

@bookbvfsi, title = The Scientific Image, publisher = Oxford University Press, author = Bas C. Van Fraassen, year = 1980

@articleharmanibe, title = The Inference to the Best Explanation, journal = Philosophical Review, year = 1965, volume = 74, publisher = Sage School of Philosophy of Cornell University, pages = 88–95, author = Gilbert H. Harman, number = 1

@articleharman2, author = Gilbert Harman, publisher = University of Illinois Press, pages = 164–173, number = 3, volume = 5, year = 1968, title = Knowledge, Inference, and Explanation, journal = American Philosophical Quarterly

@bookwilliamsonindefence, title = In Defence of Objective Bayesianism, publisher = Oxford University Press, year = 2010, author = Jon Williamson @articlelocatingibe, year = 2009, publisher = Springer, number = 1, volume = 167, author = Jonathan Weisberg, journal = Synthese, pages = 125–143, title = Locating IBE in the Bayesian Framework @articlefalsehope, pages = 253–280, author = Bas C. Van Fraassen, journal = Philosophy and Phenomenological Research, title = The False Hopes of Traditional Epistemology, volume = 60, number = 2, publisher = International Phenomenological Society, year = 2000

@articletk1983, number = 4, volume = 90, journal = Psychological Review, pages = 293–315, author = Amos Tversky and Daniel Kahneman, year = 1983, title = Extensional Versus Intuitive Reasoning: The Conjunction Fallacy in Probability Judgment

@articlecrupi, pages = 182–199, journal = Thinking and Reasoning, volume = 14, year = 2008, number = 2, title = Probability, Confirmation, and the Conjunction Fallacy, author = Vincenzo Crupi and Branden Fitelson and Katya Tentori

@articlerep, volume = 3, journal = Cognitive Psychology, pages = 430–454, author = Daniel Kahneman and Amos Tversky, year = 1972, title = Subjective Probability: A Judgment of Representativeness @articleokasha, number = 4, publisher = Elsevier, year = 2000, volume = 31, pages = 691–710, title = Van Fraassen’s Critique of Inference to the Best Explanation, journal = Studies in History and Philosophy of Science Part A, author = Samir Okasha

@articlewilliamson1, author = Jon Williamson, number = 1, publisher = Springer, title = Objective Bayesianism, Bayesian Conditionalisation and Voluntarism, journal = Synthese, year = 2011, volume = 178, pages = 67–85

@booklogicofscience, publisher = Cambridge University Press, author = E. T. Jaynes, title = Probability: the Logic of Science, year = 2003

@bookhoffbook, publisher = Springer, author = Peter Hoff, title = A First Course in Bayesian Statistical Methods, year = 2009 @booklipton, publisher = Routledge/Taylor and Francis Group, author = Peter Lipton, title = Inference to the Best Explanation, year = 2004 @bookempiricalstance, title = The Empirical Stance, year = 2002, publisher = Yale University Press, author = Bas C. van Fraassen

@articleneurath, publisher = Taylor Francis, year = 1973, volume = 25, title = Empiricism and Sociology, pages = 343–352, author = O. Neurath and Marie Neurath and Robert S. Cohen, journal = British Journal for the Philosophy of Science, number = 4

@bookbvflaws, title = Laws and Symmetry, author = Bas C. van Fraassen, year = 1989, publisher = Oxford University Press

@bookkuhn, year = 2012, publisher = University of Chicago Press, title = The Structure of Scientific Revolutions: 50th Anniversary Edition, author = Thomas S. Kuhn and Ian Hacking

@bookmisakamerican, author = Cheryl Misak, title = The American Pragmatists, publisher = Oxford University Press, year = 2013

@articlepeircesuit, journal = Erkenntnis, title = Peirce-Suit of Truth – Why Inference to the Best Explanation and Abduction Ought Not to Be Confused, volume = 60, pages = 75–105, number = 1, author = Gerhard Minnameier, year = 2004, publisher = Springer @articlehowdidabduction, pages = 300–319, volume = 51, author = Mcauliffe, title = How Did Abduction Get Confused with Inference to the Best Explanation?, number = 3, journal = Transactions of the Charles S. Peirce Society, year = 2015

@articlerundestability, journal = Review of Political Economy, author = Jochen Runde, volume = 3, year=1991, pages = 125–145, publisher = Taylor and Fracis, title = Keynesian uncertainty and the instability of beliefs, year = 1990, number = 2

@articlerundeweight, journal = Economics and Philosophy, author = Jochen Runde, volume = 6, pages = 275, publisher = Cambridge University Press, title = Keynesian Uncertainty and the Weight of Arguments,

year = 1990, number = 2

@bookartoftinking, year = 1996, publisher = Cambridge University Press, author = Antoine Arnauld, title = Logic, or, the Art of Thinking: Containing, Besides Common Rules, Several New Observations Appropriate for Forming Judgment

@bookkyburglogical, author = Henry Kyburg, title = The Logical Foundations of Statistical Inference, year = 1974, publisher = Reidel

@articlekeynesafterramsey, journal = Studies in History and Philosophy of Science Part A, title = Keynes After Ramsey: In Defence of a Treatise on Probability, year = 1994, number = 1, publisher = Elsevier, volume = 25, author = Jochen Runde, pages = 97–121

@incollectionlewisguide, pages = 83–132, publisher = University of California Press, editor = Richard C. Jeffrey, booktitle = Philosophy of Probability: Contemporary Readings, author = David Lewis, title = A Subjectivist's Guide to Objective Chance, year = 1980

@articlecausationandconditional, year = 1966, title = Resiliency, Propensities, and Causal Necessity, volume = 74, number = 11, publisher = Journal of Philosophy, Inc., journal = Journal of Philosophy, author = Brian Skyrms, pages = 704–713

@articlegoodtotalevidence, year = 1966, title = On the Principle of Total Evidence, volume = 17, number = 4, publisher = Taylor Francis, journal = British Journal for the Philosophy of Science, author = I. J. Good, pages = 319–321

@articleramseyvalue, volume = 41, year = 1990, journal = British Journal for the Philosophy of Science, publisher = Taylor Francis, title = Weight or the Value of Knowledge, author = F. P. Ramsey, pages = 1–4, number = 1

@bookayerpae, publisher = Macmillan, year = 1972, author = A. J. Ayer, title = Probability and Evidence

@bookwinkler, publisher = Probabilistic Publishing, year = 2010, author = Robert Winkler, title = An Introduction to Bayesian Inference and Decision

@bookjeffreysdecision, publisher = McGraw-Hill, year = 1965, author = Richard Jeffrey, title = Logic of Decision

@bookgamblingwithtruth, publisher = Alfred A. Knopf, year = 1967, author = Issac Levi, title = Gambling with Truth

@bookappliedstatdec, publisher = Harvard, year = 1964, author = Howard Raiffa and Robert Schlaifer, title = Applied Statistical Decision Theory

@articlegarden, volume = 37, publisher = Springer, author = Peter Gärdenfors, year = 1978, pages = 351–367, number = 3, title = On the Logic of Relevance, journal = Synthese

@articlechilling, title = Chilling Out on Epistemic Rationality, pages = 197–219, author = Miriam Schoenfield, year = 2012, number = 2, volume = 158, journal = Philosophical Studies @bookwalley, author = Peter Walley, year = 1991, title = Statistical Reasoning with Imprecise Probabilities, publisher = Chapman Hall @bookcarnapprob, year = 1950, author = Rudolf Carnap, title = Logical Foundations of Probability, publisher = Chicago]University of Chicago Press

@InCollectionstanfordip, author = Bradley, Seamus, title = Imprecise Probabilities, booktitle = The Stanford Encyclopedia of Philosophy, editor = Edward N. Zalta, howpublished = <https://plato.stanford.edu/archives/win2016/probabilities/>, year = 2016, edition = Winter 2016, publisher = Metaphysics Research Lab, Stanford University

@articleodonnell, pages = 44–52, title = Keynes's Weight of Argument and Popper's Paradox of Ideal Evidence, number = 1, year = 1992, author = Rod O'Donnell, volume = 59, publisher = University of Chicago Press, journal = Philosophy of Science

@articlepromotinginformedchoice, Author = Steven H. Woolf, MD, MPH; Evelyn C.Y. Chan, MD, MS; Russell Harris, MD, MPH; Stacey L. Sheridan, MD, MPH; Clarence H. Braddock III, MD, MPH; Robert M. Kaplan, PhD; Alex Krist, MD; Annette M. O'Connor, RN, MScN, PhD; Sean Tunis, MD, MSc, Date-Added = 2018-03-24 06:42:03 +0000, Date-Modified = 2018-03-24 06:44:00 +0000, Journal = Annals of Internal Medicine, Title = Promoting Informed Choice: Transforming Health Care To Dispense Knowledge for Decision Making, Year = 2005

@bookchasm, Author = Institute of Medicine, Date-Added = 2018-03-24 03:59:36 +0000, Date-Modified = 2018-03-24 04:01:21 +0000, Publisher = National Academy Press, Title = Crossing the quality chasm: a

new health system for the 21st century., Year = 2001

@articlewhatispcc, Author = Sandra J. Tanenbaum, Journal = Health Care Analysis, Number = 1, Pages = 272-287, Publisher = Springer, Title = What is Patient-Centered Care? A Typology of Models and Missions, Volume = 23, Year = 2015

@articlebeliefwill, volume = 81, pages = 235-256, journal = Journal of Philosophy, title = Belief and the Will, publisher = Journal of Philosophy Inc, number = 5, author = Bas C. Van Fraassen, year = 1984

@articlebeliefuly, Author = van Fraassen Bas C., Journal = Philosophical Studies, Number = 1, Pages = 7-37, Publisher = Springer, Title = Belief and the Problem of Ulysses and the Sirens, Volume = 77, Year = 1995

@articlelindleybern, Author = D. V. Lindley and L. D. Phillips, Journal = The American Statistician, Number = 3, Pages = 112-119, Publisher = Taylor and Francis, Title = Inference for a Bernoulli Process (A Bayesian View), Volume = 30, Year = 1976

@bookvflawssym, Author = Bas van Fraassen, Publisher = Clarendon, Title = Laws and Symmetry, Year = 1989

@booklaplace, Author = Pierre-Simon Laplace, Publisher = Spring, Title = Philosophical Essay on Probabilities, Year = 1995

@bookwhatpragwas, Author = F. Thomas Burke, Publisher = Indiana University Press, Title = What Pragmatism Was, Year = 2013

@incollectionhajekdutchbook, Author = Alan Hajek, Booktitle = The Oxford Handbook of Rational and Social Choice, Editor = Paul Anand and Prasanta Pattanaik and Clemens Puppe, Publisher = Oxford University Press, Title = Dutch Book Arguments, Year = 2008

@bookramsey, Author = Frank P. Ramsey, Publisher = Cambridge: Harvard University Press, Title = Philosophical Papers, Year = 1990

@bookpeircecollected, Author = Charles S. Peirce, Publisher = Cambridge: Harvard University Press, Title = Collected Papers of Charles Sanders Peirce, Year = 1931

@bookessentialpeirce2, Author = Charles S. Peirce, Editor = Peirce Edition Project, Publisher = Indiana University Press, Title = The Essential Peirce, Volume 2: Selected Philosophical Writings (1893-1913), Year = 1998

@incollectionlevibeware, Author = Isaac Levi, Booktitle = The Cambridge Companion to Peirce, Editor = C. J. Misak, Pages = 257, Publisher = Cambridge University Press, Title = 11 Beware of Syllogism: Statistical Reasoning and Conjecturing According to Peirce, Year = 2004

@incollectionleviweight, Author = Isaac Levi, Booktitle = Fundamental Uncertainty: Rationality and Plausible Reasoning, Editor = Silva Marzetti Dall'Aste Brandolini and Roberto Sczzeri, Pages = 39-58, Publisher = Palgrave MacMillan, Title = The Weight of Argument, Year = 2011

@incollectionprobableinference, Author = Charles S. Peirce, Booktitle = Writings of Charles S. Peirce: A Chronological Edition, Volume 4: 1879-1884, Publisher = Indiana University Press, Title = A Theory of Probable Inference, Year = 1989

@incollectionpeirceboole, Author = Charles S. Peirce, Booktitle = Writings of Charles S. Peirce: A Chronological Edition, Volume 1: 1857-1866, Publisher = Indiana University Press, Title = Harvard Lecture VI, 1865, Year = 1982

@incollectioneconofre, Author = Charles S. Peirce, Booktitle = Writings of Charles S. Peirce: A Chronological Edition, Volume 4: 1879-1884, Publisher = Indiana University Press, Title = Note on the Theory of Economy of Research, Year = 1989 @incollectionprobabilityofinduction, Author = Charles S. Peirce, Booktitle = Writings of Charles S. Peirce: A Chronological Edition, Volume 3: 1872-1878, Date-Added = 2018-01-25 04:32:05 +0000, Date-Modified = 2018-01-25 04:32:21 +0000, Publisher = Indiana University Press, Title = The Probability of Induction, Year = 1986

@incollectiondeinhyp, Author = Charles S. Peirce, Booktitle = Writings of Charles S. Peirce: A Chronological Edition, Volume 3: 1872-1878, Date-Added = 2018-01-25 04:32:05 +0000, Date-Modified = 2018-01-25 04:32:21 +0000, Publisher = Indiana University Press, Title = Deduction, Induction, and Hypothesis, Year = 1986

@incollectionvennlogicreview, Author = Charles S. Peirce, Booktitle = Writings of Charles S. Peirce: A Chronological Edition, Volume 2: 1867-1871, Date-Added = 2018-01-25 04:16:49 +0000, Date-Modified = 2018-01-25 04:18:15 +0000, Publisher = Indiana University Press, Title = Venn's The Logic of Chance,

Year = 1984

@articleerikssonhajek, Author = Lina Eriksson and Alan Hajek, Date-Added = 2018-01-01 08:11:24 +0000, Date-Modified = 2018-01-01 08:13:03 +0000, Journal = *Studia Logica*, Number = 183-213, Title = What Are Degrees of Belief?, Volume = 86, Year = 2007

@articlestoppingrule, Author = Lindley, D. V. Phillips, L. D., Journal = *The American Statistician*, Number = 183-213, Title = What Are Degrees of Belief?, Volume = 112-119, Year = 1976

@incollectionhoover1994, Author = Kevin Hoover, Booktitle = *New Directions in Economic Methodology*, Date-Added = 2017-12-18 04:54:34 +0000, Date-Modified = 2017-12-18 04:55:26 +0000, Publisher = Routledge, Title = Pragmatism, Pragmaticism, and Economic Method, Year = 1994

@incollectionhoover2012, Author = Kevin Hoover, Booktitle = *Economics for Real*, Date-Added = 2017-12-18 04:52:47 +0000, Date-Modified = 2017-12-18 04:54:17 +0000, Publisher = Routledge, Title = Pragmatism, perspectival realism, and econometrics, Year = 2012

@incollectiondoctrineofchances, Author = Charles S. Peirce, Booktitle = *Writings of Charles S. Peirce: A Chronological Edition, Volume 3: 1872–1878*, Date-Added = 2017-12-14 09:48:51 +0000, Date-Modified = 2017-12-14 09:49:08 +0000, Publisher = Indiana University Press, Title = *Doctrine of Chances*, Year = 1966

@bookGillies2000-GILPTO, Author = Donald Gillies, Publisher = Routledge, Title = *Philosophical Theories of Probability*, Year = 2000

@incollectioninductiontopeirce, Author = Issac Levi, Booktitle = *Peirce and Contemporary Thought*, Publisher = Fordham University Press, Title = *Induction According to Peirce*, Year = 1995

@bookkeynes, Author = John Maynard Keynes, Publisher = Macmillan and Co., Limited., Title = *A Treatise on Probability*, Year = 1921

@bookkeynesbio, Author = John Maynard Keynes, Publisher = Macmillan and Co., Limited., Title = *Essays in Biography*, Year = 1933

@bookellsbergbook, Author = Daniel Ellsberg, Publisher = Garland Publishing, Title = *Risk, Ambiguity, and Decision*, Year = 2001

@bookmooreethics, Author = G. E. Moore, Publisher = Prometheus Books, Title = *Principia Ethica*, Year = 1988

@incollectionkeynesearlybelief, Author = John Maynard Keynes, Publisher = Macmillan, Cambridge University Press for the Royal Economic Society., Title = *The Collected Writings of John Maynard Keynes Vol.X*, Year = 1938

@inbookHan2016, Abstract = Uncertainty is central to health decisions across the entire continuum of medical care—from disease prevention and screening, to disease treatment, to end-of-life care. For numerous decisions in all these domains, uncertainty is the omnipresent problem that makes decisions both possible and necessary. The current chapter provides an overview of important theoretical and empirical work on the effects of uncertainty in healthcare decisions. It first discusses the concept of uncertainty and provides a working definition to guide further analysis and discussion. It then reviews theory and evidence on the effects of one important type of uncertainty, known as “ambiguity” or “epistemic uncertainty,” on health decisions and patient well-being. The chapter puts forth the argument that ambiguity in healthcare decisions has important psychological effects that need to be better understood and accounted for, and suggests potentially fruitful directions for future research in this area., Address = New York, NY, Author = Han, Paul K. J., Booktitle = *Handbook of Health Decision Science*, Doi = 10.1007/978-1-4939-3486-7_10, Editor = Diefenbach, Michael A. and Miller – Haleboua, Suzanne and Bowen, Deborah J., Isbn = 978 – 1 – 4939 – 3486 – 7, Pages = 133 – 144, Publisher = Springer New York, Title = *Uncertainty and Ambiguity in Health Decisions*, Url = https://doi.org/10.1007/978-1-4939-3486-7_10, Year = 2016, Bdsk-Url-1 = https://doi.org/10.1007/978-1-4939-3486-7_10, Bdsk-Url-2 = http://dx.doi.org/10.1007/978-1-4939-3486-7_10

@articlebalancedcis, Author = Emma J. Groen and Lotte E. Elshof and Lindy L. Visser and Emiel J. Th. Rutgers and Hillegonda A.O. Winter-Warnars and Esther H. Lips and Jelle Wesseling, Doi = <https://doi.org/10.1016/j.breast.2016.09.001>, Issn = 0960-9776, Journal = *The Breast*, Keywords = Ductal carcinoma in situ, Overdiagnosis, Screening, Risk assessment, Quality of life, Number = Supplement C, Pages = 274 - 283, Title = Finding the balance between over- and under-treatment of ductal carcinoma in situ (DCIS), Url = <http://www.sciencedirect.com/science/article/pii/S096097761630162X>, Volume = 31, Year = 2017, Bdsk-Url-1 = <http://www.sciencedirect.com/science/article/pii/S096097761630162X>, Bdsk-Url-2 =

<https://doi.org/10.1016/j.breast.2016.09.001>

@articleellsberg, Author = Daniel Ellsberg, Journal = The Quarterly Journal of Economics, Number = 4, Pages = 643-669, Publisher = Oxford University Press, Title = Risk, Ambiguity, and the Savage Axioms, Volume = 75, Year = 1961

@articleHan2009, Author = Paul K. J. Han and William Klien and Thomas Lehman and Holly Massett and Simon Lee and Andrew Freedman, Journal = Medical Care Research and Review, Number = 3, Pages = 391-403, Publisher = MCCR, Title = Laypersons' Responses to the Communication of Uncertainty Regarding Cancer Risk Estimates, Volume = 70, Year = 2009

@inbookHan2013, Abstract = Uncertainty is central to health decisions across the entire continuum of medical care—from disease prevention and screening, to disease treatment, to end-of-life care. For numerous decisions in all these domains, uncertainty is the omnipresent problem that makes decisions both possible and necessary. The current chapter provides an overview of important theoretical and empirical work on the effects of uncertainty in healthcare decisions. It first discusses the concept of uncertainty and provides a working definition to guide further analysis and discussion. It then reviews theory and evidence on the effects of one important type of uncertainty, known as “ambiguity” or “epistemic uncertainty,” on health decisions and patient well-being. The chapter puts forth the argument that ambiguity in healthcare decisions has important psychological effects that need to be better understood and accounted for, and suggests potentially fruitful directions for future research in this area., Address = New York, NY, Author = Han, Paul K. J., Booktitle = Handbook of Health Decision Science, Doi = 10.1007/978-1-4939-3486-7_10, Editor = Diefenbach, Michael A. and Miller – Halegoua, Suzanne and Bowen, Deborah J., Isbn = 978 – 1 – 4939 – 3486 – 7, Pages = 133 – 144, Publisher = Springer New York, Title = Conceptual, Methodological, and Ethical Problems in Communication, Url = https://doi.org/10.1007/978-1-4939-3486-7_10, Year = 2016, Bdsk-Url-1 = https://doi.org/10.1007/978-1-4939-3486-7_10, Url-2 = http://dx.doi.org/10.1007/978-1-4939-3486-7_10

@articleFitelson2001-FITABA, Author = Branden Fitelson, Journal = Proceedings of the Philosophy of Science Association, Number = 3, Pages = S123-, Publisher = University of Chicago Press, Title = A Bayesian Account of Independent Evidence with Applications, Volume = 2001, Year = 2001

@articleKasser2016-KASTCO-6, Author = Jeff Kasser, Journal = Erkenntnis, Number = 3, Pages = 629–648, Publisher = Springer Nature, Title = Two Conceptions of Weight of Evidence in Peirce Illustrations of the Logic of Science, Volume = 81, Year = 2016

@articlejoycepre, Author = James M. Joyce, Journal = Philosophical Perspectives, Number = 1, Pages = 153–178, Title = How Probabilities Reflect Evidence, Volume = 19, Year = 2005

@bookjaynes, Author = E.T. Jaynes, Publisher = Cambridge University Press, Title = Probability the Logic of Science, Year = 2003

@bookgilliesbook, Author = Donald Gillies, Publisher = Routledge, Title = Philosophical Theories of Probability, Year = 2000

@bookpopperlogic, Author = Karl Popper, Publisher = Routledge, Title = The Logic of Scientific Discovery, Year = 2002

@booksavage, Author = Leonard J. Savage, Publisher = Dover, Title = The Foundations of Statistics, Year = 1954

@bookdemorgan, Author = Augustus de Morgan, Publisher = Longman, Orme, Brown, Green, Longmans, Title = An Essay on Probabilities, Year = 1838

@onlinestanfordprobability, Author = Alan Hájek, Editor = Edward N. Zalta, Organization = The Stanford Encyclopedia of Philosophy (Winter 2012 Edition), Title = Interpretations of Probability, Url = <https://plato.stanford.edu/archives/win2012/entries/probability-interpret/>, Urldate = 2017-11-15, Year = 2012, Bdsk-Url-1 = <https://plato.stanford.edu/archives/win2012/entries/probability-interpret/>

@bookCP, Author = Charles S. Peirce, Publisher = Cambridge: Harvard University Press, Title = Collected Papers of Charles Sanders Peirce, Year = 1931

@articlepropensitiesandpragmatism, Author = Mauricio Suárez, Journal = Journal of Philosophy, Number = 2, Pages = 61–102, Publisher = Journal of Philosophy Inc, Title = Propensities and Pragmatism, Volume = 110, Year = 2013

@booksalmonfoundation, Author = Wesley C. Salmon, Publisher = University of Pittsburgh Press, Title = The Foundations of Scientific Inference, Year = 1966

@incollectionmeasureofnonmeasurable, Author = Irving J. Good, Booktitle = Good Thinking: The