection bias in the housing and car markets. *NBER Working Paper*. <https://www.nber.org/papers/w18212>.

Time Discounting and Future Perspectives (Text)

Morewedge, C. K., Gilbert, D. T., & Wilson, T. D. (2005). The least likely of times: How remembering the past biases forecasts of the future. *Psychological Science* 16(8), 626-630. <https://doi.org/10.1111/j.1467-9280.2005.01585.x>

Mochon, D., Norton, M. I., & Ariely, D. (2008). Getting off the hedonic treadmill, one step at a time: The impact of regular religious practice and exercise on wellbeing. *Journal of Economic Psychology*, 29, 632-642. <https://doi.org/10.1016/j.joep.2007.10.004>.

Frederick, S., & Loewenstein, G. (1999). Hedonic adaptation. In D. Kahneman, E. Diener, & N. Schwarz (Eds.), *Well-being: The foundations of hedonic psychology* (pp. 302-329). Russell Sage Foundation. <https://books.google.com/books?id=-wIXAwAAQBAJ&lpg=PR5>.

Cialdini, R.B. (2008). *Influence: Science and Practice*, 5th ed. Boston: Pearson. <https://psycnet.apa.org/record/1992-98649-000>.

Sunstein, C. R. (2014). Nudging: A very short guide. *Journal of Consumer Policy*, 37(4), 583-588. <https://doi.org/10.1007/s10603-014-9273-1>.

Giné, X., Karlan, D., & Zinman, J. (2010). Put your money where your butt is: a commitment contract for smoking cessation. *American Economic Journal: Applied Economics*, 2(4), 213-35. <https://www.jstor.org/stable/25760239>.

* Thaler, R. H., & Benartzi, S. (2004). Save More Tomorrow: Using behavioral economics to increase employee saving. *Journal of Political Economy*, 112, S164-S187. <https://doi.org/10.1086/380085>. [Google Scholar]

Hershfield, H. E., Goldstein D. G., Sharpe, W. F., Fox J., Yeykelis, L., Carstensen, L. L., & Bailenson, J. N. (2011). Increasing saving behavior through age-progressed renderings of the future self. *Journal of Marketing Research*, 48, S23–S37. <https://doi.org/10.1509/jmkr.48.SPL.S23>.

Robalino, J. D., Fishbane, A., Goldstein, D. G., & Hershfield, H. E. (2023). Saving for retirement: A real-world test of whether seeing photos of one's future self encourages contributions. *Behavioral Science & Policy*, 9(1), 1-9. <https://doi.org/10.1177/23794607231190607>.

Sheffer, C. E., Mackillop, J., Fernandez, A., Christensen, D., Bickel, W. K., Johnson, M. W., ... & Mathew, M. (2016). Initial examination of priming tasks to decrease delay discounting. *Behavioural Processes*, 128, 144-152. <https://doi.org/10.1016/j.beproc.2016.05.002>.

Stein, J. S., Wilson, A. G., Koffarnus, M. N., Daniel, T. O., Epstein, L. H., & Bickel, W. K. (2016). Unstuck in time: Episodic future thinking reduces delay discounting and cigarette smoking. *Psychopharmacology*, 233(21-22), 3771-3778. <https://doi.org/10.1007/s00213-016-4410-y>.

Lesson 7 – Bounded Self-Interest and Sociality (Part 1)

Behavioral Games: Fairness and Trust (Video)

Guth, W., Schmittberger, R., & Schwarz, B. (1982). An experimental analysis of ultimatum bargaining. *Journal of Economic Behavior and Organization*, 3, 367-388. [https://doi.org/10.1016/0167-2681\(82\)90011-7](https://doi.org/10.1016/0167-2681(82)90011-7).

Fehr, E., & Schmidt, K. M. (1999). A theory of fairness, competition, and cooperation. *The Quarterly Journal of Economics*, 114, 817-868. <https://doi.org/10.1162/003355399556151>.

Camerer, C. (2003). *Behavioral game theory*. Princeton University Press. https://books.google.com/books?id=cr_Xg7cRvdcC&lpg=PP1

Fehr, E., & Schmidt, K. M. (1999). A theory of fairness, competition, and cooperation. *The Quarterly Journal of Economics*, 114, 817-868. <https://doi.org/10.1162/003355399556151>.

* Kahneman, D., Knetsch, J. L., & Thaler, R. (1986). Fairness as a constraint on profit seeking: Entitlements in the market. *The American Economic Review*, 76(4), 728-741. <https://www.jstor.org/stable/1806070>. [Google Scholar]

Cornelissen, T., Himmler, O., & Koenig, T. (2011). Perceived unfairness in CEO compensation and work morale. *Economics Letters*, 110, 45-48. <https://doi.org/10.1016/j.econlet.2010.10.011>.

Heinz, M., Jeworrek, S., Mertins, V., Schumacher, H., & Sutter, M. (2020). Measuring indirect effects of unfair employer behavior on worker productivity: A field experiment. *Economic Journal*, 130, 2546-2568. <https://doi.org/10.1093/ej/ueaa038>.

* Berg, J., Dickhaut, J. & McCabe, K. (1995). Trust, reciprocity, and social history. *Games and Economic Behavior*, 10(1), 122-142. <https://doi.org/10.1006/game.1995.1027>. [Google Scholar]

* Bohnet, I., Greig, F., Herrmann, B., & Zeckhauser, R. (2008). Betrayal aversion: Evidence from Brazil, China, Oman, Switzerland, Turkey, and the United States. *American Economic Review*, 98, 294-310. <https://www.jstor.org/stable/29729972>. [Google Scholar]

Benndorf, V., Müller, S., & Rau, H. A. (2024). The effects of betrayal aversion on effort provision when incentives are fragile. *Management Science*. <https://doi.org/10.1287/mnsc.2021.02405>.

Behavioral Games: Fairness and Trust (Text)

Rushton, J. P. (1984). The altruistic personality. In *Development and maintenance of prosocial behavior* (pp. 271-290). Springer. https://doi.org/10.1007/978-1-4613-2645-8_16.

Piliavin, J. A., & Charng, H. W. (1990). Altruism: A review of recent theory and research. *Annual Review of Sociology*, 16(1), 27-65. <https://doi.org/10.1146/annurev.so.16.080190.000331>.

* Fehr, E., & Gächter, S. (2000). Fairness and retaliation: The economics of reciprocity. *Journal of Economic Perspectives*, 14, 159-181. <https://www.jstor.org/stable/2646924>. [Google Scholar]

Chuan, A., Kessler, J. B., & Milkman, K. L. (2018). Field study of charitable giving reveals that reciprocity decays over time. *Proceedings of the National Academy of Sciences*, 115(8), 1766-1771. <https://doi.org/10.1073/pnas.1708293115>.

Falk, A. (2007). Gift exchange in the field. *Econometrica*, 75, 1501-1511. <https://doi.org/10.1111/j.1468-0262.2007.00800.x>.

Cialdini, R. B., Vincent, J. E., Lewis, S. K., Catalan, J., Wheeler, D., & Darby, B. L. (1975). Reciprocal concessions procedure for inducing compliance: The door-in-the-face technique. *Journal of Personality and Social Psychology*, 31, 206-215. <https://psycnet.apa.org/doi/10.1037/h0076284>.

Lesson 8 – Bounded Self-Interest and Sociality (Part 2)

Social Norms (Video)

Baldwin, M., & Mussweiler, T. (2018). The culture of social comparison. *Proceedings of the National Academy of Sciences*, 115(39), E9067-E9074. <https://doi.org/10.1073/pnas.1721555115>.

Gouldner, A. W. (1960). The norm of reciprocity: A preliminary statement. *American Sociological Review*, 25(2), 161-178. <https://doi.org/10.2307/2092623>.

Ariely, D. (2008). *Predictably irrational*. Harper Collins. https://books.google.com/books/about/Predictably_Irrational.html?id=HaDbGAAACAAJ.

Nyborg, K., Anderies, J. M., Dannenberg, A., Lindahl, T., Schill, C., Schlüter, M., & De Zeeuw, A. (2016). Social norms as solutions. *Science*, 354(6308), 42-43. <https://doi.org/10.1126/science.aaf8317>

Dolan, P., Hallsworth, M., Halpern, D., King, D., Metcalfe, R., & Vlaev, I. (2012). Influencing behaviour: The mindspace way. *Journal of Economic Psychology*, 33(1), 264-277. <https://doi.org/10.1016/j.joep.2011.10.009>.

Raban, M. Z., Gonzalez, G., Nguyen, A. D., Newell, B. R., Li, L., Seaman, K. L., & Westbrook, J. I. (2023). Nudge interventions to reduce unnecessary antibiotic prescribing in primary care: A systematic review. *BMJ Open*, 13(1), e062688. <https://doi.org/10.1136/bmjopen-2022-062688>.

Social Norms (Text)

Diclemente, C. C., Marinilli, A. S., Singh, M., & Bellino, L. E., (2001). The role of feedback in the process of health behavior change. *American Journal of Health Behavior*, 25, 217-227.
<https://doi.org/10.5993/AJHB.25.3.8>.

Shang, J., & Croson, R. (2009). Field experiments in charitable contribution: The impact of social influence on the voluntary provision of public goods. *The Economic Journal*, 119, 1422-1439.
<https://doi.org/10.1111/j.1468-0297.2009.02267.x>.

Farrow, K., Grolleau, G., & Ibanez, L. (2017). Social norms and pro-environmental behavior: A review of the evidence. *Ecological Economics*, 140, 1-13. <https://doi.org/10.1016/j.ecolecon.2017.04.017>.

Allcott, H. (2011). Social norms and energy conservation. *Journal of Public Economics*, 95(5), 1982-2095.
<https://doi.org/10.1016/j.jpubeco.2011.03.003>.

Mukai, T., Nishio, K. I., Komatsu, H., & Sasaki, M. (2022). What effect does feedback have on energy conservation? Comparing previous household usage, neighbourhood usage, and social norms in Japan. *Energy Research and Social Science*, 86, 102430. <https://doi.org/10.1016/j.erss.2021.102430>.

Goldstein, N. J., Cialdini, R. B., & Griskevicius, V. (2008). A room with a viewpoint: Using social norms to motivate environmental conservation in hotels. *Journal of Consumer Research*, 35(3), 472-482.
<https://doi.org/10.1086/586910>.

Cialdini, R. B., Demaine, L. J., Sagarin, B. J., Barrett, D. W., Rhoads, K., & Winter, P. L. (2006). Managing social norms for persuasive impact. *Social Influence*, 1(1), 3-15. <https://doi.org/10.1080/15534510500181459>.

* Hallsworth, M., List, J. A., Metcalfe, R. D., & Vlaev, I. (2017). The behavioralist as tax collector: Using natural field experiments to enhance tax compliance. *Journal of Public Economics*, 148, 14-31.
<https://doi.org/10.1016/j.jpubeco.2017.02.003>. [Google Scholar]

* Cialdini, R.B. (2008). *Influence: Science and practice*, 5th ed. Pearson.
<https://books.google.com/books/about/Influence.html?id=KYK8QgAACAAJ>.

Bhanot, S. P. (2021). Isolating the effect of injunctive norms on conservation behavior: New evidence from a field experiment in California. *Organizational Behavior and Human Decision Processes*, 163, 30-42.
<https://doi.org/10.1016/j.obhdp.2018.11.002>.

Coffman, L. C., Featherstone, C. R., & Kessler, J. B. (2017). Can social information affect what job you choose and keep? *American Economic Journal: Applied Economics*, 9(1), 96-117.
<https://www.jstor.org/stable/26156209>.

Social Image (Video)

Grossman, P. J., & Levy, J. (2024). It's not you (well, it is a bit you), it's me: Self-versus social image in warm-glow giving. *PLoS ONE*, 19(3), e0300868. <https://doi.org/10.1371/journal.pone.0300868>.

* Bursztyn, L., & Jensen, R. (2017). Social image and economic behavior in the field: Identifying, understanding and shaping social pressure. *Annual Review of Economics*, 9, 131-153.
<https://doi.org/10.1146/annurev-economics-063016-103625>. [Google Scholar]

* DellaVigna, S., List, J. A., Malmendier, U., & Rao, G. (2017). Voting to tell others. *Review of Economic Studies*, 84(1), 143-181. <https://doi.org/10.1093/restud/rdw056>. [Google Scholar]

Mas, A., & Moretti, E. (2009). Peers at work. *American Economic Review*, 99(1), 112-145.
<https://www.jstor.org/stable/29730179>.

Social Image (Text)

von Siemens, F. A. (2020). I care what you think: social image concerns and the strategic revelation of past pro-social behavior. *Journal of the Economic Science Association*, 6(1), 43-56. <https://doi.org/10.1007/s40881-020-00085-2>.

Baca-Motes, K., Brown, A., Gneezy, A., Keenan, E. A., & Nelson, L. D. (2013). Commitment and behavior change: Evidence from the field. *Journal of Consumer Research*, 39(5), 1070-1084.
<https://doi.org/10.1086/667226>.

Lesson 9: Behavioral Economics in Practice (Part 1)

Nudging (Video)

* Thaler, R. H., & Sunstein, C. (2008). *Nudge: Improving decisions about health, wealth, and happiness*. Yale University Press. <https://books.google.com/books/about/Nudge.html?id=mzZV9jFLItwC>.

Hallsworth, M. (2023). A manifesto for applying behavioural science. *Nature Human Behaviour*, 7(3), 310-322.
<https://doi.org/10.1038/s41562-023-01555-3>.

Benartzi, S., Beshears, J., Milkman, K. L., Sunstein, C. R., Thaler, R. H., Shankar, M., Tucker-Ray, W., Congdon, W. J., & Galing, S. (2017). Should governments invest more in nudging?. *Psychological Science*, 28(8), 1041-1055. <https://doi.org/10.1177%2F0956797617702501>.

Hummel, D., & Maedche, A. (2019). How effective is nudging? A quantitative review on the effect sizes and limits of empirical nudging studies. *Journal of Behavioral and Experimental Economics*, 80, 47-58.
<https://doi.org/10.1016/j.socec.2019.03.005>.

* DellaVigna, S., & Linos, E. (2022). RCTs to scale: Comprehensive evidence from two nudge units. *Econometrica*, 90(1), 81-116. <https://doi.org/10.3982/ECTA18709>. [Google Scholar]

* Maier, M., Bartoš, F., Stanley, T. D., Shanks, D. R., Harris, A. J., & Wagenmakers, E. J. (2022). No evidence for nudging after adjusting for publication bias. *Proceedings of the National Academy of Sciences*, 119(31), e2200300119. <https://doi.org/10.1073/pnas.2200300119>. [Google Scholar]

Porter, E. (2016, February 23). Nudges aren't enough for problems like retirement savings. *The New York Times*. <https://www.nytimes.com/2016/02/24/business/economy/nudges-arent-enough-to-solve-societys-problems.html>.

Chater, N., & Loewenstein, G. (2023). The i-frame and the s-frame: How focusing on individual-level solutions has led behavioral public policy astray. *Behavioral and Brain Sciences*, 46, e147.
<https://doi.org/10.1017/S0140525X22002023>.

Mols, F., Haslam, S. A., Jetten, J., & Steffens, N. K. (2015). Why a nudge is not enough: A social identity critique of governance by stealth. *European Journal of Political Research*, 54(1), 81-98.
<https://doi.org/10.1111/1475-6765.12073>.

* Polman, E., & Maglio, S. J. (2023). Nudges increase choosing but decrease consuming: Longitudinal studies of the decoy, default, and compromise effects. *Journal of Consumer Research*. <https://doi.org/10.1093/jcr/ucad081>. [Google Scholar]

Loibl, C., Jones, L. E., Haisley, E., & Loewenstein, G. (2016). Testing strategies to increase saving and retention in individual development account programs. *SSRN*. <https://dx.doi.org/10.2139/ssrn.2735625>.

* Mills, S. (2022). Personalized nudging. *Behavioural Public Policy*, 6(1), 150-159. <https://doi.org/10.1017/bpp.2020.7>. [Google Scholar]

Hertwig, R., & Grune-Yanoff, T. (2021). Boosting and nudging: Two paths toward better financial decisions. In R. Viale, S. Mousavi, U. Filotto and B. Alemanni (Eds), *Financial education and risk literacy* (pp. 150-180). Edward Elgar Publishing. <https://doi.org/10.4337/9781789908855.00018>.

* Banerjee, S., & John, P. (2024). Nudge plus: Incorporating reflection into behavioral public policy. *Behavioural Public Policy*, 8(1), 69-84. <https://doi.org/10.1017/bpp.2021.6>. [Google Scholar]

Debiasing (Video)

* Larrick, R. P. (2004). Debiasing. *Blackwell handbook of judgment and decision making*, 316-338. <https://doi.org/10.1002/9780470752937.ch16>. [Google Scholar]

Ludolph, R., & Schulz, P. J. (2018). Debiasing health-related judgments and decision making: A systematic review. *Medical Decision Making*, 38(1), 3-13. <https://doi.org/10.1177/0272989X17716672>.

Lord, C. G., Lepper, M. R., & Preston, E. (1984). Considering the opposite: A corrective strategy for social judgment. *Journal of Personality and Social Psychology*, 47(6), 1231. <https://psycnet.apa.org/doi/10.1037/0022-3514.47.6.1231>.

Lewandowsky, S., & Van Der Linden, S. (2021). Countering misinformation and fake news through inoculation and prebunking. *European Review of Social Psychology*, 32(7). <https://doi.org/10.1080/10463283.2021.1876983>.

Flyvbjerg, B. (2008). Curbing optimism bias and strategic misrepresentation in planning: Reference class forecasting in practice. *European Planning Studies*, 16(1), 3-21. <https://doi.org/10.1080/09654310701747936>.

Moser, K., Wolff, H. G., & Kraft, A. (2013). The de-escalation of commitment: Predecisional accountability and cognitive processes. *Journal of Applied Social Psychology*, 43(2), 363-376. <https://doi.org/10.1111/j.1559-1816.2012.01005.x>.

Nielsen, T. (2016, February 17). Is this why we've not achieved gender equality at work? World Economic Forum. <http://www.weforum.org/agenda/2016/02/is-this-why-we've-not-achieved-gender-parity-at-work>.

Graber, M. L., Sorensen, A. V., Biswas, J., Modi, V., Wackett, A., Johnson, S., ... & Singh, H. (2014). Developing checklists to prevent diagnostic error in emergency room settings. *Diagnosis*, 1(3), 223-231. <https://dx.doi.org/10.1515%2Fdx-2014-0019>.

Google (2015). *Google's unbiasing hiring checklists*. Re:Work. <https://rework.withgoogle.com/en/guides/unbiasing-use-structure-and-criteria#use-unbiasing-checklists>.

Garcia-Retamero, R., & Galesic, M. (2010). How to reduce the effect of framing on messages about health. *Journal of General Internal Medicine*, 25(12), 1323-1329. <https://doi.org/10.1007/s11606-010-1484-9>.

Soll, J. B., Keeney, R. L., & Larrick, R. P. (2013). Consumer misunderstanding of credit card use, payments, and debt: Causes and solutions. *Journal of Public Policy & Marketing*, 32(1), 66-81.
<https://doi.org/10.1509%2Fjppm.11.061>.

Lesson 10: Behavioral Economics in Practice (Part 2)

Test and Learn (Video)

* Davenport, T. H. (2009). How to design smart business experiments. *Harvard Business Review*, 87(2), 68-76. <https://hbr.org/2009/02/how-to-design-smart-business-experiments>.

Haynes, L., Goldacre, B., & Torgerson, D. (2012). *Test, learn, adapt: Developing public policy with randomised controlled trials*. Cabinet Office-Behavioural Insights Team.
<https://researchonline.lshtm.ac.uk/id/eprint/201256>.

* List, J. (2021). The Voltage effect in behavioral economics. In A. Samson (Ed.), *The behavioral economics guide 2021 (with an introduction by John List)* (pp. VI-XI).
<https://www.behavioraleconomics.com/download/8544/>.

DellaVigna, S., Kim, W., & Linos, E. (2024). Bottlenecks for evidence adoption. *Journal of Political Economy*.
<https://doi.org/10.1086/729447>.

Behavioral Frameworks (Text)

* Behavioural Insights Team. (2014). *EAST: Four simple ways to apply behavioural insights*. <https://www.bi.team/publications/east-four-simple-ways-to-apply-behavioural-insights/>.

* Fogg, B. J. (2009). A behavior model for persuasive design. *Proceedings of the 4th international Conference on Persuasive Technology*, 40, 1-7. <https://doi.org/10.1145/1541948.1541999>. [Google Scholar]

Ajzen, I., & Schmidt, P. (2020). Changing behavior using the theory of planned behavior. In M. S. Hagger, L. D. Cameron, K. Hamilton, N. Hankonen,, & T. Lintunen(Eds.), *The handbook of behavior change* (pp. 17-31). Cambridge University Press. <https://books.google.com/books?hl=en&lr=&id=IfEFEAAAQBAJ>.

(Bonus) Lesson 11: Pushing Practical Boundaries

Pushing Practical Boundaries (Text)

Open Science Collaboration. (2015). Estimating the reproducibility of psychological science. *Science*, 349(6251), aac4716. <https://doi.org/10.1126/science.aac4716>.

Muthukrishna, M., & Henrich, J. (2019). A problem in theory. *Nature Human Behaviour*, 3(3), 221-229.
<https://doi.org/10.1038/s41562-018-0522-1>.

Scheiber, N. (2023, June 24). Harvard scholar who studies honesty is accused of fabricating findings. *The New York Times*. <https://www.nytimes.com/2023/06/24/business/economy/francesca-gino-harvard-dishonesty.html>.

* Halonen, E. (2020, January 20). Does "Irrationality" Travel? *BehavioralEconomics.com*.
<https://www.behavioraleconomics.com/does-irrationality-travel-why-applied-behavioural-science-needs-to-consider-cultural-context/>.

Behavioral Design, Big Data, and Ethics (Video)

Schmidt, R. (2022). A model for choice infrastructure: Looking beyond choice architecture in behavioral public policy. *Behavioural Public Policy*, 8, 1-26. <https://doi.org/10.1017/bpp.2021.44>.

Costa, S. F., Disli, M., Duyck, W., & Dirix, N. (2024). Nudge interventions promoting hand hygiene: a large-scale field experiment in an industrial plant. *Journal of Public Health*. <https://doi.org/10.1007/s10389-024-02304-0>.

Thaler, R. (2021). What's next for nudging and choice architecture? *Organizational Behavior and Human Decision Processes*, 163, 4-5. <https://doi.org/10.1016/j.obhdp.2020.04.003>.

This is Design Thinking (2016, May). *Early approaches: The US tax forms simplification project*.
<https://thisisdesignthinking.net/2016/05/us-tax-forms-simplification-project/>.

Brown, T. (2008). Design thinking. *Harvard Business Review*, 86(6), 84. <https://hbr.org/2008/06/design-thinking>.

Lefebvre, R. C., & Kotler, P. (2011). Design thinking, demarketing and behavioral economics: Fostering interdisciplinary growth in social marketing. In G. Hastings, K. Angus, & C. Bryant (Eds.), *The Sage handbook of social marketing* (pp. 80-94). Sage Publications.
<https://books.google.com/books?hl=en&lr=&id=rbnVgspAVp0C>.

* Tantia, P. (2017). The new science of designing for humans. *Stanford Social Innovation Review*, 15(2), 29-33.
https://ssir.org/articles/entry/the_new_science_of_designing_for_humans.

Eggers, W. D., & Murphy, T. (2018, February 7). How nudge theory and design thinking can help your government IT project succeed. *Deloitte Insights*.
<https://www2.deloitte.com/us/en/insights/focus/behavioral-economics/government-technology-adoption-behavioral-nudges.html>.

List, J., & Gneezy, U. (2014). *The why axis: Hidden motives and the undiscovered economics of everyday life*. Random House. <https://books.google.com/books?hl=en&lr=&id=cS28AAAAQBAJ>.

Samson, A. (2016). Behavioral economics in perspective. In A. Samson (Ed.), *The behavioral economics guide 2016 (with an introduction by Gerd Gigerenzer)* (pp. 1-22). <http://www.behavioraleconomics.com/behavioral-economics-guide-2016>.

* Chang, R. M., Kauffman, R. J., & Kwon, Y. (2014). Understanding the paradigm shift to computational social science in the presence of big data. *Decision Support Systems*, 63, 67-80.
<https://doi.org/10.1016/j.dss.2013.08.008>. [Google Scholar]

Guszcza, J. (2015). The last-mile problem: How data science and behavioral science can work together. *Deloitte Review*, 16, 65-79. <http://dupress.com/articles/behavioral-economics-predictive-analytics/>.

Murphy, T. (2016, February 22). A nudge for coverage: Last-mile problems for health insurance. *BehavioralEconomics.com*. <http://www.behavioraleconomics.com/a-nudge-for-coverage-last-mile-problems-for-health-insurance/>.

Kaplan, A., & Haenlein, M. (2019). Siri, Siri in my hand, who's the fairest in the land? *Business Horizons*, 62(1), 15-25. <https://doi.org/10.1016/j.bushor.2018.08.004>.

Camerer, C. F. (2019). Artificial intelligence and behavioral economics. In A. Agarwal, J. Gans, & A. Goldfarb (Eds.), *The economics of artificial intelligence: An agenda* (pp. 587-608). University of Chicago Press. <https://www.nber.org/system/files/chapters/c14013/c14013.pdf>.

* Kuyer, P., & Gordijn, B. (2023). Nudge in perspective: A systematic literature review on the ethical issues with nudging. *Rationality and Society*, 35(2), 191-230. <https://doi.org/10.1177/10434631231155005>. [Google Scholar]

Behavioral Economics Academy (2020). *Certificate in Applied Behavioral Science Ethics*. <https://www.behavioraleconomics.com/be-academy/courses/behavioral-science-ethics/>.