

Skeptiker 2/2020
Forum
Die Tücken der Risikokommunikation
Was läuft bei der Kommunikation zur Covid-19-Pandemie falsch?
Skeptiker 2/2020, S. 74 – 81

Literatur

Albert, H. (1963): Modell-Platonismus – Der neoklassische Stil des ökonomischen Denkens in kritischer Beleuchtung. In: Logik der Sozialwissenschaften, hrsg. von E. Topitsch. Berlin: Kiepenhauer und Witsch, 406–434.

Albrecht, M.; Steckelberg, A. (2014): Manual für die Erstellung von evidenzbasierten Informationen für Arbeitnehmerinnen und Arbeitnehmer. Online:
www.baua.de/DE/Angebote/Publikationen/Berichte/Gd78.pdf?__blob=publicationFile&v=8.

Artinger, F. M.; Artinger, S.; Gigerenzer, G. (2019): Frequency and causes of defensive decisions in public administration. Business Research, 12(1), 9 – 25.

Bendavid E.; Mulaney B.; Sood, N.; Shah, S.; Ling, E; Bromley-Dulfano, R.; Lai, C.; Weissberg, Z.; Saavedra, R.; Tedrow, J.; Tversky, D.; Bogan, A.; Kupiec, Th.; Eichner, D.; Gupta, R.; Ioannidis, J.; Bhattacharya, J. (2020): COVID-19 Antibody Seroprevalence in Santa Clara County, California. medRxiv 2020.04.14.20062463; <https://doi.org/10.1101/2020.04.14.20062463>.

BFS (2020): Online unter: Öffentliche Statistiken zu Todesfällen, Todesursachen und meldepflichtigen Erkrankungen.
<https://www.bfs.admin.ch/bfs/de/home/statistiken/gesundheits/gesundheitszustand/sterblichkeit-todesursachen.assetdetail.12547462.html>.

Bloch E.; Negrine, R. (2017): The Populist Communication Style: Toward a Critical Framework. International Journal of Communication 11, 178–197.

Bolsen T.; Druckman, J. N. (2015): Counteracting the Politicization of Science. Journal of Communication 65 (2015) 745 – 769.

Bonner, C., Newell, B. R. (2008): How to make a risk seem riskier: The ratio bias versus construal level theory. Judgment and Decision Making, Vol. 3, No. 5, 411–416.

Catalano, R.; Goldman-Mellor, S.; Saxton K.; Margerison-Zilko, C.; Subbaraman, M., LeWinn, K.; Anderson, E. (2011): The Health Effects of Economic Decline. In: Annual Review of Public Health 32, 431 – 450. doi.org/10.1146/annurev-publhealth-031210-101146.

DGK (Deutsche Gesellschaft für Kardiologie) (2020): Pressemitteilung. <https://dgk.org/daten/pm-offener-brief-an-mdb-karliczek.pdf>.

Druckman, J. N. (2017): The crisis of politicization within and beyond science. Nature Human Behaviour. 1, 615 – 617.

EbM Netzwerk – Deutsches Netzwerk Evidenzbasierte Medizin e. V. (2020): COVID-19: Wo ist die Evidenz? Stellungnahme des EbM-Netzwerks vom 20.03.2020 (Aktualisierung 21.03.2020). www.ebm-netzwerk.de.

Felix-Cardosa, J.; Vasconcelos, H.; Pereira Rodrigues, P.; Cruz-Correia, R. (2020): Excess mortality during COVID-19 in five European countries and a critique of mortality data analysis. <https://www.medrxiv.org/content/10.1101/2020.04.28.20083147v1>.

Ferguson, N. u. A (2020): Report 9: Impact of non-pharmaceutical interventions (NPIs) to reduce COVID19 mortality and healthcare demand. spiral.imperial.ac.uk/handle/10044/1/77482.

Garfin, D. R.; Silver, R. C.; Holman, E. A. (2020): The Novel Coronavirus (COVID-2019) Outbreak: Amplification of Public Health Consequences by Media Exposure. *Health Psychology*. 39(5), 355 – 357

Gilovich, T. (1991): *How We Know What Isn't So: The Fallibility of Human Reason in Everyday Life*. New York: Free Press.

Graham, J. (2004): *The Perils of the Precautionary Principle: Lessons from the American and European Experience*. Online unter: <https://www.heritage.org/government-regulation/report/the-perils-the-precautionary-principle-lessons-the-american-and>

Hakulinen, Chr.; Pulkki-Råback, L.; Virtanen, M.; Jokela M.; Kivimäki, M.; Elovainio, M. (2018): Social isolation and loneliness as risk factors for myocardial infarction, stroke and mortality: UK Biobank cohort study of 479 054 men and women. In: *British Medical Journal*, 2018. heart.bmj.com/content/104/18/1536.

Hanlon, P.; Chadwick, F.; Shah, A. et al.: COVID-19 – exploring the implications of long-term condition type and extent of multimorbidity on years of life lost: a modelling study [version 1; peer review: awaiting peer review]. *Wellcome Open Res* 2020, 5:75, <https://doi.org/10.12688/wellcomeopenres.15849.1>.

Hartmann, G. (2020): Heinsberg Protokoll Pressekonferenz. www.facebook.com/hbergprotokoll.
Hoffrage, U. (2004) *Overconfidence*. In: R. Pohl (Ed.), *Cognitive Illusions*. New York: Psychology Press, 235– 254.

Holt-Lunstad J., Smith T. B. & Layton J. B. (2010): Social Relationships and Mortality Risk: A Meta-analytic Review. *PLoS Med* 7(7): e1000316. Online unter: doi.org/10.1371/journal.pmed.1000316.

Ioannidis, J. (2020): In the coronavirus pandemic, we're making decisions without reliable data. In *STATNews* 17.03.2020. Online unter: www.statnews.com/2020/03/17/a-fiasco-in-the-making-as-the-coronavirus-pandemic-takes-hold-we-are-making-decisions-without-reliable-data.

Jefferson, T.; Heneghan, C. (2020): Covid 19 – Epidemic ,Waves'. <https://www.cebm.net/covid-19/covid-19-epidemic-waves/>.

Karanikolos, M.; Heino, P.; McKee, M.; Stuckler, D.; Legido-Quigley, H. (2016): Effects of the Global Financial Crisis on Health in High-Income OECD Countries: A Narrative Review. *Int J Health Serv*. 46(2), 208 – 40.

Keeney, R. L. (1995): Understanding Life-Threatening Risks. *Risk Analysis* 15(6), 627–637. Online unter: web.iitd.ac.in/~arunku/files/CEL899_Y14/Understanding%20life%20threatening%20risks_Keeney.pdf.

Knapton, S. (2020): Two thirds of coronavirus victims may have died this year anyway, government adviser says. Telegraph, 25.3.2020. <https://www.telegraph.co.uk/news/2020/03/25/two-thirds-patients-die-coronavirus-would-have-died-year-anyway/>

Leigh-Hunt, N.; Bagguley, D.; Bash, K.; Turner, V.; Turnbull, S.; Valtorta, N.; Caan, W. (2017): An overview of systematic reviews on the public health consequences of social isolation and loneliness. *Public Health* 152(11), 157–171. Online unter: doi.org/10.1016/j.puhe.2017.07.035.

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, 2, 149 – 188.

Luhmann, N. (2008): *Die Moral der Gesellschaft*. Hrsg. von D. Horster, Frankfurt/M.: Suhrkamp.

Luhmann, N. (2014): *Vertrauen. Ein Mechanismus zur Reduktion sozialer Komplexität*. 5. Aufl., Konstanz: UVK Verlagsgesellschaft.

Lühnen, J.; Albrecht M.; Mühlhauser, I.; Stueckelberg, A. (2017): Leitlinie evidenzbasierte Gesundheitsinformation. Version 1.0. Erstellungsdatum: 20.02.2017. www.ebm-netzwerk.de/de/medien/pdf/leitlinie-evidenzbasierte-gesundheitsinformation-fin.pdf.

Mahoney, M. J. (1977): Publication Prejudices: An Experimental Study of Confirmatory Bias in the peer review system. *Cognitive Therapy Research* 1: 161 – 175.

McDonald, R.; Chilton, S. M.; Jones-Lee, M. W.; Metcalf, H. R. T. (2016): Evidence of variable discount rates and non-standard discounting in mortality risk valuation. *Journal of Environmental Economics and Management*. doi: 10.1016/j.jeem.2016.11.005.

Meyer, T. (2006): Populismus und Medien. In: F. Decker (Hrsg.): *Populismus. Gefahr für die Demokratie oder nützliches korrektiv?* Wiesbaden: Verlag für Sozialwissenschaften, 86–91.

Norem, J. K. (2007): Defensive Pessimism, Anxiety, and the Complexity of Evaluating Self-Regulation. In: *Social and Personality Psychology Compass* 2(1), 121 – 134.

Office for National Statistics (2020): Deaths registered weekly in England and Wales, provisional. www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/weeklyprovisionalfiguresondeathsregisteredinenglandandwales.

Pörksen, U. (1997): *Weltmarkt der Bilder*. Stuttgart: Klett Cotta.

Reinemann, C.; Aalberg, T.; Esser, F.; Strömbäck, J.; de Vreese, C. H. (2016): Populist Political Communication. Toward a Model of Its Causes, Forms, and Effect. In: Aalberg, T., Esser, F.; Reinemann, C.; Strömbäck, J.; de Vreese, C. H. (Hg.): *Populist Political Communication in Europe*. New York & London: Routledge.

RKI (2018): Bericht zur Epidemiologie der Influenza in Deutschland Saison 2017/18. <https://influenza.rki.de/Saisonberichte/2017.pdf>.

RKI (2019): Bericht zur Epidemiologie der Influenza in Deutschland Saison 2018/19. Online unter: influenza.rki.de/Saisonberichte/2018.pdf.

RKI (2020): Modellierung von Beispielszenarien der SARS-CoV-2-Epidemie 2020 in Deutschland (20.3.2020).
www.rki.de/DE/Content/InfAZ/N/Neuartiges_Coronavirus/Modellierung_Deutschland.html.

RKI (2020): Vorläufige Bewertung der Krankheitsschwere von COVID-19 in Deutschland basierend auf übermittelten Fällen gemäß IfSG. Epidemiologisches Bulletin 17. https://www.rki.de/DE/Content/Infekt/EpidBull/Archiv/2020/Ausgaben/17_20.pdf?blob=publicationFile.

Rothman, A. J.; Salovey, P. (1997): Shaping Perceptions to Motivate Healthy Behavior: The Role of Message Framing. In: Psychological Bulletin 121(1), 3 – 19. Online unter: pdfs.semanticscholar.org/eac3/e2171d06097b21f2d6e628ab09fd5f273922.pdf.

Schneider, P. (2020): Unwissenschaftlich: Statistikerin zerlegt Heinsberg-Studie, auf die sich Laschet stützt. FOCUS, 15.04.2020. https://www.focus.de/gesundheit/news/hoffe-dass-wir-daraus-nur-wenig-ueber-corona-lernen-statistikerin-zerlegt-heinsberg-studie-keine-transparenz-kein-wissenschaftlicher-standard_id_11881853.html.

Schwarz, N.; Sanna, L. J.; Skurnik, I.; Yoon, C. (2007): Metacognitive Experiences and the Intricacies of Setting People Straight: Implications for Debiasing and Public Information Campaigns. Advances in Experimental Social Psychology 39, 127 – 161.
https://dornsife.usc.edu/assets/sites/780/docs/07_aep_schwarz_et_al_setting-people-straight.pdf.

Schuhmann, F.; Lüdemann, D. (2020): Kritik an Corona-Studie aus Heinsberg. In: DIE ZEIT, 10.4.2020. <https://www.zeit.de/wissen/gesundheit/2020-04/heinsberg-studie-coronavirus-hendrik-streck-storymachine-kai-diekmann/komplettansicht>.

Slovic, S.; Slovic, P. (Hg.) (2015): Numbers and nerves. Oregon Stat University Press. Corvallis.

Shen, F.; Sheer, V. C.; Li, R. (2015): Impact of Narratives on Persuasion in Health Communication: A Meta-Analysis. Journal of Advertising. 44, 2, 105 – 113.

Stang, A.; Stang, M.; Jöckel, K. H.: Estimated use of intensive care beds due to COVID-19 in Germany over time. Dtsch Arztebl Int 2020; 117: 329–35. DOI: 10.3238/arztebl.2020.0329.

Streck, H.; Hartmann, G.; Exner, M.; Schmid, M. (2020a): Vorläufiges Ergebnis und Schlussfolgerungen der COVID-19 Case-Cluster-Study (Gemeinde Gangelt).
www.land.nrw/sites/default/files/asset/document/zwischenenergebnis_covid19_case_study_gangelt_0.pdf.

Streck, H.; Schulte, B.; Kümmerer, B. M.; Richter, E.; Höller, T.; Fuhrmann, Chr.; Bartok, E.; Dolscheid, R.; Berger, M.; Wessendorf, L.; Eschbach-Bludau, M.; Kellings, A.; Schwaiger, A.; Coenen, M.; Hoffmann, P.; Stoffel-Wagner, B.; Nöthen, M. M.; Eis-Hübinger, A.; Exner, M.; Maria Schmithausen, R.; Matthias Schmid, M.; Hartmann, G. (2020b): Infection fatality rate of SARS-CoV-2 infection in a German community with a super-spreading event.
https://www.ukbonn.de/C12582D3002FD21D/ywLookupDownloads/Streck_et_al_Infection_fatality_rate_of_SARS_CoV_2_infection2.pdf/%24FILE/Streck_et_al_Infection_fatality_rate_of_SARS_CoV_2_infection2.pdf.

Tetlock, P. E.; Kristen, O. V.; Elson, S. B.; Green, M. C.; Lerner, J. S. (2000): The psychology of the unthinkable: Taboo trade-offs, forbidden base rates, and heretical counterfactuals. Journal of Personality and Social Psychology 78, 5, 853 – 70.

Trope, Y.; Liberman, N. (2010): Construal-Level Theory of Psychological Distance. In: Psychological Review 117(2), 440 – 463.

USC (2020): Preliminary results of USC-LA County COVID-19 study released.
<https://pressroom.usc.edu/preliminary-results-of-usc-la-county-covid-19-study-released/>.

WHO (2018): WHO methods and data sources for global burden of disease estimates 2000-2016. Global Health Estimates Technical Paper WHO/HIS/IER/GHE/2018.4.
https://www.who.int/healthinfo/global_burden_disease/GlobalDALY_method_2000_2016.pdf?ua=1

Wiedemann, P. M., Boerner, F.; Repacholi, M. (2014): Do people understand IARC's 2B categorization of RF fields from cell phones? Bioelectromagnetics, 35,5,373 – 378.

Wissenschaftliche Dienste des Deutschen Bundestages (2019): Weltgesundheitsorganisation. WD 2 - 3000 - 013/19.

<https://www.bundestag.de/resource/blob/645812/e382539acdd205358b958cb7a9e8ba53/WD-2-013-19-pdf-data.pdf>.

Wordometer (2020): Covid-19 Corona virus pandemic. (www.worldometers.info/coronavirus/?).