



# Forskning

Här finns de studier/forskningsrapporter som ligger till grund för den information som vår hemsida är uppbyggd av. En studie/forskningsrapport kan förekomma under olika rubriker baserat på innehållet. Denna sammanställning kan komma att ändras/uppdateras.

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## Böcker / Skrifter

- ❖ *Measuring the World.*
  - D. Kehlmann, Hachette UK, 2010. [Measuring the World - Wikipedia](#)
  - ISBN 9781847241146 Pocket
  - ISBN 9780307277398 Häftad
  - ISBN 9781849164597 E-bok
- ❖ *Body Clocks: The Biology of Time for Sleep, Education and Work.*
  - Sian Griffiths, Paul Kelley,
  - E-bok 2018
  - ISBN: 9781398382558
- ❖ [International Conference Held at Washington for the Purpose of Fixing a Prime Meridian and a Universal Day](#)
  - Project Gutenberg, International Meridian Conference (1884 : Washington, D.C.)
  - Gibson Bros. Printers and Bookbinders, 1884. Accessed: Jun. 07, 2022.
  - E-Book-No. 17759
- ❖ *Daylight Saving and Pollutant Production*
  - Christine Mlot
  - Environment, vol. 30, no. 7, p. 23, 1988.

## Dygnsrytm

- ❖ [Dygnsrytm - Wikipedia](#)
- ❖ [Why should we abolish Daylight Saving Time? - PMC](#)
  - T. Roenneberg et al.
  - J Biol Rhythms, vol. 34, no. 3, pp. 227–230, Jun. 2019
  - doi: 10.1177/0748730419854197.
- ❖ [Impact of Daylight Saving Time on circadian timing system: An expert statement - ScienceDirect](#)
  - M. Meira e Cruz et al.
  - European Journal of Internal Medicine, vol. 60, pp. 1–3, Feb. 2019,
  - doi: 10.1016/j.ejim.2019.01.001
- ❖ [The role of sleep deprivation and circadian rhythm disruption as risk factors of Alzheimer's disease](#)
  - H. Wu, S. Dunnett, Y.-S. Ho, R. C.-C. Chang
  - Frontiers in Neuroendocrinology, vol. 54, p. 100764, Jul. 2019
  - doi: 10.1016/j.yfrne.2019.100764
- ❖ [Circadian Rhythm and Sleep Disruption: Causes, Metabolic Consequences, and Countermeasures](#)
  - G. D. M. Potter, D. J. Skene, J. Arendt, J. E. Cade, P. J. Grant, L. J. Hardie
  - Endocrine Reviews, vol. 37, no. 6, Art. no. 6, Dec. 2016
  - doi: 10.1210/er.2016-1083



- ❖ **Association between circadian preference and academic achievement: A systematic review and meta-analysis**
  - L. Tonetti, V. Natale, C. Randler
  - Chronobiology International, vol. 32, no. 6, Art. no. 6, Jul. 2015
  - doi: 10.3109/07420528.2015.1049271

## Ekonomi / Produktivitet

- ❖ **Sunset time and the economic effects of social jetlag: evidence from US time zone borders**
  - O. Giuntella, F. Mazzonna
  - Journal of Health Economics, vol. 65, pp. 210–226, May 2019,
  - doi: 10.1016/j.jhealeco.2019.03.007
- ❖ **Why Sleep Matters—The Economic Costs of Insufficient Sleep: A Cross-Country Comparative Analysis**
  - Marco Hafner, Martin Stepanek, Jirka Taylor, Wendy M Troxel, Christian van Stolk
  - Rand Health Q. 2017 Jan 1;6(4):11.
  - PMID: PMC5627640 PMID: 28983434
- ❖ **Time Use and Labor Productivity: The Returns to Sleep**
  - M. Gibson, J. Shrader
  - The Review of Economics and Statistics (2018) 100 (5): 783–798.
  - doi: 10.1162/rest\_a\_00746
- ❖ **Lost sleep and cyberloafing: Evidence from the laboratory and a daylight saving time quasi-experiment**
  - D. T. Wagner, C. M. Barnes, V. K. G. Lim, D. L. Ferris
  - Journal of Applied Psychology, vol. 97, no. 5, pp. 1068–1076, 2012
  - doi: 10.1037/a0027557
- ❖ **Does DAYLIGHT SAVING TIME save energy? Evidence from a natural experiment in Indiana**
  - M. J. Kotchen, L. E. Grant
  - The Review of Economics and Statistics, p. 14, 2009.
  - Working Paper 14429
- ❖ **Daylight saving saves no energy**
  - Z. Irsova, T. Havranek, D. Herman
  - VoxEU.org, CEPR, Dec. 02, 2017. (accessed Jun. 13, 2020).
- ❖ **Daylight Saving Save Electricity? A Meta-Analysis**
  - T. Havránek, D. Herman, Z. Iršová
  - The Energy Journal, Volume 39, Issue 2, 2018
  - doi: 10.5547/01956574.39.2.thav



## Hälsa

- ❖ [Longitude Position in a Time Zone and Cancer Risk in the United States](#)
  - Fangyi Gu, Shangda Xu, Susan S. Devesa, Fanni Zhang, Elizabeth B. Klerman, Barry I. Graubard, Neil E. Caporaso
  - *Cancer Epidemiol Biomarkers Prev* (2017) 26 (8): 1306–1311. 2017
  - doi: 10.1158/1055-9965.EPI-16-1029
- ❖ [Socialstyrelsens statistik om cancer, 2018](#)
- ❖ [Socialstyrelsens statistik om cancer, 2023](#)
- ❖ [Socialstyrelsens statistik om hjärtinfarkter, 2017](#)
- ❖ [Socialstyrelsens statistik om hjärtinfarkter, 2021](#)
- ❖ [Taking to "heart" the proposed legislation for permanent daylight saving time - PubMed](#)
  - J. R. Carter, K. L. Knutson, B. Mokhlesi
  - *American Journal of Physiology-Heart and Circulatory Physiology*, May 2022,
  - doi: 10.1152/ajpheart.00218.2022.
- ❖ [Seven-year survey of sleep timing in Russian children and adolescents: chronic 1-h forward transition of social clock is associated with increased social jetlag and winter pattern of mood seasonality](#)
  - M. F. Borisenkov et al.
  - *Biological Rhythm Research*, vol. 48, no. 1, pp. 3–12, Jan. 2017
  - doi: 10.1080/09291016.2016.1223778
- ❖ [Sleep and circadian rhythm disruption in social jetlag and mental illness - PubMed](#)
  - R. G. Foster, S. N. Peirson, K. Wulff, E. Winnebeck, C. Vetter, T. Roenneberg
  - *Progress in Molecular Biology and Translational Science*, vol. 119, Elsevier, 2013, pp. 325–346.
  - doi: 10.1016/B978-0-12-396971-2.00011-7
- ❖ [Sleep characteristics, chronotype and winter depression in 10-20-year-olds in northern European Russia - PubMed](#)
  - M. F. Borisenkov et al.
  - *J Sleep Res*, vol. 24, no. 3, pp. 288–295, Jun. 2015
  - doi: 10.1111/jsr.12266
- ❖ [Depression scores associate with chronotype and social jetlag in a rural population - PubMed](#)
  - R. Levandovski et al.
  - *Chronobiology International*, vol. 28, no. 9, Art. no. 9, Nov. 2011
  - doi: 10.3109/07420528.2011.602445
- ❖ [Decreased psychological well-being in late 'chronotypes' is mediated by smoking and alcohol consumption - PubMed](#)
  - M. Wittmann, M. Paulus, T. Roenneberg
  - *Substance Use & Misuse*, vol. 45, no. 1–2, pp. 15–30, Jan. 2010
  - doi: 10.3109/10826080903498952.
- ❖ [Aggression in young adults--a matter of short sleep and social jetlag?](#)



- C. Randler, C. Vollmer
- Psychol Rep, vol. 113, no. 3, pp. 754–765, Dec. 2013
- doi: 10.2466/16.02.PR0.113x31z7
  
- ❖ **Measurable health effects associated with the daylight saving time shift**
  - H. Zhang, T. Dahlén, A. Khan, G. Edgren, A. Rzhetsky
  - PLOS Computational Biology, vol. 16, no. 6, p. e1007927, Jun. 2020
  - doi: 10.1371/journal.pcbi.1007927
  
- ❖ **Latitude of residence and position in time zone are predictors of cancer incidence, cancer mortality, and life expectancy at birth**
  - M. F. Borisenkov
  - Chronobiology International, vol. 28, no. 2, Art. no. 2, Mar. 2011
  - doi: 10.3109/07420528.2010.541312
  
- ❖ **Longitude Position in a Time Zone and Cancer Risk in the United States**
  - F. Gu et al.
  - Cancer Epidemiol Biomarkers Prev, vol. 26, no. 8, Art. no. 8, Aug. 2017
  - doi: 10.1158/1055-9965.EPI-16-1029
  
- ❖ **The role of sleep deprivation and circadian rhythm disruption as risk factors of Alzheimer's disease**
  - H. Wu, S. Dunnett, Y.-S. Ho, R. C.-C. Chang
  - Frontiers in Neuroendocrinology, vol. 54, p. 100764, Jul. 2019
  - doi: 10.1016/j.yfrne.2019.100764
  
- ❖ **Sleep, health, and human capital: Evidence from daylight saving time**
  - L. Jin, N. R. Ziebarth
  - Journal of Economic Behavior & Organization, vol. 170, pp. 174–192, Feb. 2020
  - doi: 10.1016/j.jebo.2019.12.003
  
- ❖ **Changes in ischemic stroke occurrence following daylight saving time transitions**
  - J. O. T. Sipilä, J. O. Ruuskanen, P. Rautava, V. Kytö
  - Sleep Medicine, vol. 27–28, pp. 20–24, Nov. 2016
  - doi: 10.1016/j.sleep.2016.10.009
  
- ❖ **Daylight saving time shifts and incidence of acute myocardial infarction--Swedish Register of Information and Knowledge About Swedish Heart Intensive Care Admissions (RIKS-HIA)**
  - I. Janszky et al.
  - Sleep Medicine, vol. 13, no. 3, pp. 237–242, Mar. 2012
  - doi: 10.1016/j.sleep.2011.07.019
  
- ❖ **Daylight savings time and myocardial infarction**
  - A. Sandhu, M. Seth, and H. S. Gurm
  - Open Heart, vol. 1, no. 1, p. e000019, Mar. 2014
  - doi: 10.1136/openhrt-2013-000019
  
- ❖ **Increased Patient Safety-Related Incidents Following the Transition into Daylight Savings Time**
  - B. P. Kolla, B. J. Coombes, T. I. Morgenthaler, M. P. Mansukhani



- J GEN INTERN MED, Aug. 2020
- doi: 10.1007/s11606-020-06090-9
  
- ❖ **Is social jetlag associated with an adverse endocrine, behavioral, and cardiovascular risk profile?**
  - F. Rutters et al.
  - J Biol Rhythms, vol. 29, no. 5, pp. 377–383, Oct. 2014
  - doi: 10.1177/0748730414550199
  
- ❖ **The Association between Social Jetlag, the Metabolic Syndrome, and Type 2 Diabetes Mellitus in the General Population: The New Hoorn Study**
  - A. D. M. Koopman et al.
  - J Biol Rhythms, vol. 32, no. 4, pp. 359368, Aug. 2017
  - doi: 10.1177/0748730417713572.
  
- ❖ **Wrist temperature and cortisol awakening response in humans with social jetlag in the North**
  - A. S. Polugrudov, A. S. Panev, V. V. Smirnov, N. M. Paderin, M. F. Borisenkov, S. V. Popov
  - Chronobiology International, vol. 33, no. 7, pp. 802–809, Aug. 2016
  - doi: 10.3109/07420528.2016.1168829
  
- ❖ **Daylight savings time and myocardial infarction**
  - Amneet Sandhu, Milan Seth, Hitinder S Gurm
  - Interventional cardiology, 30 March 2014
  
- ❖ **Daylight saving time as a potential public health intervention: an observational study of evening daylight and objectively-measured physical activity among 23,000 children from 9 countries**
  - Anna Goodman, Angie S Page, Ashley R Cooper
  - Observational Study Int J Behav Nutr Phys Act, 2014 Oct
  - PMID: 25341643, PMCID: PMC4364628
  - doi: 10.1186/1479-5868-11-84

## Kronobiologi

- ❖ **Official statement of the Canadian Society for Chronobiology in support of year-round Standard Time**
  - Canadian Society for Chronobiology, Apr. 13, 2022. Accessed: Jun. 07, 2022.
  
- ❖ **To the EU Commission on DST - Chronobiology studies the influence of day-night rhythms and seasonal changes in living organisms...**
  - European Biological Rhythms Society (EBRS), European Sleep Research Society (ESRS), and Society for Research on Biological Rhythms (SRBR)
  - "To the EU Commission on DST." Accessed: Oct. 19, 2020.
  
- ❖ **Sleep characteristics, chronotype and winter depression in 10-20-year-olds in northern European Russia - PubMed**
  - M. F. Borisenkov et al.
  - J Sleep Res, vol. 24, no. 3, pp. 288–295, Jun. 2015
  - doi: 10.1111/jsr.12266



- ❖ [Chronotype, sleep length, and school achievement of 11- to 23-year-old students in northern European Russia](#)
  - M. F. Borisenkov, E. V. Perminova, A. L. Kosova
  - Chronobiology International, vol. 27, no. 6, pp. 1259–1270, Jul. 2010
  - doi: 10.3109/07420528.2010.487624
- ❖ [Chronotype and Social Jetlag: A \(Self-\) Critical Review](#)
  - T. Roenneberg, Luísa K. Pilz, Giulia Zerbini, Eva C. Winnebeck
  - MDPI Biology 2019, 8 (3), 54
  - doi: 10.3390/biology8030054
- ❖ [Desynchronised times? Chronobiology, \(bio\)medicalisation and the rhythms of life itself](#)
  - Simon J. Williams, Robert Meadows, Catherine M. Coveney
  - WRAP: Warwick Research Archive, 2021 Sociology of Health & Illness, 43 (6). pp. 1501-1517.
  - doi:10.1111/1467-9566.13324 ISSN 0141-9889.

## Lärande / Utbildning

- ❖ [Chronotype, sleep length, and school achievement of 11- to 23-year-old students in northern European Russia](#)
  - M. F. Borisenkov, E. V. Perminova, A. L. Kosova
  - Chronobiology International, vol. 27, no. 6, pp. 1259–1270, Jul. 2010
  - doi: 10.3109/07420528.2010.487624
- ❖ [Association between circadian preference and academic achievement: A systematic review and meta-analysis](#)
  - L. Tonetti, V. Natale, C. Randler
  - Chronobiology International, vol. 32, no. 6, Art. no. 6, Jul. 2015
  - doi: 10.3109/07420528.2015.1049271
- ❖ [Social jetlag negatively correlates with academic performance in undergraduates](#)
  - R. Á. Haraszi, K. Ella, N. Gyöngyösi, T. Roenneberg, K. Káldi,
  - Chronobiology International, vol. 31, no. 5, pp. 603–612, Jun. 2014
  - doi: 10.3109/07420528.2013.879164

## Miljö

- ❖ [Daylight saving time effect on fuel consumption and atmospheric pollution](#)
  - W. Hecq, Y. Borisov, M. Totte
  - Science of The Total Environment, vol. 133, no. 3, pp. 249–274, Jun. 1993,
  - doi: 10.1016/00489697(93)90248-5
- ❖ [Does DAYLIGHT SAVING TIME save energy? Evidence from a natural experiment in Indiana](#)
  - M. J. Kotchen, L. E. Grant
  - The Review of Economics and Statistics, p. 14, 2009.
  - Working Paper 14429



- ❖ [Daylight saving saves no energy](#)
  - Z. Irsova, T. Havranek, D. Herman
  - VoxEU.org, CEPR, Dec. 02, 2017. (accessed Jun. 13, 2020).
- ❖ [Daylight Saving Save Electricity? A Meta-Analysis](#)
  - T. Havránek, D. Herman, Z. Iršová
  - The Energy Journal, Volume 39, Issue 2, 2018
  - doi: 10.5547/01956574.39.2.thav
- ❖ [Análise técnica do impacto da mudança de hora legal na penetração da geração de energia renovável não controlável no consumo em Portugal continental](#)
  - J. Silva, A. Couto, J. Duque
  - Laboratório Nacional de Energia e Geologia, I.P. (LNEG), Lisboa, Technical note 235-UER-2018, Oct. 2018.
- ❖ [Impact of Extended Daylight Saving Time on National Energy Consumption, Report to Congress](#)
  - Report to Congress Energy Policy Act of 2005, Section 110 October 2008
  - U.S. Department of Energy Energy Efficiency and Renewable Energy
- ❖ [Daylight effect on the electricity demand in Spain and assessment of Daylight Saving Time policies](#)
  - M. López
  - Science Direct, Energy Policy, vol. 140, p. 111419, May 2020
  - doi: 10.1016/j.enpol.2020.111419
- ❖ [Daylight Saving Time Policy and Energy Consumption](#)
  - Sinan Küfeoğlu, Şahincan Üçler, Furkan Eskicioğlu, E. Büşra Öztürk, Hao Chen
  - February 2021
  - doi:10.21203/rs.3.rs-237397/v1
- ❖ [Etude sur modèle de l'influence de l'heure d'été sur la pollution photo-oxydante](#)
  - J. C. Dechaux, P. Coddeville, V. Zimmermann
  - Semantic Scholar, Pollut. atmos, vol. 28, no. 112, pp. 248–256, 1986. Corpus ID: 132383428
- ❖ [Radon as a tracer of atmospheric influences on traffic-related air pollution in a small inland city](#)
  - Alastair G. Williams, Scott D. Chambers, Franz Conen, Stefan Reimann, Matthias Hill, Alan D. Griffiths, Jagoda Crawford
  - Article: 30967, Received 12 Jan 2016, Accepted 03 Aug 2016, Published online: 06 Sep 2016
  - Chemical and Physical Meteorology, vol. 68, no. 1, p. 30967, Dec. 2016
  - doi: 10.3402/tellusb.v68.30967
- ❖ [Daylight saving time effect on fuel consumption and atmospheric pollution](#)
  - W. Hecq, Y. Borisov, M. Totte
  - Science of The Total Environment Volume 133, Issue 3, 18 June 1993, Pages 249-274
  - doi:10.1016/0048-9697(93)90248-5 Corpus ID: 96067314
- ❖ [Human activity, daylight saving time and wildfire occurrence - ScienceDirect](#)
  - Y. Kountouris
  - Science of the Total Environment, vol. 727, p. 138044, Jul. 2020





- doi: [10.1016/j.scitotenv.2020.138044](https://doi.org/10.1016/j.scitotenv.2020.138044)
- ❖ **Nighttime photochemistry: nitrate radical destruction by anthropogenic light sources**
  - H. Stark, Steven Brown, W. P. Dubé, N. Wagner, T. B. Ryerson, Ilana Beth Pollack, David D Parrish
  - December 2010
- ❖ **Vertical profiles in NO<sub>3</sub> and N<sub>2</sub>O<sub>5</sub> measured from an aircraft: results from the NOAA P-3 and surface platforms during NEAQS 2004**
  - Steven Brown, W. P. Dubé, Hans D. Osthoff, Jochen Stutz, Thomas B. Ryerson, Adam G. Wollny, Charles A. Brock, Carsten Warneke, Joost de Gouw, Elliot Atlas, Jonathan Andrew Neuman, John Holloway, Brian Matthew Lerner, E. J. Williams, William C. Kuster, Paul D. Goldan, Wayne M. Angevine, Michael Trainer, Fred C. Fehsenfeld, A.R. Ravishankara
  - Journal of Geophysical Research: Atmospheres, vol. 112, no. D22, 2007, November 2007
  - doi: [10.1029/2007JD008883](https://doi.org/10.1029/2007JD008883)
- ❖ **The new world atlas of artificial night sky brightness | Science Advances**
  - Fabio Falchi, Pierantonio Cinzano, Dan Duriscoe, Christopher C. M. Kyba, Christopher D. Elvidge, Kimberly Baugh, Boris A. Portnov, Nataliya A. Rybnikova, Riccardo Furgoni
  - Science Advances, 10 Jun 2016, Vol 2, Issue 6, p. e1600377
  - doi: [10.1126/sciadv.1600377](https://doi.org/10.1126/sciadv.1600377)
- ❖ **Scientific Consensus - NASA Science**
  - Earth's Climate is Warming, Climate Change: Vital Signs of the Planet.
  - accessed Jun. 18, 2022. NASA
- ❖ **World Scientists' Warning of a Climate Emergency | BioScience**
  - W. J. Ripple, C. Wolf, T. M. Newsome, P. Barnard, and W. R. Moomaw
  - Oxford Academic, BioScience, volume 70, issue 1, pages 8–12, Jan. 2020 doi: [10.1093/biosci/biz088](https://doi.org/10.1093/biosci/biz088)
  - A correction has been published: BioScience, Volume 70, Issue 1, January 2020, Page 100, <https://doi.org/10.1093/biosci/biz152>
- ❖

## Mänskliga rättigheter / Männklighet

- ❖ **FN:s konventioner om mänskliga rättigheter**
  - [International Bill of Human Rights - Wikipedia](#)
- ❖ **Sleep loss leads to the withdrawal of human helping across individuals, groups, and large-scale societies**
  - Eti Ben Simon, Raphael Vallat, Aubrey Rossi, Matthew P. Walker
  - PLOS Biology, Published: August 23, 2022
  - doi: [10.1371/journal.pbio.3001733](https://doi.org/10.1371/journal.pbio.3001733)
  - Correction: 15 Nov 2023: Simon EB, Vallat R, Rossi A, Walker MP (2023) [Sleep loss leads to the withdrawal of human helping across individuals, groups, and large-scale societies](#) PLOS Biology 21(11): e3002394.



## Politik

- ❖ [Time Zone Politics and Challenges of Globalisation - Benediktsson - 2015 - Tijdschrift voor Economische en Sociale Geografie](#)
  - K. Benediktsson, S. D. Brunn,
  - Wiley Online Library, Tijdschrift voor economische en sociale geografie, vol. 106, no. 3, pp. 276–290, 2015
  - doi.org/10.1111/tesg.12114

## Social jetlag

- ❖ [Sunset time and the economic effects of social jetlag: evidence from US time zone borders - PubMed](#)
  - O. Giuntella, F. Mazzonna
  - Journal of Health Economics, vol. 65, pp. 210–226, May 2019,
  - doi: 10.1016/j.jhealeco.2019.03.007
- ❖ [Seven-year survey of sleep timing in Russian children and adolescents: chronic 1-h forward transition of social clock is associated with increased social jetlag and winter pattern of mood seasonality](#)
  - M. F. Borisenkov et al.
  - Biological Rhythm Research, vol. 48, no. 1, pp. 3–12, Jan. 2017
  - doi: 10.1080/09291016.2016.1223778
- ❖ [Sleep and circadian rhythm disruption in social jetlag and mental illness - PubMed](#)
  - R. G. Foster, S. N. Peirson, K. Wulff, E. Winnebeck, C. Vetter, T. Roenneberg
  - Progress in Molecular Biology and Translational Science, vol. 119, Elsevier, 2013, pp. 325–346.
  - doi: 10.1016/B978-0-12-396971-2.00011-7
- ❖ [Depression scores associate with chronotype and social jetlag in a rural population](#)
  - R. Levandovski et al.
  - Chronobiology International, vol. 28, no. 9, Art. no. 9, Nov. 2011
  - doi: 10.3109/07420528.2011.602445
- ❖ [Aggression in young adults--a matter of short sleep and social jetlag?](#)
  - C. Randler, C. Vollmer
  - Psychol Rep, vol. 113, no. 3, pp. 754–765, Dec. 2013
  - doi: 10.2466/16.02.PR0.113x31z7
- ❖ [Social jetlag negatively correlates with academic performance in undergraduates](#)
  - R. Á. Haraszti, K. Ella, N. Gyöngyösi, T. Roenneberg, K. Káldi,
  - Chronobiology International, vol. 31, no. 5, pp. 603–612, Jun. 2014
  - doi: 10.3109/07420528.2013.879164
- ❖ [Is social jetlag associated with an adverse endocrine, behavioral, and cardiovascular risk profile?](#)
  - F. Rutters et al.
  - J Biol Rhythms, vol. 29, no. 5, pp. 377–383, Oct. 2014
  - doi: 10.1177/0748730414550199



- ❖ **The Association between Social Jetlag, the Metabolic Syndrome, and Type 2 Diabetes Mellitus in the General Population: The New Hoorn Study**
  - A. D. M. Koopman et al.
  - J Biol Rhythms, vol. 32, no. 4, pp. 359368, Aug. 2017
  - doi: 10.1177/0748730417713572.
- ❖ **Wrist temperature and cortisol awakening response in humans with social jetlag in the North**
  - A. S. Polugrudov, A. S. Panev, V. V. Smirnov, N. M. Paderin, M. F. Borisenkov, S. V. Popov
  - Chronobiology International, vol. 33, no. 7, pp. 802–809, Aug. 2016
  - doi: 10.3109/07420528.2016.1168829
- ❖ **Chronotype and Social Jetlag: A (Self-) Critical Review**
  - T. Roenneberg, Luísa K. Pilz, Giulia Zerbini, Eva C. Winnebeck
  - MDPI Biology 2019, 8 (3), 54
  - doi: 10.3390/biology8030054

## Säkerhet

- ❖ **Changing to daylight saving time cuts into sleep and increases workplace injuries - PubMed**
  - C. M. Barnes, D. T. Wagner
  - Journal of Applied Psychology, vol. 94, no. 5, pp. 1305–1317, 2009
  - doi: 10.1037/a0015320
- ❖ **A Chronobiological Evaluation of the Acute Effects of Daylight Saving Time on Traffic Accident Risk**
  - J. Fritz, T. VoPham, K. P. Wright, C. Vetter
  - Current Biology, vol. 30, no. 4, pp. 729-735.e2, Feb. 2020
  - doi: 10.1016/j.cub.2019.12.045
- ❖ **Spring Forward at Your Own Risk: Daylight Saving Time and Fatal Vehicle Crashes†**
  - A. C. Smith
  - American Economic Journal: Applied Economics 2016, 8(2): 65–91
  - doi: 10.1257/app.20140100
- ❖ **Impact of daylight saving time on road traffic collision risk: a systematic review - PMC**
  - R. N. Carey, K. M. Sarma
  - BMJ Open. 2017 Jul 2;7(6):e014319. PMID: 28674131
  - doi: 10.1136/bmjopen-2016-014319
- ❖ **Fatal accidents following changes in daylight savings time: the American experience**
  - J. Varughese, RP. Allen
  - Sleep Med., vol. 2, no. 1, pp. 31–36, Jan. 2001, PMID: 11152980
  - doi: 10.1016/s1389-9457(00)00032-0
- ❖ **Sleep loss leads to the withdrawal of human helping across individuals, groups, and large-scale societies**



- Eti Ben Simon, Raphael Vallat, Aubrey Rossi, Matthew P. Walker
- PLOS Biology, Published: August 23, 2022
- doi: 10.1371/journal.pbio.3001733
- Correction: 15 Nov 2023: Simon EB, Vallat R, Rossi A, Walker MP (2023) [Sleep loss leads to the withdrawal of human helping across individuals, groups, and large-scale societies](#) PLOS Biology 21(11): e3002394.

## Sömn

- ❖ [Daylight saving time: an American Academy of Sleep Medicine position statement | Journal of Clinical Sleep Medicine](#)
  - M. A. Rishi et al., Aug. 2020
  - doi: 10.5664/jcsm.8780.
- ❖ [Stellungnahme der Deutschen Gesellschaft für Schlafforschung und Schlafmedizin \(DGSM\) zur Beibehaltung / Abschaffung der Sommerzeit](#)
  - Deutschen Gesellschaft für Schlafforschung und Schlafmedizin (DGSM), 2018. Accessed: Jun. 07, 2022.
- ❖ [Zomertijd afschaffen | NSW](#)
  - Slaapgeneeskunde Vereniging Nederland (SVNL), Oct. 27, 2018. Accessed: Jun. 07, 2022.
- ❖ [Changing to daylight saving time cuts into sleep and increases workplace injuries - PubMed](#)
  - C. M. Barnes, D. T. Wagner
  - Journal of Applied Psychology, vol. 94, no. 5, pp. 1305–1317, 2009
  - doi: 10.1037/a0015320
- ❖ [Sleep and circadian rhythm disruption in social jetlag and mental illness - PubMed](#)
  - R. G. Foster, S. N. Peirson, K. Wulff, E. Winnebeck, C. Vetter, T. Roenneberg
  - Progress in Molecular Biology and Translational Science, vol. 119, Elsevier, 2013, pp. 325–346.
  - doi: 10.1016/B978-0-12-396971-2.00011-7
- ❖ [Sleep characteristics, chronotype and winter depression in 10-20-year-olds in northern European Russia - PubMed](#)
  - M. F. Borisenkov et al.
  - J Sleep Res, vol. 24, no. 3, pp. 288–295, Jun. 2015
  - doi: 10.1111/jsr.12266
- ❖ [Circadian Rhythm and Sleep Disruption: Causes, Metabolic Consequences, and Countermeasures](#)
  - G. D. M. Potter, D. J. Skene, J. Arendt, J. E. Cade, P. J. Grant, L. J. Hardie
  - Endocrine Reviews, vol. 37, no. 6, Art. no. 6, Dec. 2016
  - doi: 10.1210/er.2016-1083
- ❖ [Sleep, health, and human capital: Evidence from daylight saving time](#)
  - L. Jin, N. R. Ziebarth
  - Journal of Economic Behavior & Organization, vol. 170, pp. 174–192, Feb. 2020
  - doi: 10.1016/j.jebo.2019.12.003
- ❖ [Time Use and Labor Productivity: The Returns to Sleep](#)



- M. Gibson, J. Shrader
- The Review of Economics and Statistics (2018) 100 (5): 783–798.
- doi: 10.1162/rest\_a\_00746
  
- ❖ [Sleep Disorders and Sleep Deprivation: An Unmet Public Health Problem - PubMed](#)
  - Harvey R Colten, Bruce M Altevogt
  - Institute of Medicine (US) Committee on Sleep Medicine and Research, 2006.
  - doi: 10.17226/11617
  
- ❖ [Sleep loss leads to the withdrawal of human helping across individuals, groups, and large-scale societies](#)
  - Eti Ben Simon, Raphael Vallat, Aubrey Rossi, Matthew P. Walker
  - PLOS Biology, Published: August 23, 2022
  - doi: 10.1371/journal.pbio.3001733
  - Correction: 15 Nov 2023: Simon EB, Vallat R, Rossi A, Walker MP (2023) [Sleep loss leads to the withdrawal of human helping across individuals, groups, and large-scale societies](#) PLOS Biology 21(11): e3002394.

## Tid / Tidszon

- ❖ [Recommendation 1432: Observance of the system of European time zones.](#)
  - Jean Briane
  - Council of Europe. Accessed: Jun. 14, 2022.
  - Origin: See Doc. 8564, report of the Committee on the Environment, Regional Planning and Local Authorities, rapporteur: Mr Briane. Text adopted by the Standing Committee, acting on behalf of the Assembly, on 4 November 1999.
  
- ❖ [Daylight Saving Time and Artificial Time Zones - A Battle Between Biological and Social Times - PubMed](#)
  - T. Roenneberg, E. C. Winnebeck, och E. B. Klerman
  - Front. Physiol., vol. 10, p. 944, Aug. 2019,
  - doi: 10.3389/fphys.2019.00944.
  
- ❖ [Mudana da hora](#)
  - Associação Portuguesa de Sono, Documento apresentado a 23.10.2020 e ratificado em Assembleia Geral a 24.03.2021.
  
- ❖ [Normaltid – Wikipedia](#)
- ❖ [Tidszon – Wikipedia](#)
- ❖ [Koordinerad universell tid – Wikipedia](#)