

Reference:

- Adenzato, M., Brambilla, M., Manenti, R., De Lucia, L., Trojano, L., Garofalo, S., ... & Cotelli, M. (2017). Gender differences in cognitive Theory of Mind revealed by transcranial direct current stimulation on medial prefrontal cortex. *Scientific reports*, 7, 41219.
- Adler NE, Rehkopf DF. US disparities in health: descriptions, causes and mechanisms. *Annu. Rev. Public Health*. 2008;29:235–252.
- Aggleton JP, Kentridge RW, Good JMM: Handedness and musical ability: a study of orchestral player, composer, and choir members. *Psychol Music* 1994; 22: 148–156.
- Akcay, O. Dalgin, H. and Bhatnagar, S. (2011), Perception of Color in Product Choice among College Students: A Cross-National Analysis of USA, India, China and Turkey, *International Journal of Business and Social Science*, Vol. 2 No. 21 [Special Issue- November].
- Albert, M. S., Jones, K., Savage, C. R., Beckman, L., Seeman, T., Blazer, D., & Rowe, J. W. (1995). Predictors of cognitive change in older persons: MacArthur studies of successful aging. *Psychology and Aging*, 10, 578–589.
- Aleman, A., Bronk, E., Kessels, R.P., Koppeschaar, H.P. & van Honk, J. (2004). A single administration of testosterone improves visuospatial ability in young women. *Psychoendocrinology*, 29, 612-617.
- Alexander 1998. Hand dominance and motor unit firing behaviour. *Journal of Neurophysiology*. 1373- 1382.
- Alexander, C. N., Davies, J. L., Dixon, C. A., Dillbeck, M. C., Druker, S. M., Oetzel, R. M., Muehlman, J. M., & Orme-Johnson, D. W. (1990). Growth of higher stages of consciousness: Maharishi's Vedic psychology of human development. In C. N. Alexander & E. J. Langer (Eds.), *Higher stages of human development: Perspectives on adult growth*. (pp. 286- 341). New York: Oxford University Press.

Al-Hashel JY., Ahmed SF, Al-Mutairi H, Hassan S, Al-Awadhi N and Al-Saraji M. Association of Cognitive Abilities and Brain Lateralization among Primary School Children in Kuwait. *Neuroscience Journal* Volume 2016,
<http://dx.doi.org/10.1155/2016/6740267>

Al-Hashel, J. Y., Ahmed, S. F., Al-Mutairi, H., Hassan, S., Al-Awadhi, N., & Al-Saraji, M. (2016). Association of cognitive abilities and brain lateralization among primary school children in Kuwait. *Neuroscience journal*, 2016.

AMC, Report No. 694-4C.

Amsterdam: Elsevier Science, North Holland. Pp. 365-388.

Anand S, Ravallion M. Human-development in poor countries: on the role of private incomes and public services. *J Econ Perspect*. 1993;7:133–150.

Andel, R., Kåreholt, I., Parker, M. G., Thorslund, M., & Gatz, M. (2007). Complexity of primary lifetime occupation and cognition in advanced old age. *Journal of Aging and Health*, 19, 397-415. doi:10.1177/0898264307300171

Anderson, J. R. (2013). *The architecture of cognition*. Psychology Press.

Annett, M. 1985 Left, right, hand and brain: the right shift theory. London, UK: LEA Publishers.

Anstey K, Christensen H. Education, activity, health, blood pressure and apolipoprotein E as predictors of cognitive change in old age: a review. *Gerontology*. 2000 May-Jun;46(3):163-77.

Ardila, Alfredo & Rosselli, Monica & Matute, Esmeralda & Inozemtseva, Olga. (2011). Gender Differences in Cognitive Development. *Developmental psychology*. 47. 984-90. 10.1037/a0023819.

Army Technical Bulletin Medical 507 and Air Force Pamphlet 48-152(I) 7 March 2003

Arnheim, R. Artey percepci3n visual. *Psicolog3a de la visi3n creadora*, Editorial Universidad de Buenos Aires, 1962

Arnold AP. Genetically triggered sexual differentiation of brain and behaviour. *Horm Behav* 1996;30:495–505

Article (PDF Available) in PLoS ONE 11(11):e0166986 · November 2016 with 52 Reads

Atikovic, A., Hodzic, S., Bilalic, J., Mehinovic, J., Mujanovic, A. N., Mujanovic, E., & Kapidzic, A. (2014). Gender differences in Body Mass Index and physical activity of students of the University of Tuzla. *Baltic Journal of Health and Physical Activity*, 6(3), 183.

Bakermans-Kranenburg MJ, Van IJzendoorn MH, Juffer F (2005). Disorganized infant attachment and preventive interventions: A review and meta-analysis. *Infant Mental Health*. 26(3), 191-216. <https://doi.org/10.1002/imhj.20046>

Baltes, P. B. (1987). Theoretical propositions of life-span developmental psychology: On the dynamics between growth and decline. *Developmental Psychology*, 23, 611-626.

Banerjee, M., Sengupta, P., & Dhara, P. (2018, August). Evaluation of Colour Stereotype Profile of the Population of Eastern India. In *Congress of the International Ergonomics Association* (pp. 868-878). Springer, Cham.

Barber, S. J. (2017). An examination of age-based stereotype threat about cognitive decline: Implications for stereotype-threat research and theory development. *Perspectives on Psychological Science*, 12(1), 62-90.

Barro, Robert J. 1991. "Economic growth in a cross-section of countries." *Quarterly Journal of Economics* 106(2): 407–443.

Barry H. Kantowitz and Dan Nathan-Roberts. "Sources of Stimulus-Response Compatibility: Frames, Rules, and Response Tendencies" *Ergonomics Open Journal* Vol. 2 (2009)

Basseches, M. (1984). *Dialectical thinking and adult development*. Norwood, N.J.: Ablex.

Beaton AA: The relation of planum temporale asymmetry and morphology of the corpus callosum to handedness, gender, and dyslexia: a review of the evidence. *Brain Lang* 1997; 60: 255–322.

behavior. *Maturitas*, 41, 47-54.

- Bell E., Willson M., Wilman A, Dave S and Silverstone P. Males and females differ in brain activation during cognitive tasks. *NeuroImage*. 30 (2006) 529 – 538.
- Berg, C. A. (2000). Intellectual development in adulthood. In R. J. Sternberg (Ed.), *Handbook of intelligence* (pp. 117-140). New York: Cambridge University Press.
- Berk LE. In: Child development, 4th ed., Boston: Allyn and Bacon, 1997, pp. 524–33.
- Berman, M. (2007). *Street smart advertising: How to win the battle of the buzz*. Lanham, MD: Rowman & Littlefield.
- Bhutta ZA, Das JK, Rizvi A. Evidence-based interventions for improvement of maternal and child nutrition: what can be done and at what cost? *Lancet*. 2013;382:452–477. [[PubMed](#)]
- Bielicki, T., 1986. Physical growth as a measure of economic well-being of populations: The twentieth century. In F Falkner and JM Tanner, eds.: *Human Growth. A Comprehensive Treatise*, Vol 3. Plenum Press, New York. pp: 283-305.
- Birren, J. E. (1964). *The psychology of aging*. Englewood, NJ: Prentice-Hall.
- Birren, J. E. (1970). Toward an experimental psychology of aging. *American Psychologist*, 25, 124-135.
- Black RE, Victora CG, Walker SP. Maternal and child undernutrition and overweight in low-income and middle-income countries. *Lancet*. 2013;382:427–451. [[PubMed](#)]
- Black, R. E., Allen, L. H., Bhutta, Z. A., Caulfield, L. E., De Onis, M., Ezzati, M., ... & Maternal and Child Undernutrition Study Group. (2008). Maternal and child undernutrition: global and regional exposures and health consequences. *The lancet*, 371(9608), 243-260.
- Blanch, R,J., Brennan, D., Condon, B., Santosh ,C. & Hadley, D. (2004). Are there gender-specific neural substrates of route learning from different perspectives? *Cerebral Cortex*, 14, 1207-13

- Bonoti, F., & Vlachos, F. (2018). Laterality and cognition: Handedness as a factor differentiating cognitive abilities. *Dialogues in Clinical Neuroscience & Mental Health*, 1(s1).
- Bornstein, M.H., Han, C.H., & Haynes, O.M. (2004). Specific and general language performance across early childhood: Stability and gender considerations. *First Language*, 24, 267-304
- Bosma H., van Boxtel M.P.J., Ponds R. W. H. M., Houx P. J. H., and Jolles J., “Education and age-related cognitive decline: the contribution of mental workload,” *Educational Gerontology*, vol. 29, pp.165-173, 2003.
- Bradley RH and Corwyn RF(2002). Socioeconomic Status and Child Development. *Annual Review of Psychology* Vol. 53:371-399
<https://doi.org/10.1146/annurev.psych.53.100901.135233>
- Buffery, A., & Gray, J. (1972). Sex differences in the development of spatial and linguistic skills. In: C. Ounsted, & Taylor (Eds.), *Gender differences, their ontogeny and significance* (pp. 123–158). Edinburgh: Churchill Livingstone. Reiss AL, Abrams MT, Singer HS, Ross JL, Denckla MB. Brain development, gender and IQ in children: A volumetric imaging study. *Brain* 1996; 119:1763–74.
- Burchinal M., Vernon-Feagans L., Cox M., Key Family Life Project Investigators . (2008). Cumulative social risk, parenting, and infant development in rural low-income communities. *Parent Sci. Pract.* 8 41–69. 10.1080/15295190701830672
- Burgess-Limerick R, Krupenia V, Wallis G, Pratim-Bannerjee A, Steiner L. Directional control-response relationships for mining equipment. *Ergonomics*. 2010;53:748–757.
- Burton, L.A., Henninger, D. & Hafetz, J. (2005). Gender differences in relations of mental rotation, verbal fluency, and SAT scores to finger length ratios as hormonal indexes. *Developmental Neuropsychology*, 28, 493-505
- C.J. Worringham and D.B. Beringer (1989) Operator orientation and compatibility in visual-motor task performance. *Ergonomics*, 32 (4): 387-399.

- C.J. Worringham and D.B. Beringer (1998) Directional stimulus-response compatibility: a test of three alternative principles. *Ergonomics*, 41 (6): 864-880.
- C.J. Worringham and D.B. Beringer (1998) Directional stimulus-response compatibility: a test of three alternative principles. *Ergonomics*, 41 (6): 864-880.
- C.K. Wong and J. Lyman (1988) Riding the wave of innovation. Proceedings of the Human Factors Society 32nd Annual Meeting, Anaheim, CA, October 24-28, 1988. The Human Factors Society, Santa Monica, CA, 1: 30-34.
- Cagney, K. A., & Lauderdale, D. S. (2002). Education, wealth, and cognitive function in later life. *Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*, 57, P1201–P1214.
- Cameron, N., Kgamphe, J.S., Leschner, K.F. and Farrant, P.J. 1992. Urban-rural differences in the growth of South African black children. *Annual of Human Biol.*, 19: 23-33.
- Caplan, P. J., Crawford, M., Hyde, J. S., & Richardson, J. T. E. (1997). Gender differences in human cognition. New York: Oxford University Press.
- Carlsson, M., Dahl, G. B., Öckert, B., & Rooth, D. O. (2015). The effect of schooling on cognitive skills. *Review of Economics and Statistics*, 97(3), 533-547.
- Casey MB, Pezaris E, Nuttall RL: Spatial ability as a predictor of math achievement: the importance of sex and handedness patterns. *Neuropsychologia* 1992; 30: 35–45.
- Castro J. F., Rolleston C. (2015). *Explaining the Urban-Rural Gap in Cognitive Achievement in Peru: The Role of Early Childhood Environments and School Influences. Young Lives Working Paper 139*. London: University of Oxford.
- Castro, J., & Rolleston, C. (2015). Explaining the urban-rural gap in cognitive achievement in Peru: The role of early childhood environments and school influences.
- Centers for Disease Control and Prevention. (2014). Healthy weight: Assessing your weight: BMI: About BMI for children and teens| DNPAO| CDC.

- Cernovsky, Z. Z., Haggarty, J. & Kermeen, P. (1998). Lüscher color preferences of Arctic Inuit and of Southern Canadians. *Perceptual and Motor Skills*, 86, 1171-1176.
- Chan A.H.S and Chan W.H. (2006) Movement compatibility for circular display and rotary controls positioned at peculiar positions. *International Journal of Industrial Ergonomics*, 36: 737-745.
- Chan A.H.S., Courtney A.J., and So K.W.Y. (2000) Circular displays with thumbwheels: Hong Kong Chinese preferences. *International Journal of Human Factors and Ergonomics in Manu-facturing*, 10:4: 453-463.
- Chan A.H.S., Shum V.W.Y., Law H.W. and. Hui I.K (2003) Precise effects of control posi-tion, indicator type, and scale side on human performance. *International Journal of Advanced Manufacturing Technology*, 22: 5-6: 380-386.
- Chan AHS, Courtney AJ (2001) Color associations for Hong Kong Chinese. *Int J Ind Ergon* 28:165–170
- Chan W.H., Chan A.H.S. (2008) A Comprehensive Movement Compatibility Study for Hong Kong Chinese. In: Chan A.H.S., Ao SI. (eds) *Advances in Industrial Engineering and Operations Research. Lecture Notes in Electrical Engineering*, vol 5. Springer, Boston, MA
- Chan, A. H., & Chan, W. H. (2008). Strength and reversibility of stereotypes for a rotary control with linear scales. *Perceptual and motor skills*, 106(1), 341-353.
- Chan, A.H.S. & Courtney, A.J. (2001). Color Associations for Hong Kong Chinese. *International Journal of Industrial Ergonomics*, 28, 165-170.
- Chan, A.H.S. and Hoffmann, E.R., 2010. Movement compatibility for frontal controls with displays located in four cardinal directions. *Ergonomics*, 53(12), 1403-1419.
- Chan, A.H.S. and Hoffmann, E.R., 2012. Movement compatibility for frontal controls with displays located in four cardinal orientations. *Applied Ergonomics*, 43, 128-140.
- Chan, A.H.S. and Courtney, A.J., 2001, 165-170, Colour Associations for Hong Kong Chinese, *International Journal of Industrial Ergonomics*, 28, 165-170.

- Chan, A.H.S., Han, S.H. & Nanthavanij S., Color Associations for Hong Kong Chinese, Korean, and Thai: A Comparison, IEA 2003 Congress, Korea, Aug 24-29.
- Chan, W. H., & Chan, A. H. (2007a). Strength and reversibility of movement stereotypes for lever control and circular display. *International Journal of Industrial Ergonomics*, 37(3), 233-244.
- Chan, W. H., & Chan, A. H. (2007b). Movement Compatibility for Rotary Control and Digital Display. *Engineering Letters*, 14(1).
- Chan, W. H., & Chan, A. H. (2007c). Computer Simulated Tests for Lever Controls with Circular Displays. *Engineering Letters*, 14(1), 19-26.
- Chan, W. H., & Chan, A. H. S. (2007b). Movement stereotypes for common control-display configurations in human- machine- interface. *IAENG International Journal of Computer Science*, 33(2), 2-8.
- Charmandari, E., Tsigos, C. & Chrousos, G. (2005). Endocrinology of the stress response. *Annual Reviews of Physiology*, 67, 259–284.
- Chase-Lansdale PL, Pittman LD. Welfare reform and parenting: reasonable expectations. *Future Child* 2002, 12:166–185.
- Chaudhary S., Narkeesh A. and Gupta N (2009). A Study of Cognition in Relation with Hand Dominance. *Journal of Exercise Science and Physiotherapy*.5(1): 20-23.
- Cherbuin, N & Brinkman, C (2006). Hemispheric interactions are different in left-handed individuals. *Neuropsychology*. 20. 700-7. 10.1037/0894-4105.20.6.700.
- Christman SD, Propper RE: Superior episodic memory is associated with interhemispheric processing. *Neuropsychology* 2001; 15: 607–16.
- Clint, Edward K.; Sober, Elliott; Garland, Theodore; Rhodes, Justin S. (2013). "Male Superiority in Spatial Navigation: Adaptation or Side Effect?". *The Quarterly Review of Biology*. **87** (4): 289–313. doi:10.1086/668168. ISSN 0033-5770.
- Coalition for Health Environments Research (CHER).

- Commons, M. L., Trudeau, E. J., Stein, S. A., Richards, F. A., & Krause, S. R. (1998). Hierarchical complexity of tasks shows the existence of developmental stages. *Developmental Review*, 18, 237-278.
- controls. *Ergonomics*, 56(10), 1620-1624.
- Cooper Weil D, Alicbusan A, Wilson J, Reich M, Bradley D. The Impact of development policies on health: a review of the literature. World Health Organization; Geneva: 1990.
- Corey, D.M., Hurley, M.M., and Foundas, A.L., "Right and left handedness defined: A multivariate approach using hand preference and performance measures," *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*, 14, 144-152, 2001.
- Courtney A.J (1994) The effect of scale-side, indicator type, and control plane on direction-of-turn stereotypes for Hong Kong Chinese subjects. *Ergonomics*, 37: 865-877.
- Courtney A.J. (1994) Hong Kong Chinese direction-of-motion stereotypes. *Ergonomics*, 37: 417-426.
- Courtney A.J. (1994) The effect of scale-side, indicator type, and control plane on direction-of-turn stereotypes for Hong Kong Chinese subjects. *Ergonomics*, 37: 865-877.
- Courtney A.J. (1998) Chinese response preferences for display-control relationships. *Human Factors*, 30(3): 367-372.
- Courtney A.J. (1998) Chinese response preferences for display-control relationships. *Human Factors*, 30(3): 367-372.
- Courtney A.J. and Chan A.H.S. (1998) Testing Hong Kong stereotypes with a questionnaire. In *Ergonomics practice and its theory. Proceedings of the 5th Pan-Pacific Conferences on Occupational Ergonomics*, 21-24 July, 1998. Kitakyushu, Fukuoka, Japan, pp. 288-292.

- Cox, W. T., & Devine, P. G. (2015). Stereotypes possess heterogeneous directionality: A theoretical and empirical exploration of stereotype structure and content. *PloS one*, 10(3), e0122292.
- Craik, F. I. M., & Salthouse, T. A. (Eds.). (1991). *The handbook of aging and cognition*.
- Crow TJ, Crow LR, Done DJ, Leask S: Relative hand skill predicts academic ability: global deficits at the point of hemispheric inde- cision. *Neuropsychologia* 1998; 36: 1275–82.
- Crowe J, van de Wendel de Joede B, Wesseling C. A pilot field evaluation on heat stress in sugarcane workers in Costa Rica: what to do next? *Global Health Action*. 2009;2:1.
- D. Boles and R. Dewar (1986) Nationality and handedness differences in stereotypes for control movements. Proceedings of the 19th Annual Meeting of the Human Factors Association of Canada, Richmond(Vancouver), BC, August 22-23, 1986, The Association, Rexdale, Ontario, pp. 87-90.
- Dahmann, S. (2015). How does education improve cognitive skills. *Instructional time versus timing of instruction. SOEPpapers on Multidisciplinary Panel Data Research*, 769.
- Danaei, G., Finucane, M. M., Lin, J. K., Singh, G. M., Paciorek, C. J., Cowan, M. J., ... & Ezzati, M. (2011). National, regional, and global trends in systolic blood pressure since 1980: systematic analysis of health examination surveys and epidemiological studies with 786 country-years and 5 · 4 million participants. *The Lancet*, 377(9765), 568-577.
- Dane S and Erzurumluoglu A (2003). “Sex and handedness differences in eye-hand visual reaction times in handball players,” *International Journal of Neuroscience*, vol. 113, no. 7, pp. 923–929.
- Das SK, Banerjee TK, Mukherjee CS, Bose P, Biswas A, Hazra A, Dutt A, Das S, Chaudhuri A, Raut DK, Roy T. (2006) An urban community-based study of cognitive function among non-demented elderly population in India *Neurology Asia* 2006; 11 : 37 – 48

- Dawans, B. von, Kirschbaum, C. & Heinrichs, M. (2011). The Trier Social Stress Test for Groups (TSST-G): A new research tool for controlled simultaneous social stress exposure in a group format. *Psychoneuroendocrinology*, 36, 514-522.
- de Morais Macieirar L., de Andrade Saraiva J., da Conceição Santos L. Overweight and obesity and their associated factors among early adolescence school children in urban and rural Portugal. *BMC Nutrition* (2017) 3:17 DOI 10.1186/s40795-017-0134-6
- Deary, I.J., Thorpe, G., Wilson, V., Starr, J.M. & Whalley, L.J. (2003). Population sex differences in IQ at age 11: the Scottish mental survey 1932. *Intelligence*, 31, 533–542.
- Demir, O .E., Prado, J., and Booth, J.R. (2015). Parental socioeconomic status and the neural basis of arithmetic: differential relations to verbal and visuospatial representations. *Dev. Sci.* 18, 799–814.
- Desai, R. A., Manley, M., Desai, M. M., & Potenza, M. N. (2009). Gender differences in the association between body mass index and psychopathology. *CNS spectrums*, 14(7), 372-383.
- Di Cesare M, Khang YH, Asaria P, Blakely T, Cowan MJ, Farzadfar F, Guerrero R, Ikeda N, Kyobutungi C, Msyamboza KP, Oum S. Inequalities in non-communicable diseases and effective responses. *The Lancet*. 2013 Feb 16;381(9866):585-97.
- Donnon, Tyrone; DesCôteaux, Jean-Gaston; Violato, Claudio (2005). "Impact of cognitive imaging and sex differences on the development of laparoscopic suturing skills". *Canadian Journal of Surgery*. **48** (5): 387–393.

Download citation

- Driscoll, I., Hamilton, D.A., Yeo, R.A., Brooks, W.M. & Sutherland, R.J. (2005). Virtual navigation in humans: the impact of age, sex, and hormones on place learning. *Hormones and Behavior*, 47, 326-35

- Duncan G and Magnuson K (2012). Socioeconomic status and cognitive functioning: Moving from correlation to causation. *Cognitive science* 3(3). DOI: 10.1002/wcs.1176
- Duncan GJ, Brooks-Gunn J, Klebanov PK. Economic deprivation and early childhood development. *Child Dev.* 1994;65:296–318. [PubMed]
- Duncan GJ, Magnuson KA. Off with Hollingshead: socioeconomic resources, parenting, and child development. In: Bornstein MH, Bradley RH, eds. *Socioeconomic Status, Parenting, and Child Development*. Mahwah, NJ: Lawrence Erlbaum; 2003, 83–106.
- Duncan, G. J., & Magnuson, K. (2012). Socioeconomic status and cognitive functioning: moving from correlation to causation. *Wiley Interdisciplinary Reviews: Cognitive Science*, 3(3), 377-386.
- E.R. Hoffmann (1990) Strength of component principles determining direction of turn stereotypes for horizontally moving displays. *Proceedings of the Human Factors Society, 34th Annual Meeting*, pp. 457-461.
- E.R. Hoffmann (1990) Strength of component principles determining direction of turn stereotypes of three-dimensional display/control arrangements. *Proceedings of the Human Factors Society, 34th Annual Meeting*, pp. 462-466.
- E.R. Hoffmann (1997) Strength of component principles determining direction of turn stereotypes-linear displays with rotary controls. *Ergonomics*, 40 (2): 199-222.
- E.R. Hoffmann (1997) Strength of component principles determining direction of turn stereotypes-linear displays with rotary controls. *Ergonomics*, 40 (2): 199-222.
- E.R. Hoffmann, C. Brown, and S. Morgan (1992) Stereotypes for operation of water taps. *Proceedings of the 28th Annual Conference of the Ergonomics Society of Australia Inc.*, pp. 63-71, Melbourne, Australia, 2-4 December, 1992, E. Hoffmann and O. Evans (eds.), *Ergonomics Society of Australia Inc.*, Downer, ACT, Australia.
- Eagly A. H. & Steffen V. J., Gender stereotypes stem from the distribution of women and men into social roles. *Journal of Personality and Social Psychology* 1984; 46: 735-754.
- Economic Inquiry. Vol. 49, No. 3, 838–856. doi:10.1111/j.1465-7295.2010.00312.x

- Eiben, O.G., A. Barabás and A. Németh, 2005. Comparison of Growth, Maturation and Physical Fitness of Hungarian Urban and Rural Boys and Girls. *J. Hum. Ecol.*, 17: 93- 100.
- eISSN 2320-6012 Educational Forum Socio-economic status scales updated for 2017
- Ekici, E. Ş., Yener, C. & Camgöz, N. Colour naming. (2006). *Optics & Laser Technology*. 38, 466-485.
- Elliot, A. J., & Maier, M. A. (2007). *Color and psychological functioning*. *Current Directions in Psychological Science*, 16(5), 250-254.
- Erikson, E. H. (1968). *Identity: Youth and crisis*. New York: W. W. Norton.
- Eunice Y. Yuen and Jing Wei and Wenhua Liu and Ping Zhong and Xiangning Li and Zhen Yan (2012) Repeated Stress Causes Cognitive Impairment by Suppressing Glutamate Receptor Expression and Function in Prefrontal Cortex. *Neuron*, 73, 962-977
- Evans GW, Kim P, Ting A, Tesher H, Shannis D. Cumulative risk, maternal responsiveness, and allostatic load among young adolescents. *Dev Psychol* 2007, 43:341–351.
- Evans, D. A., Beckett, L. A., Albert, M. S., Hebert, L. E., Scherr, P. A., Funkenstein, H. H., & Taylor, J. O. (1993). Level of education and change in cognitive function in a community population of older persons. *Annals of Epidemiology*, 3, 71–77.
- Eveleth, P.B. and J.M. Tanner, 1990. *Worldwide variation in Human Growth*. Cambridge University Press, 2nd edition, Cambridge.
- Everson-Rose SA, Mendes de Leon CF, Bienias JL, Wilson RS, Evans DA. (2003) Early Life Conditions and Cognitive Functioning in Later Life. *American Journal of Epidemiology*, Volume 158, Issue 11, 1 December 2003, Pages 1083–1089, <https://doi.org/10.1093/aje/kwg263>
- Faerevik, H. & Reinertsen, R. E. (2003). Effects of wearing aircrew protective clothing on physiological and cognitive responses under various ambient conditions. *Ergonomics*, 46, 780–799.
- Fairweather, H. (1976). Sex differences in cognition. *Cognition*, 4, 231–280.

FALCH T and SANDGREN MASSIH S. (2011). THE EFFECT OF EDUCATION ON COGNITIVE ABILITY.

Fan Wu^{1,2,3}, Yanfei Guo^{2,3}, Yang Zheng^{2,3}, Wenjun Ma⁶, Paul Kowal^{4,5}, Somnath Chatterji⁴, Ling Wang

Farah MJ, et al. Childhood poverty: specific associations with neurocognitive development. *Brain Res.* 2006;1110:166–174. [[PubMed](#)]

Farzadfar F, Finucane MM, Danaei G, Pelizzari PM, Cowan MJ, Paciorek CJ, Singh GM, Lin JK, Stevens GA, Riley LM, Ezzati M. National, regional, and global trends in serum total cholesterol since 1980: systematic analysis of health examination surveys and epidemiological studies with 321 country-years and 3·0 million participants. *The Lancet.* 2011 Feb 12;377(9765):578-86.

Faurie, C., Vianey-Liaud, N., & Raymond, M. (2006). Do left- handed children have advantages regarding school performance and leadership skills? *Laterality: Asymmetries of Body, Brain and Cognition*, 11(1) 57-70. doi: 10.1080/13576500601005727

Fernald, A., Marchman, V.A., and Weisleder, A. (2013). SES differences in language processing skill and vocabulary are evident at 18 months. *Dev. Sci.* 16, 234–248.

Ferrari, M. 2007. Genetic performance and left handedness comparative analysis in adults with seizures, physical, psychological and learning disorder in rehabilitation setting. *Journal of Rehabilitation.* 8(4): 297-306.

Figlio, D. N., Freese, J., Karbownik, K., & Roth, J. (2017). Socioeconomic status and genetic influences on cognitive development. *Proceedings of the National Academy of Sciences*, 114(51), 13441-13446.

Finucane MM, Stevens GA, Cowan MJ, Danaei G, Lin JK, Paciorek CJ, Singh GM, Gutierrez HR, Lu Y, Bahalim AN, Farzadfar F. On Behalf of the Global Burden of Metabolic Risk Factor of Chronic Diseases Collaborating Group (Body Mass Index), National, regional, and global trends in body mass index since 1980: systematic analysis of

- health examination surveys and epidemiological studies with 960 country-years and 9.1 million participants. *Lancet*. 2011;377(9765):557-67.
- Finucane, M. M., Paciorek, C. J., Stevens, G. A., & Ezzati, M. (2015). Semiparametric Bayesian density estimation with disparate data sources: a meta-analysis of global childhood undernutrition. *Journal of the American Statistical Association*, 110(511), 889-901.
- Finucane, M. M., Stevens, G. A., Cowan, M. J., Danaei, G., Lin, J. K., Paciorek, C. J., ... & Farzadfar, F. (2011). On Behalf of the Global Burden of Metabolic Risk Factor of Chronic Diseases Collaborating Group (Body Mass Index), National, regional, and global trends in body mass index since 1980: systematic analysis of health examination surveys and epidemiological studies with 960 country-years and 9.1 million participants. *Lancet*, 377(9765), 557-567.
- FITTS, P. M. (1951) Engineering psychology and equipment design. In S. S. Stevens (Ed.), *Handbook of experimental psychology*. New York: Wiley. Pp. 1287- 1340.
- Forbes G. Human body composition. Growth, aging, nutrition and activity. Springer-Verlag: New York, 1987.
- Fors, S., Lennartsson, C., & Lundberg, O. (2009). Childhood living conditions, socio- economic position in adulthood, and cognition in later life: Exploring the associa- tions. *The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*, 64B, 750-757. doi:10.1093/geronb/gbp029
- Förster M. C. E., Rojas-Barahona C. A. (2014). Disadvantaged preschool children from rural areas: the importance of home practices and nursery attendance in the development of early literacy skills. *Cult. Educ.* 26 476–504. 10.1080/11356405.2014.973668
- Foulkes D. M., Mori E. S. (2009). Formación de la capacidad cognitiva en México: impactos económicos y de políticas públicas. *Estud. Econ.* 3 83–122.
- Foulkes D. M., Olivo M. F. L., Mori E. S. (2008). Habilidades cognitivas: transmisión intergeneracional por niveles socioeconómicos. *Estud. Econ.* 23 129–156.

- Franklin, J. L. (2008, April). The sound of one hand clapping: meditations on sinistrality. Paper presented at the meeting of the Chicago Literary Club. Retrieved from [http://www.chilit.org/Papers%20by%20author/Franklin %20 -- %20Sinistrality.htm](http://www.chilit.org/Papers%20by%20author/Franklin%20--%20Sinistrality.htm).
- Freeman, J. B., & Ambady, N. (2009). Motions of the hand expose the partial and parallel activation of stereotypes. *Psychological science*, 20(10), 1183-1188.
- Friedl, K.E., Mallis, M.M., Ahlers, S.T., Popkin, S.M., and Larkin, W. (2004). Research requirements for operational decision-making using models of fatigue and performance. *Aviation, Space, and Environmental Medicine*, 75(3).
- Froom, P., Caine, Y., Shochat, I. & Ribak, J. (1993). Heat stress and helicopter pilot errors. *J Occup Med*, 35, 720–724
- Gardner, H. (1983). *Frames of mind: The theory of multiple intelligences*. New York: Basic Books.
- Garrett JL, Ruel MT. Are determinants of rural and urban food security and nutritional status different? Some insights from Mozambique. *World Development*. 1999 Nov 1;27(11):1955-75.
- Garrow JS and Webster J. Quetelet's index (W/H²) as a measure of fatness. *International Journal of Obesity* 1985;9:147–153.
- Ghayas, S., & Adil, A. (2007). Effect of handedness on intelligence level of students. *Journal of the Indian Academy of Applied Psychology*, 33(1), 85-92.
- Gibbs, C. B. (1951). Transfer of training and skill assumptions in tracking tasks. *Quarterly Journal of Experimental Psychology*, 3(3), 99-110.
- Goldstein, D.S., Kopin, I. J. (2007). Evolution of concepts of stress. *Stress*. 10 (2), 109–120.
- Gonzalez. RR. Halford. C., & Keach. EM., (2010) Environmental and physiological simulation of heat stroke: A case study analysis and validation. *J ThermBiol*, 35, 441-449.
- Gooren, L. J. G. & Kruijver, F. P. M. (2002). Androgens and Male Behavior.

- Gorski RA. Development of the cerebral cortex: XV Sexual differentiation of the central nervous system. *J Am Acad Child Adolesc Psychiatry* 1998;37:1337–9.
- Gorski RA. Development of the cerebral cortex: XV Sexual differentiation of the central nervous system. *J Am Acad Child Adolesc Psychiatry* 1998;37:1337–9.
- Gorynia, I., & Egenter, D. (2000). Intermanual coordination in relation to handedness, familial sinistrality and lateral preferences. *Cortex*, 36(1), 1-18.
- Gottfried, A.W., Gottfried, A.E., Bathurst, K., Guerin, D.W., and Parramore, M.M. (2003). Socioeconomic status in children's development and family environment: Infancy through adolescence. In *Socioeconomic status, parenting, and child development*, M.H. Bornstein and R.H. Bradley, eds. (Lawrence Erlbaum Associates Publishers).
- Gouchie, C. & Kimura, D. (1991). The relationship between testosterone levels and cognitive ability patterns. *Psychoneuroendocrinology*, 16, 323-34.
- Gouin M., Flamant C., Gascoin G., Rouger V., Florin A., Guimard P., et al. (2015). The association of urbanicity with cognitive development at five years of age in preterm children. *PLoS One* 10:e0131749. 10.1371/journal.pone.0131749
- Gouin, M., Flamant, C., Gascoin, G., Rouger, V., Florin, A., Guimard, P., ... & Hanf, M. (2015). The association of urbanicity with cognitive development at five years of age in preterm children. *PloS one*, 10(7), e0131749.
- Grantham-McGregor S, Cheung YB, Cueto S, Glewwe P, Richter L, Strupp B, International Child Development Steering Group. Developmental potential in the first 5 years for children in developing countries. *The lancet*. 2007 Jan 6;369(9555):60-70.
- Green D. A and Riddell C.W (2009). Understanding Educational Impacts: The Role of Cognitive Skills. Retrieved from: <https://eml.berkeley.edu/~cle/laborlunch/riddell.pdf>
- Gruber, H. E. (1981). *Darwin on man* (2nd ed.). Chicago: University of Chic Harter, S., & Monsour, A. (1992). Developmental analysis of conflict caused by opposing attributes in the adolescent self-portrait. *Developmental Psychology*, 28, 251-260.

- Guerra-Carrillo, B., Katovich, K., & Bunge, S. A. (2017). Does higher education hone cognitive functioning and learning efficacy? Findings from a large and diverse sample. *PloS one*, 12(8), e0182276.
- H. Petropoulos and J. Brebner (1981) Stereotypes for direction-of-movement of rotary controls associated with linear displays: the effects of scale presence and position, of pointer direction, and distances between the control and the display. *Ergonomics*, 24: 143-151
- H.Y. Kang and P.H. Seong (2001) Information theoretic approach to man-machine interface complexity evaluation. *IEEE Transactions on Systems, Man, and Cybernetics*, 31 (3): 163-171.
- Hackman DA, Farah MJ (2009). Socioeconomic status and the developing brain. *Trends in cognitive sciences*. DOI:10.1016/j.tics.2008.11.003
- Haddad L, Alderman H, Appleton S, Song L, Yohannes Y. Reducing child malnutrition: how far does income growth take us? *World Bank Econ Rev*. 2003;17:107–131.
- Hall PG. *Cities in civilization*. Weidenfeld & Nicholson; London: 1998.
- Hall, C. C. (2008). *Decisions under poverty: A behavioral perspective on the decision making of the poor*. Dissertation. Princeton University. Retrieved from <http://gradworks.umi.com/33/05/3305760.html>
- Hall, C. C., Zhao, J., & Shafir, E. (2014). Self-affirmation among the poor: cognitive and behavioral implications. *Psychological Science*, 25(2), 619–25. <http://doi.org/10.1177/0956797613510949>
- Haushofer, J., & Fehr, E. (2014). On the psychology of poverty. *Science* (New York, N.Y.), 344, 862–7. <http://doi.org/10.1126/science.1232491>
- Halpern DF. A Cognitive-Process Taxonomy for Sex Differences in Cognitive Abilities. 2004. *Journal of American Psychological Society*. 13(4), 135-139.
- Halpern, D. F. (1992). *Sex differences in cognitive abilities*. Hillsdale, NJ: Erlbaum. 2nd edition

- Hampson, E., Rovet, J.F. & Altmann D. (1998). Spatial reasoning in children with congenital adrenal hyperplasia due to 21-hydroxylase deficiency. *Developmental Neuropsychology*, 14, 299-320.
- Hancock, P. A., Vasmatazidis, I. (2003). Effects of heat stress on cognitive performance. the current state of knowledge. *Int J Hyperthermia*, 19, 355–372.
- Hanushek, E. A. and Woessmann, L. (2008). The Role of Cognitive Skills in Economic Development. *Journal of Economic Literature*, 46(3):607–68.
- Heckman, J. J., Stixrud, J., and Urzua, S. (2006). The Effects of Cognitive and Noncognitive Abilities on Labor Market Outcomes and Social Behavior. *Journal of Labor Economics*, 24(3):411–482.
- Hedges, L. V., & Nowell, A. (1995). Sex differences in mental test scores, variability, and numbers of high-scoring individuals. *Science*, 269, 41-45
- Heineck, G. and Anger, S. (2010). The returns to cognitive abilities and personality traits in Germany. *Labour Economics*, 17(3):535–546.
- Herlitz, A., & Rehnman, J. (2008). Sex differences in episodic memory. *Current Directions in Psychological Science*, 17, 52–56.
- Hermida, M. J., Shalom, D. E., Segretin, M. S., Goldin, A. P., Abril, M. C., Lipina, S. J., & Sigman, M. (2018). Risks for Child Cognitive Development in Rural Contexts. *Frontiers in psychology*, 9.
- Hicks RA, Dusek CM: The handedness distributions of gifted and non-gifted children. *Cortex* 1980; 16: 479–81.
- Hillsdale, NJ: Erlbaum. Craik, F. I. M. (1977). Age differences in human memory. In J. E. Birren & K. W. Schaie (Eds.), *Handbook of the psychology of aging* (pp. 384-420). New York: Van Nostrand Reinhold.
- Hines M, Chiu L, McAdams LA, Bentler PM, Lipcamon J : Cogni- tion and the corpus callosum: verbal fluency, visuospatial ability, and language lateralization related to midsagittal

surface areas of callosal subregions. *Behav Neurosci* 1992; 106: 3–14.

Hoff, E. (2013). Interpreting the early language trajectories of children from lowSES and language minority homes: implications for closing achievement gaps. *Dev. Psychol.* 49, 4–14. Holz, N.E., Boecker, R., H

Hoffmann, E. R., Chan, A. H. S. (2013). The Worringham and Beringer “visual field” principle for rotary controls. *Ergonomics*, 56, 1620–1624.

Hoffmann, E. R. 2009. “Warrick's Principle, Implied Linkages and Hand/Control Location Effect.” *The Ergonomics Open Journal*, 2: 170–177.

Hopkin VD (1994) Color on air-traffic-control displays. *Inf Display* 1:14 –18

Hopkin, V.D. (1994). Color on Air-Traffic-Control Displays, *Information Display*, 1, 14-18.

Horn, J. L. (1982). The aging of human abilities. In B. B. Wolman (Ed.), *Handbook of developmental psychology*. Englewood Cliffs, N.J.: Prentice-Hall.

Horn, J. L., & Cattell, R. B. (1967). Age differences in fluid and crystallized intelligence.

Hotta A and Yoshioka M Y (1988) Experiment on direction-of-motion stereotypes for indicator or figure control. *Ergonomics International* 88: Proceedings of the 10th Congress of the International Ergonomics Association, pp. 154-156, Sydney, Australia, 1-5 August 1988, A.S. Adams, R.R. Hall, B.J. McPhee, and M.S. Oxenburgh (eds.). Taylor & Francis, London.

Hotta A and Yoshioka M Y (1992) An experiment on direction-of-motion stereotypes in rotary control. *Japanese Journal of Ergonomics*, 28 (2): 61-68.

Hotta A, Takahashi T., Takahashi K., and Kogi K (1981) Relations between direction-of-motion stereotypes in living space. *Journal of Human Ergology*, 10: 73-82.

Hotta A., Takahashi T., Takahashi K., and Kogi K. (1979) Relations between direction-of-motion stereotypes for indicator controls. *Journal of Human Ergology*, 8: 47-58.

- Hotta., M. Yoshioka, “Experiment on Direction-of- Motion Stereotypes for Indicator or Figure Control”. *Ergonomics International 88: Proceedings of the Tenth Congress of the International Ergonomics Association*, 154-156, Sydney, Australia, 1-5 August 1988, Edited by A.S. Adams, R.R. Hall, B.J. McPhee and M.S. Oxenburgh. Taylor & Francis, London.
- Houtman, I. L. D., Bongers, P. M., Smulders, P. G. W., & Kompier, M. A. J. (1994) Psychosocial stressors at work and neuromuscular problems. *Scandinavian Journal of Work, Environment & Health*, 20, 139-145.
- Hsin-Ni Ho (2015). Color-temperature Correspondence: Its Nature and Its Impact on Object Temperature Perception. *NTT technical review*. 13(1), 1-6.
- Hultsch, D., Hertzog, C., Small, B. J., & Dixon, R. A. (1999). Use it or lose it: Engaged lifestyle as a buffer of cognitive decline in aging? *Psychology and Aging*, 14, 245–263.
- Hyde JS, Linn MC. Gender differences in verbal ability: a meta-analysis. *Psycholog Bull* 1988;104:53–69.
- Hyde, J. S. (1981). How large are cognitive gender differences? A meta-analysis using w^2 and d . *American Psychologist*, 36, 892-901.
- Iijima, M., Arisaka, O., Minamoto, F., & Arai, Y. (2001). Sex differences in children’s free drawings: a study on girls with congenital adrenal hyperplasia. *Hormones and Behavior*, 40, 99-104.
- ISO-7243. Hot environments – estimation of the heat stress on working man, based on the WBGT-index; Geneva: International Standards Organisation; 1994. p. 9.
- J. Brebner and B. Sandow (1976) The effect of scale side on population stereotype. *Er-gonomics*, 19: 571-580.
- J.R. Carey, C.L. Bogard, J.W. Youdas, and V.J. Suman (1995) Stimulus-response compatibility effects in a manual tracking task. *Perceptual and Motor Skills*, 81 (3): 155-1170.

- Jacob C Seidell; Katherine M Flegal (1997). "Assessing obesity: classification and epidemiology". *British Medical Bulletin*.
- Jacobs L, Keown C, Worthley R (1991) Cross-cultural color comparisons: global marketers beware! *Int Mark Rev* 8(3):21 –30
- Jacobs, L., Keown, C. & Worthley, R. (1991). Cross-cultural color comparisons: global marketers beware !. *International Marketing Review*, 8, 3, 21-30.
- Jagacinski, R. J., Johnson, W. W., & Miller, R. A. (1983). Quantifying the cognitive trajectories of extrapolated movements. *Journal of Experimental Psychology: Human Perception and Performance*, 9(1), 43.
- Jain A., Bansal R, Avnish Kumar A. and Singh KD. A comparative study of visual and auditory reaction times on the basis of gender and physical activity levels of medical first year students. *Int J Appl Basic Med Res*. 2015 May-Aug; 5(2): 124–127. doi: [10.4103/2229-516X.157168].
- Jalil, AS., Dor, Z., Yahya, MS., MohideenBatcha. MF.,&Hasnan, K., (2007). Heat stress investigation on laundry workers. *International Conference on Ergonomics*, 3-5, Penang, Kuala Lumpur: ICE07; 2007. Available from: [http://eprints.uthm.edu.my/337/1/azlis,zul himan,mohd_shahir,m.faizal,khalid.pdf](http://eprints.uthm.edu.my/337/1/azlis,zul%20himan,mohd_shahir,m.faizal,khalid.pdf)
- James, D. C. (2003). Gender differences in body mass index and weight loss strategies among African Americans. *Journal of the American Dietetic Association*, 103(10), 1360-1362.
- Jefferson, A. L., Gibbons, L. E., Rentz, D. M., Carvalho, J. O., Manly, J., Bennett, D. A., & Jones, R. N. (2011). A life course model of cognitive activities, socioeconomic status, education, reading ability, and cognition. *Journal of the American Geriatrics Society*, 59, 1403-1411. doi:10.1111/j.1532-5415.2011.03499.x
- Jeffery Sobal, Richard P. Troiano Edward A. Frongillo Jr. Rural-Urban Differences in Obesity. *Rural sociology*, 1996, 61(2), 289-305
- Jensen, A. R. (1998). *The g factor*. Westport, CT: Praeger

- Johnson, K. L., McKay, L. S., & Pollick, F. E. (2011). He throws like a girl (but only when he's sad): Emotion affects sex-decoding of biological motion displays. *Cognition*, 119(2), 265-280.
- Jokela, M., Mika Kivimäki b , Marko Elovainio c , Jorma Viikari d , Olli T. Raitakari e , Liisa Keltikangas-Järvinen a. et al., Urban/rural differences in body weight: Evidence for social selection and causation hypotheses in Finland, *Social Science & Medicine* (2009), doi:10.1016/j.socscimed.2008.12.022
- Jones, R. N., Yang, F. M., Zhang, Y., Kiely, D. K., Marcantonio, E. R., & Inouye, S. K. (2006). Does educational attainment contribute to risk for delirium? A potential role for cognitive reserve. *Journals of Gerontology, Series A: Biological Sciences and Medical Sciences*, 61, M1307– M1311.
- Judge J, Stirling J: Fine motor skill performance in left- and right- handers: Evidence of an advantage for left-handers. *Laterality* 2003; 8: 297–306.
- K, Heaton TB. Child nutritional status by rural/urban residence: a cross-national analysis. *J Rural Health*. 2012;28:380–391. [[PubMed](#)]
- K.F.H. Murrell (1965) *Ergonomics: Man and his working environment*. Chapman & Hall, London.Google
- Kahle, J. B. (1983). *The disadvantaged majority: Science education for women*. AETS Outstanding Paper for 1983, Burlington, NC, Carolina Biological Supply Company.
- Kahya E. (2007). The effects of job characteristics and working conditions on job performance. *Int J Ind Ergon*, 37, 515-523.
- Kail, R. (1991). "Developmental functions for speed of processing during childhood and adolescence". *Psychological Bulletin*. 109 (3): 490–501. doi:10.1037/0033-2909.109.3.490. PMID 2062981.
- Kang H.Y. and Seong P.H., "Information Theoretic Approach to Man–Machine Interface Complexity Evaluation", *IEEE Transactions on Systems, Man, and Cybernetics*, vol. 31, no. 3, pp. 163-171, 2001.

- KANTOWITZ, B. H., TRIGGS, T. J., & BARNES, V. E. (1990) Stimulus-response compatibility and human factors. In R. W. Proctor & T. G. Reeve (Eds.), *Stimulus response compatibility*.
- Kanwar Mandeep Singh, Mandeep Singh, Karanjit Singh. Anthropometric Characteristics and Body Composition of the Rural and Urban Children. *Int J Cur Res Rev* . 9(7), 2017
- Karia RM, Ghuntla TP, Mehta HB, Gokhale PA, Shah CJ. Effect of gender difference on visual reaction time: A study on medical students of Bhavnagar region. *IOSR-PHR*. 2012;2:452–4.
- Kegan, R. (1982). *The evolving self: Problem and process in human development* Cambridge, MA: Harvard University Press.
- Kelly J, Stanton W, McGee R, Silva P. Tracking relative weight in subjects studied longitudinally from ages 3 to 13 years. *J Paediatr Child Health* 1992; 28: 158-161.
- KENNEDY, J. (2000) Stereotyping: improving particle swarm performance with cluster analysis. In *Proceedings of the 2000 Congress on Evolutionary Computation*. Vol. 2. Pp. 1507-1512.
- Kimura, D. (1999). *Sex and Cognition*. Cambridge, MA: The MIT Press.
- Kimura, D. (1999). *Sex and Cognition*. Cambridge, Massachusetts: The MIT Press.
- King, P.M., & Kitchener, K.S. (1994). *Developing reflective judgment: Understanding and promoting intellectual growth and critical thinking in adolescents and adults*. San Francisco: Jossey-Bass.
- Kohlberg, L. (1969). Stage and sequence: The cognitive developmental approach to socialization. In D. A. Goslin (Ed.), *Handbook of socialization theory and research* (pp. 347- 480). Chicago: Rand, McNally.
- Kohlberg, L. (1984). Moral stages and moralization: The cognitive-developmental approach. In L. Kohlberg (Ed.), *The psychology of moral development: The nature and validity of moral stages* (pp. 170-205). San Francisco: Harper & Row.

- Kopiez R, Galley N, Lee JI: The advantage of a decreasing right- hand superiority: the influence of laterality on a selected musical skill (sight reading achievement). *Neuropsychologia* 2006; 44: 1079–87.
- Kõve, I. M. (1997). *Vasakukäelised meie sea. Põhikooli 1. astme õppekava.1. osa.* Tallinn: EV Haridusministeerium.
- Krumdiek CL. The rural-to-urban malnutrition gradient: a key factor in the pathogenesis of urban slums. *JAMA*. 1971;215:1652–1654. [[PubMed](#)]
- Kuan PX, Ho HL, Shuhaili MS , Siti AA & Gudum HR. Gender Differences in Body Mass Index, Body Weight Perception and Weight Loss Strategies among Undergraduates in Universiti Malaysia Sarawak. *Mal J Nutr*, 17(1): 67 - 75, 2011
- Kuan, P. X., Ho, H. L., Shuhaili, M. S., Siti, A. A., & Gudum, H. R. (2011). Gender differences in body mass index, body weight perception and weight loss strategies among undergraduates in University Malaysia Sarawak. *Malaysian journal of nutrition*, 17(1).
- Kudielka, B. M., Schommer, N. C., Hellhammer, D. H., & Kirschbaum, C. (2004b). Acute HPA axis responses, heart rate, and mood changes to psychosocial stress (TSST) in humans at different times of day. *Psychoneuroendocrinology*, 29(8), 983–992.
- Language Lateralization and Psychosis, ed. Iris E. C. Sommer and René S. Kahn. Published by Cambridge University Press.
- Lawson, G.M., Hook, C.J., and Farah, M.J. (2017). A meta-analysis of the relationship between socioeconomic status and executive function performance among children. *Dev. Sci.* Published online May 30, 2017. [http://dx. doi.org/10.1111/desc.12529](http://dx.doi.org/10.1111/desc.12529).
- Le-Carret N, Lafont S, Mayo W, Fabrigoule C. The Effect of Education on Cognitive Performances and Its Implication for the Constitution of the Cognitive Reserve, *Developmental Neuropsychology* 23(3):317-37 ·February 2003
- Lee DHK. Seventy-five years of search for a heat index. *Environmental Research*. 1980;22:331–56.

- Lee, S., Kawachi, I., Berkman, L. F., & Grodstein, F. (2003). Education, other socioeconomic indicators, and cognitive function. *American Journal of Epidemiology*, 157, 712–720.
- Lee, S., Kawachi, I., Berkman, L. F., & Grodstein, F. (2003). Education, other socio-economic indicators, and cognitive function. *American Journal of Epidemiology*,
- Leisman, G., Moustafa, A. A., & Shafir, T. (2016). Thinking, walking, talking: integratory motor and cognitive brain function. *Frontiers in public health*, 4, 94.
- Leon DA. Cities, urbanization and health. *International Journal of Epidemiology*: 2008 37(1): 4–8, <https://doi.org/10.1093/ije/dym271>
- Leonard JA, Mackey AP, Finn AS and Gabrieli JDE (2015) Differential effects of socioeconomic status on working and procedural memory systems. *Front. Hum. Neurosci.* 9:554. doi: 10.3389/fnhum.2015.00554
- Levine SC, Vasilyeva M, Lourenco SF, Newcombe NS, Huttonlocher J. Socioeconomic status modifies the sex difference in spatial skill. *Psychol. Sci.* 2005;16:841–845. [[PubMed](#)]
- Lezak, M. D. (1995). *Neuropsychological Assessment*. 3rd Edition. New York: Oxford University Press.
- Lin, W.S., A.C.C. Chen, J.Z.X. Su, Y.Q. Zhang, F.C. Zhu, W.H. Zing and J.Y. Li, 1992.
- Lindenberger, U., & Baltes, P. B. (1997). Intellectual functioning in old and very old age: Cross-sectional results from the Berlin Aging Study. *Psychology and Aging*, 12, 420–432.
- Lindenberger, U., & Reischies, F. M. (1999). Limits and potentials of intellectual functioning in old age. In P. B. Baltes & K. U. Mayer (Eds.), *The Berlin Aging Study: Aging from 70 to 100* (pp. 329-359). New York, NY, US: Cambridge University Press.
- Ling, Y. and Hurlbert, A. (2011) ‘Age-dependence of colour preference in the U.K. population’, in Biggam, C. (et al) *New Directions in Colour Studies*, Amsterdam: John Benjamins Publishing Company.
- Linn, M., & Petersen, A. (1985). Emergence and Characterization of Sex Differences in Spatial Ability A Meta-Analysis. *Child Development*, 56, 1479-1498.

- Loevinger, J. (1976). *Ego development: Concepts and theories*. San Francisco: Jossey- Bass.
- L övden, M., Herlitz, A., Schellenbach, M., Grossman-Hutter, B., Kruger, A., & Lindenberger, U. (2007). Quantitative and qualitative sex differences in spatial navigation. *Scandinavian Journal of Psychology*, 48, 353–358.
- Loveless N.E., “Direction-of-motion stereotypes: A Review”. *Ergonomics*, vol. 5, pp. 357-383, 1962
- Luders E, Cherbuin N, Thompson PM, et al.: When more is less: as- sociations between corpus callosum size and handedness lateralization. *Neuroimage* 2010; 52: 43–9.
- Luders, E., Narr, K.L., Thompson, P.M., Rex, D.E., Jancke, L., Steinmetz, H. & Toga, A.W. (2004). Gender differences in cortical complexity. *Nature Neuroscience*, 7, 799-800.
- Lundberg, U., Kadefors, R., Melin, B., Palmerud, G., Hassm ön, P., Engstr öm, M., Elfsberg & Dohns, I. (1994). Psychophysiological stress and EMG activity of the trapezius muscle. *International Journal of Behavioral Medicine*, 1, 354-370.
- Lupien, S. J. & McEwen, B. S. The acute effects of corticosteroids on cognition: integration of animal and human model studies. *Brain Res. Brain Res. Rev.* **24**, 1–27 (1997).
- Lupien, S. J., Ouelle-Morin, I., Hupback, A., Walker, D., Tu, M. T. & Buss, C. (2006). Beyond the stress concept: Allostatic load—a developmental biological and cognitive perspective. In: D. Cicchetti (Ed.), *Handbook series on developmental psychopathology* (pp. 784–809). Wisconsin.
- Lyketsos, C. G., Chen, L., & Anthony, J. C. (1999). Cognitive decline in adulthood: An 11.5 year follow-up of the Baltimore Epidemiological Catchment Area Study. *American Journal of Psychiatry*, 156, 58–65.
- Lynn, R. (1994). Sex differences in intelligence and brain size: A paradox resolved. *Personality and Individual Differences*, 17, 257–271.
- Lynn, R., Ivanec, D., & Zarevski, P. (2009). Sex differences in general knowledge domains. *Collegium antropologicum*, 33, 515–520.

- Lyu J, Burr JA. Socioeconomic Status Across the Life Course and Cognitive Function Among Older Adults. 2015, 28(1), 40-67. <https://doi.org/10.1177/0898264315585504>
- M.J. Warrick and W.F. Grether (1948) The effect of pointer alignment on the check reading of engine instrument panels. USAF AMC Memo. Rep. No. MCREXD, pp. 694-172.
- Maccoby, E.E. & Jacklin, C.N, (1974). *The Psychology of Sex Differences*. Stanford: Stanford University Press
- Mackintosh, N. J. (1996). Sex differences and IQ. *Journal of Biosocial Science*, 28, 559–571.
- Macrae, C. N., Stangor, C., & Hewstone, M. (Eds.). (1996). *Stereotypes and stereotyping*. Guilford Press.
- Maier, M. A., Barchfeld, P., Elliot, A. J., & Pekrun, R. (2009). Context specificity of implicit preferences: the case of human preference for red. *Emotion*, 9(5), 734.
- Maitland, S. B., Herlitz, A., Nyberg, L., Backman, L., & Nilsson, L. G. (2004). Selective sex differences in declarative memory. *Memory & Cognition*, 32, 1160–1169.
- Malina, R.M., Himes, J.H., Stepick, C.D., Lopez, F.G. and P.H. Buschang, 1981. Growth of rural and urban children in the valley of Oaxaca, Mexico. *American J. Physical Anthropol.*, 54: 327-336.
- Mallot, H. A. (1999). Spatial cognition: Behavioral competences, neural mechanisms, and evolutionary scaling. *Kognitionswissenschaft*, 8(1), 40-48.
- Mandal, M. K., & Dutta, T. (2001). Left handedness: Facts and figures across cultures. *Psychology and Developing Societies*, 13(2), 173-191. doi: 10.1177/097133360101300204
- Mani, A., Mullainathan, S., Shafir, E., & Zhao, J. (2013). Poverty impedes cognitive function. *Science (New York, N.Y.)*, 341, 976–80. <http://doi.org/10.1126/science.1238041>
- Markant, J., Ackerman, L.K., Nussenbaum, K., and Amso, D. (2016). Selective attention neutralizes the adverse effects of low socioeconomic status on memory in 9-month-old infants. *Dev. Cogn. Neurosci.* 18, 26–33.

- McDonald, C. M., Olofin, I., Flaxman, S., Fawzi, W. W., Spiegelman, D., Caulfield, L. E., ... & Nutrition Impact Model Study. (2013). The effect of multiple anthropometric deficits on child mortality: meta-analysis of individual data in 10 prospective studies from developing countries. *The American journal of clinical nutrition*, 97(4), 896-901.
- McKeever WF: A new family handedness sample with findings consistent with X-linked transmission. *Br J Psychol* 2000; 91 (Pt 1): 21–39.
- McLoyd VC, Jayaratne TE, Ceballo R, Borquez J. Unemployment and work interruption among African American single mothers: Effects on parenting and adolescent socioemotional functioning. *Child development*. 1994 Apr;65(2):562-89.
- McLoyd VC. (1998) Socioeconomic disadvantage and child development. *Am Psychol*. 53(2):185-204.
- McLoyd VC. The impact of economic hardship on Black families and children: Psychological distress, parenting, and socioemotional development. *Child development*. 1990 Apr;61(2):311-46.
- McManus I C (2009). *Language Lateralization and Psychosis*, ed. Iris E. C. Sommer and René S. Kahn. Published by Cambridge University Press. © Cambridge University Press 2009.
- McManus IC: The inheritance of left-handedness. *Ciba Found Symp* 1991; 162: 251–67; discussion 267–81.
- Mehta, R., & Zhu, R. J. (2009). Blue or red? Exploring the effect of color on cognitive task performances. *Science*, 323(5918), 1226-1229.
- Mei Z, Grummer-Strawn LM, Pietrobelli A, Goulding A, Goran MI, Dietz WH. Validity of body mass index compared with other body-composition screening indexes for the assessment of body fatness in children and adolescents. *American Journal of Clinical Nutrition* 2002;75:97– 985.
- Midouhas, E., & Flouri, E. (2015). Rural/urban area differences in the cognitive abilities of primary school children in England. *Population, Space and Place*, 21(2), 157-170.

- Miller J.O and Low K., “Motor processes in simple, go/no-go, and choice reaction time tasks: a psychophysiological analysis,” *Journal of experimental psychology*, vol. 27, no. 2, pp.266-289, 2001.
- Miller P., Votruba-Drzal E. (2013). Early academic skills and childhood experiences across the urban–rural continuum. *Early Child Res. Q.* 28 234–248. 10.1016/j.ecresq.2012.12.005
- Miranda JJ, Gilman RH, Garc á HH, Smeeth L. The effect on cardiovascular risk factors of migration from rural to urban areas in Peru: PERU MIGRANT Study. *BMC cardiovascular disorders*. 2009 Dec;9(1):23.
- Molecular and Cellular Endocrinology*, 198, 31-40.
- Monteiro CA, Benicio MH, Conde WL, Konno S, Lovadino AL, Barros AJ, Victora CG. Narrowing socioeconomic inequality in child stunting: the Brazilian experience, 1974-2007. *Bulletin of the World Health Organization*. 2010;88:305-11.
- Montgomery MR, Stren R, Cohen B, Reed HE. *Cities transformed: demographic change and its implications in the developing world*. Routledge; 2013 Oct 31.
- Monyeki, M.A., Koppes, L.L.J., Kemper, H.C.G., Monyeki, K.D., Toriola, A.L., Pienaar, A.E. & Twisk, J.W.R. (2005). Relationship between physical activity and physical fitness of Ellisras rural primary school children of South Africa. *Journal of Physical Education and Recreation*, 11(2), 54-60.
- Morgan K. E. (2015). The cognitive effects of chronic malnutrition and environment on working memory and executive function in children. *Independent Study Project* 2053 1–42.
- Movement compatibility for circular display and rotary controls positioned at peculiar positions
Muhammad Aslam , Aamir Saeed , G.R. Pasha and Saima Altaf. Gender Differences of Body Mass Index in Adults of Pakistan: A Case Study of Multan city. *Pakistan Journal of Nutrition* 9 (2): 162-166, 2010.

- Mykerezi E., Kostandini G., Jordan J. L., Melo I. (2014). On rural-urban differences in human capital formation: finding the 'bottlenecks'. *J. Rural Soc. Sci.* 29 17–47.
- N. Moray (1999) Advanced displays, cultural stereotypes and organisational characteristics of a control room nuclear safety: A human factors perspective. J. Misumi, B. Wilpert, and R. Miller (eds.). Taylor & Francis, London, pp. 97-112.
- N.E. Loveles (1962) Direction-of-motion stereotypes: A review. *Ergonomics*, 5: 357-383.
- Nadel W., Sagawa S. (2002). *America's Forgotten Children: Child Poverty in Rural America*. Wesport: Save the children.
- National Research Council (US). Committee on Nutrient Requirements of Small Ruminants, National Research Council, Committee on the Nutrient Requirements of Small Ruminants, Board on Agriculture, Division on Earth, Life Studies. Nutrient requirements of small ruminants: sheep, goats, cervids, and new world camelids. 中国法制出版社; 2007 Jan 5.
- Naugles, R.I., Cullum C, Braddom, D. 1998. Handedness and Dementia. School of Medicine, University of California, and Diego. 1145-1152
- Neuman M., Kawachi I., Gortmaker S and Subramanian S. V. Urban-rural differences in BMI in low- and middle-income countries: the role of socioeconomic status. *Am J Clin Nutr.* 2013 97(2): 428–436.
- Ng A.W.Y and Chan A.H.S (2012). Finger Response Times to Visual, Auditory and Tactile Modality Stimuli. Proceedings of the international multiconference of engineers and computer scientists 2012, Vol II, IMECS 2012. March 14-16, 2012, Hong Kong.
- Ng A.W.Y., Chan A.H.S. (2007) Culture Issues in Traffic Sign Usability. In: Aykin N. (eds) Usability and Internationalization. HCI and Culture. UI-HCII 2007. Lecture Notes in Computer Science, vol 4559. Springer, Berlin, Heidelberg

- Nichelli, F., Bulgheroni, S. & Riva, D. (2001). Developmental patterns of verbal and visuospatial spans. *Nature Neuroscience*, 22, 377-84.
- Nisbett R. E., Peng K., Choi I., Norenzayan A., Culture and systems of thought: Holistic versus analytic cognition. *Psychological Review* 2001; 108: 291-310.
- Noble KG, McCandliss BD, Farah MJ. Socioeconomic gradients predict individual differences in neurocognitive abilities. *Dev. Sci.* 2007;10:464–480. [[PubMed](#)]
- Noble, K.G., Houston, S.M., Brito, N.H., Bartsch, H., Kan, E., Kuperman, J.M., Akshoomoff, N., Amaral, D.G., Bloss, C.S., Libiger, O., et al. (2015). Family income, parental education and brain structure in children and adolescents. *Nat. Neurosci.* 18, 773–778.
- Nunes, B., Silva, R. D., Cruz, V. T., Roriz, J. M., Pais, J., & Silva, M. C. (2010). Prevalence and pattern of cognitive impairment in rural and urban populations from Northern Portugal. *BMC neurology*, 10(1), 42.
- Olofin I, McDonald CM, Ezzati M, Flaxman S, Black RE, Fawzi WW, Caulfield LE, Danaei G, Nutrition Impact Model Study (anthropometry cohort pooling. Associations of suboptimal growth with all-cause and cause-specific mortality in children under five years: a pooled analysis of ten prospective studies. *PloS one*. 2013 May 29;8(5):e64636.
- Osgood CE, May WH, Miron MS (1975) Cross-cultural universals of affective meaning. University of Illinois Press, Chicago
- Osgood, C.E., May, W.H. & Miron, M.S. (1975). Cross-cultural universals of affective meaning, Chicago: University of Illinois Press.
- Palejwala, M. H., & Fine, J. G. (2015). Gender differences in latent cognitive abilities in children aged 2 to 7. *Intelligence*, 48, 96-108.

- Parisi, J. M., Rebok, G. W., Xue, Q. L., Fried, L. P., Seeman, T. E., Tanner, E. K., ... & Carlson, M. C. (2012). The role of education and intellectual activity on cognition. *Journal of aging research*, 2012.
- Parsons K., (2003). Human thermal environments: the effects of hot, moderate, and cold environments on human health, comfort and performance. 2nd ed. New York: CRC Press; 2003.
- Parsons KC. Hampshire: Taylor & Francis; 2003. Human thermal environments; p. 500.
- Parsons KC. Heat stress standard ISO 7243 and its global application. *Ind Health*. 2006;44:368–79.
- Pavlova, M. A., Weber, S., Simoes, E., & Sokolov, A. N. (2014). Gender stereotype susceptibility. *PloS one*, 9(12), e114802.
- Pavlova, M. A., Wecker, M., Krombholz, K., & Sokolov, A. A. (2010). Perception of intentions and actions: gender stereotype susceptibility. *Brain research*, 1311, 81-85.
- Pawlik-Kienlen, L. (2008). Personality traits of lefties: The psychological characteristics of left-handed people. Retrieved from <http://psychology.suite101.com/article.cfm/personality-traits-of-lefties>.
- Pawloski, L.R., 2002. Growth and development of adolescent girls from the Segou region of Mali (West Africa). *American J. Physical Anthropol.*, 117: 364-372.
- Pena Reyes, , M.E., Tan, W.K.and Malina, R.M. 2003. Urban-rural contrasts in the physical fitness of school children in Oaxaca, Mexico. *American J. Human Biol.*, 15: 800-813.
- Perelle, I. B. & Ehrman, L. An international study of human handedness: the data. *Behav. Genet.* 24, 217–227 (1994).
- Piaget, J. (1936). *Origins of intelligence in the child*. London: Routledge & Kegan Paul.
- Piaget, J. (1975). L'équilibration des structures cognitives: Problème central du développement [Equilibration of cognitive structures: Central problem of development]. *Études d'Épistémologie Génétique*, 33.

- Piaget, J. (1983). Piaget's theory. In W. Kessen (Ed.), & P. H. Mussen (Series Ed.), *Handbook of child psychology: Vol. 1. History, theory, and methods* (pp. 103-126). New York: Wiley.
- Pongou R, Salomon JA, Ezzati M. Health impacts of macroeconomic crises and policies: determinants of variation in childhood malnutrition trends in Cameroon. *Int J Epidemiol.* 2006;35:648–656. [[PubMed](#)]
- Pruessner, J. C., Lord, C., Meaney, M. & Lupien, S. Effects of self-esteem on age-related changes in cognition and the regulation of the hypothalamic-pituitary-adrenal axis. *Ann. NY Acad. Sci.* 1032, 186–194 (2004)
- Quaiser-Pohl, C. & Lehmann, W. (2002). Girls' spatial abilities: charting the contributions of experiences and attitudes in different academic groups. *British Journal of Educational Psychology*, 72, 245-60
- R.N. Sen and S. Das (2000) An ergonomics study on compatibility of controls of overhead cranes in a heavy engineering factory in west bengal. *Applied Ergonomics*, 31 (2): 179-184.
- Raizada R., Richards TL., Meltzoff A.,¹ and Patricia K. Kuhl PK(2008).Socioeconomic status predicts hemispheric specialisation of the left inferior frontal gyrus in young children. *Neuroimage.* 2008 .40 (3): 1392–1401. doi: [10.1016/j.neuroimage.2008.01.021]
- Ramsey, JD.,Burford, CL., Beshir, MY., & Jensen, RC., (1983). Effects of workplace thermal conditions on safe work behavior. *J Safety Res*, 14, 105–114.
- Rapmund, G(2002) The limits of human performance: A point of view. *Aviation, Space, & Environmental Medicine*, 73, 508-514
- Ravallion M. Income effects on undernutrition. *Econ Dev Cult Change.* 1990;38:489–515.
- Raver, C.C., Blair, C., and Willoughby, M. (2013). Poverty as a predictor of 4- year-olds' executive function: new perspectives on models of differential susceptibility. *Dev. Psychol.* 49, 292–304.

- Raymond M, Pontier D, Dufour AB, Moller AP: Frequency- dependent maintenance of left handedness in humans. *Proc Biol Sci* 1996; 263: 1627–33.
- Raymond M, Pontier D, Dufour AB, Moller AP: Frequency- dependent maintenance of left handedness in humans. *Proc Biol Sci* 1996; 263: 1627–33.
- Reiss AL, Abrams MT, Singer HS, Ross JL, Denckla MB. Brain development, gender and IQ in children: A volumetric imaging study. *Brain* 1996;119:1763–74.
- Rhoads S: *Taking Sex Differences Seriously*. San Francisco: Encounter Books 2004: 4-5.
- Richter L. M., Daelmans B., Lombardi J., Heymann J., Boo F. L., Behrman J. R., et al. (2017). Investing in the foundation of sustainable development: pathways to scale up for early childhood development. *Lancet* 389 103–118. 10.1016/S0140-6736(16)31698-1
- Rilea, S.L., Roskos-Ewoldsen, B. & Boles, D. (2004). Sex differences in spatial ability: a lateralization of function approach. *Brain and Cognition*, 56, 332-43.
- Riley II, C. *Color Codes: Modern Theories of Color in Philosophy, Painting and Architecture, Literature, Music and Psychology*, University Press of New England, 1995
- Ritchie S. J., Bates T. C., Der G., Starr J. M., Deary I. J. (2013). Education is associated with higher later life IQ scores, but not with faster cognitive processing speed. *Psychol. Aging* 28 515–521 10.1037/a0030820
- Robert, Mich ě; Chevrier, Eliane (October 2003). "Does men's advantage in mental rotation persist when real three-dimensional objects are either felt or seen?". *Memory & Cognition*. **31** (7): 1136–1145. doi:10.3758/BF03196134. ISSN 0090-502X. PMID 14704028.
- Robinson L. R. (2017). Differences in health care, family, and community factors associated with mental, behavioral, and developmental disorders among children aged 2–8 years in rural and urban areas in the United States, 2011–2012. *MMWR Surveill. Summ.* 66 1–11. 10.15585/mmwr.ss6608a1

- Rosen, B., & Jerdee, T. H. (1976). The influence of age stereotypes on managerial decisions. *Journal of applied psychology*, 61(4), 428.
- Rosso, A. L., Flatt, J. D., Carlson, M. C., Lovasi, G. S., Rosano, C., Brown, A. F., ... & Gianaros, P. J. (2016). Neighborhood socioeconomic status and cognitive function in late life. *American journal of epidemiology*, 183(12), 1088-1097.
- Rutherford ME, Mulholland K, Hill PC. How access to health care relates to under-five mortality in sub-Saharan Africa: systematic review. *Tropical medicine & international health*. 2010 May;15(5):508-19.
- S. Bosbach, W. Prinz, and D. Kerzel (2005) Movement-based compatibility in simple response tasks. *European Journal of Cognitive Psychology*, 17 (5): 695-707.
- S.P. Wu (1997) Further studies on the spatial compatibility of four control-display linkages. *International Journal of Industrial Ergonomics*, 19 (5): 353-360.
- Saenz JL, Downer B, Garcia MA and Wong R. (2018) Cognition and Context: Rural–Urban Differences in Cognitive Aging among Older Mexican Adults. *Journal of Aging and Health* 2018, Vol. 30(6) 965 –986 © DOI: 10.1177/0898264317703560,
- Saenz, J. L., Downer, B., Garcia, M. A., & Wong, R. (2018). Cognition and context: rural–urban differences in cognitive aging among older mexican adults. *Journal of aging and health*, 30(6), 965-986.
- Sala-I-Martin, Xavier, Gernot Doppelhofer, and Ronald Miller. 2004. “Determinants of long-term growth: A Bayesian averaging of classical estimates (BACE) approach.” *American Economic Review* 94(4): 813–835
- Salinas, J. J., Al Snih, S., Markides, K., Ray, L. A., & Angel, R. J. (2010). The rural– urban divide: Health services utilization among older Mexicans in Mexico. *The Journal of Rural Health*, 26, 333-341. doi:10.1111/j.1748-0361.2010.00297.x
- Salthouse, T. A. (1984). Effects of age and skill in typing. *Journal of Experimental Psychology: General*, 113, 345-371.

- Salthouse, T. A. (1992). *Mechanisms of age-cognition relations in adulthood*. Hillsdale, NJ: Erlbaum.
- Sanchez PA, Swaminathan MS. Hunger in Africa: the link between unhealthy people and unhealthy soils. *Lancet*. 2005;365:442–444. [[PubMed](#)]
- Sanders M and McCormick EJ (1987). Information input and processing In human factor in engineering and designing (6th edition). McGraw-Hill International Editions.
- Sauer, J., Hockey, G. R. J., & Wastell, D. G. (1999) Performance evaluation in analogue space environments: Adaptation during an 8-month Antarctic wintering-over expedition. *Aviation, Space, & Environmental Medicine*, 70, 230-235.
- Schellenkens, J. M. H., Sijsma, G. J., Vegter, E. & Meijman, T. F. (2000). Immediate and delayed after- effect of long- lasting mentally demanding work. *Biological Psychology*,
- Schwartz S. H., A theory of cultural values and some implications for work. *Applied Psychology: An International Review* 1999; 48: 23-47.
- Scott, J. (2010). The incidence of agricultural subsidies in Mexico (No. DTE 473). CIDE, División de Economía. Retrieved from <http://econpapers.repec.org/paper/emcwpaper/dte473.htm>
- Scrimshaw NS, SanGiovanni JP. Synergism of nutrition, infection, and immunity: an overview. *The American journal of clinical nutrition*. 1997 Aug 1;66(2):464S-77S.
- Seidler, A. L., & Ritchie, S. J. (2018). The Association Between Socioeconomic Status and Cognitive Development in Children Is Partly Mediated by a Chaotic Home Atmosphere. *Journal of Cognition and Development*, 19(5), 486-508.
- Selye, H. (1998). A syndrome produced by diverse nocuous agents. 1936. *The Journal of Neuropsychiatry and Clinical Neurosciences*, 10(2), 230–231.
- Sen R.N and Das S. (2000) An ergonomics study on compatibility of controls of overhead cranes in a heavy engineering factory in west bengal. *Applied Ergonomics*, 31 (2): 179-184.

- Shah, A. K., Shafir, E., & Mullainathan, S. (2015). Scarcity frames value. *Psychological Science*, 26(4), 402– 12. <http://doi.org/10.1177/0956797614563958>
- Sherwin BB. Estrogen and Cognitive Functioning in Women. *Endocrine Reviews*. 2003;24(2):133–51. [PubMed]
- Singh T., Sharma S. , Nagesh S.(2017). Socio-economic status scales updated for 2017. *Int J Res Med Sci*. 5(7):3264-3267
- Singh, S. (2006). Impact of color on marketing. *Management Decision*, 44(6), 783-789.
- Singh-Manoux, A., Richards, M., & Marmot, M. (2005). Socioeconomic position across the lifecourse: How does it relate to cognitive function in mid-life? *Annals of Epidemiology*, 15, 572-578. doi:10.1016/j.annepidem.2004.10.007
- Sinnott, J.D. (1998). *The development of logic in adulthood: Postformal thought and its applications*. New York: Plenum Press.
- Sirin SR. Socioeconomic status and academic achievement: a meta-analytic review of research. *Rev. Educ. Res.* 2005;75:417–453.
- Sirin, S.R. (2005). Socioeconomic status and academic achievement: A metaanalytic review of research. *Rev. Educ. Res.* 75, 417–453.
- Slavin R. E. (2002). Evidence-based education policies: transforming educational practice and research. *Educ. Res.* 31 15–21. 10.3102/0013189X031007015
- Smith LC, Haddad L. How potent is economic growth in reducing undernutrition? What are the pathways of impact? New cross-country evidence. *Econ Dev Cult Change*. 2002;51:55–76.
- Smith LC, Ruel MT, Ndiaye A. Why is child malnutrition lower in urban than in rural areas? Evidence from 36 developing countries. *World Dev*. 2005;33:1285–1305.
- Smith, A., Carolyn Brice, C., Collins, A., Matthews, V. & Rachel McNamara, R. (2000). The scale of occupational stress: A further analysis of the impact of demographic factors and type of job HSE Contract Research Report No. 311/2000. Prepared by: Centre

for Occupational and Health Psychology School of Psychology, Cardiff University.
Retrieved from http://www.hse.gov.uk/research/crr_pdf/2000/crr00311.pdf

Social-Economic Status and Cognitive Performance among Chinese Aged 50 Years and Older

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https://www.researchgate.net/publication/310619470_Social-Economic_Status_and_Cognitive_Performance_among_Chinese_Aged_50_Years_and_Older [accessed May 01 2018].

Somers, M., Aukes, M. F., Ophoff, R. A., Boks, M. P., Flier, W., Kahn, R. S., & Sommer, I. E. (2015). On the relationship between degree of hand-preference and degree of language lateralization. *Brain and language*, 144, 10-15.

Sosnoff JJ, Broglio SP, Ferrara MS. Cognitive and motor function are associated following mild traumatic brain injury. *Experimental Brain Research* 2008, 187:563–563.

Spears, D. (2011). Economic Decision-Making in Poverty Depletes Behavioral Control. *The B.E. Journal of Economic Analysis & Policy*, 11(1), 1935–1682.
<http://doi.org/10.2202/1935-1682.2973>

Spears, D. (2013). Poverty and probability: aspiration and aversion to compound lotteries in El Salvador and India. *Experimental Economics*, 16(3), 263–284.
<http://doi.org/10.1007/s10683-012-9333-9>

Spence J. T. & Helmreich R. L: Masculinity & femininity: Their psychological dimensions, correlates, & antecedents. Austin: University of Texas Press 1978.

Stephan, W. G. (1989). A cognitive approach to stereotyping. In *Stereotyping and prejudice* (pp. 37-57). Springer, New York, NY.

Sternberg, R. (1985). *Beyond IQ: A triarchic theory of intelligence*. New York: Cambridge University Press.

Stevens GA, Finucane MM, Paciorek CJ, on behalf of Nutrition Impact Model Study Group (Child Growth) Trends in mild, moderate, and severe stunting and underweight, and

- progress towards MDG 1 in 141 developing countries: a systematic analysis of population representative data. *Lancet*. 2012;380:824–834. [[PubMed](#)]
- Stevens, G. A., Finucane, M. M., De-Regil, L. M., Paciorek, C. J., Flaxman, S. R., Branca, F., ... & Nutrition Impact Model Study Group. (2013). Global, regional, and national trends in haemoglobin concentration and prevalence of total and severe anaemia in children and pregnant and non-pregnant women for 1995–2011: a systematic analysis of population-representative data. *The Lancet Global Health*, 1(1), e16-e25.
- Strength and reversibility of movement stereotypes for lever control and circular display
- Stumpf, H. & Jackson, D. N. (1994). Gender-related differences in cognitive abilities: evidence from a medical school admissions program. *Personality and Individual Differences*, 17, 335–344.
- Subramanyam MA, Kawachi I, Berkman LF, Subramanian SV. Is economic growth associated with reduction in child undernutrition in India? *PLoS Med*. 2011;8:e1000424.[[PubMed](#)]
- Sundberg S. Agriculture, poverty and growth in Africa: linkages and policy challenges. *CAB Rev: Perspect Agric Vet Sci Nutr Nat Resour*. 2009;4:92.
- T. C. Wong ; Alan H. S. Chan, A Study of the Impact of Different Direction-of-Motion Stereotypes on Response Time and Response Accuracy Using Neural Network
- Takeda K, Shimoda N, Sato Y, Ogano M, Kato H (2010): Reaction time differences between left- and right-handers during mental rotation of hand pictures. *Laterality*. 15 (4):415-25. doi: 10.1080/13576500902938105.
- Taylor RW, Gold E, Manning P and Goulding A. Gender differences in body fat content are present well before puberty. *International Journal of Obesity* (1997) 21, 1082-1084
- Taylor, F. *Colour Technology for Artists, Craftsmen, and Industrial Designers*, Oxford University Press, 1962

- Teller, D., & Bornstein, M. H. (1987). Infant color vision and color perception. In P. Salapatek & L. Cohen (Eds.), *Handbook of infant perception*. Vol. 1. Orlando, FL: Academic Press. Pp. 185-236.
- Thijssen, J. H. H. (2002). Relations of Androgens and Selected Aspects of Human
- Tine M. (2017). “Growing up in Rural vs. Urban poverty: contextual, academic, and cognitive differences,” in *Poverty, Inequality and Policy*, ed. Staicu G., editor. (London: IntechOpen;), 14. 10.5772/intechopen.68581
- Tofle, R.B., Schwartz, B., Yoon, S., & Max-Royale, A. (2004). Color in Healthcare Environments: A Critical Review of the Research Literature. *California: The*
- Tsimeas, P.D., A.L. Tsiokanos, Y. Koutedakis, N. Tsigilis and S. Kellis, 2005. Does living in urban or rural settings affect aspects of physical fitness in children? An Allometric approach. *British J. Sport and Med.*, 39: 671- 674.
- Tun P. A. and Lachman M. E., “Age differences in reaction time and attention in a national telephone sample of adults: education, sex, and task complexity matter,” *Developmental Psychology*, vol. 44, no. 5, pp.1421-1429, 2008.
- UN . World urbanization prospects, the 2011 revision. Population Division of the Department of Economic and Social Affairs of the United Nations Secretariat; New York: 2011.
- UNICEF . Strategy for improved nutrition of children and women in developing countries. UNICEF; New York: 1990.
- Upadhayay N and Guragain S. Comparison of Cognitive Functions Between Male and Female Medical Students: A Pilot Study. *J. Clin Diagn Res.* 2014; 8(6): BC12 BC15. doi: 10.7860/JCDR/2014/7490.4449
- Utzinger J, Keiser J. Urbanization and tropical health—then and now. *Annals of Tropical Medicine & Parasitology*. 2006 Aug 1;100(5-6):517-33.
- Valdez, P., & Mehrabian, A. (1994). Effects of color on emotions. *Journal of Experimental Psychology: General*, 123(4), 394-409.

- Van Darr D, Deshe O (2002) Evaluation of a visual layering methodology for color coding control room displays. *Appl Ergon* 33:371–377
- Van Darr, D.& Deshe, O. (2002). Evaluation of a Visual Layering Methodology for Color Coding Control Room Displays, *Applied Ergonomics*, 33, 371-377.
- van Hooren, S. A. H., Valentijn, A. M., Bosma, H., Ponds, R. W. H. M., van Boxtel, M. P. J., & Jolles, J. (2007). Cognitive functioning in healthy older adults aged 64–81: A cohort study into the effects of age, sex, and education. *Aging, Neuropsychology, and Cognition*, 14, 40–54.
- Vasmatazidis, I., Schlegel, RE., & Hancock, PA., (2002). An investigation of heat stress effects on time- sharing performance. *Ergonomics*, 45, 218-239.
- Vijayalakshmi P, Thimmaiah R, Reddy SSN, Kathyayani BV, Gandhi S, Math SB. Gender Differences in Body Mass Index, Body Weight Perception, weight satisfaction, disordered eating and Weight control strategies among Indian Medical and Nursing Undergraduates. *Invest. Educ. Enferm.* 2017; 35(3):276-284
- Vijayalakshmi, P., Thimmaiah, R., Reddy, S., BV, K., Gandhi, S., & BadaMath, S. (2017). Gender Differences in Body Mass Index, Body Weight Perception, weight satisfaction, disordered eating and Weight control strategies among Indian Medical and Nursing Undergraduates. *Investigacion y educacion en enfermeria*, 35(3), 276-284.
- Vlachos, F., Gaillard, F., Vaitsis, K., & Karapetsas, A. (2013). Developmental Risk: Evidence from Large Nonright-Handed Samples. *Child Development Research*, 2013.
- Von Braun J, Ruel M, Gulati A. Accelerating progress toward reducing child malnutrition in India: A concept for action. International Food Policy Research Institute (IFPRI); 2008.
- Von Hippel, W., Sekaquaptewa, D., & Vargas, P. (1995). On the role of encoding processes in stereotype maintenance. In *Advances in experimental social psychology* (Vol. 27, pp. 177-254). Academic Press.

- Voracek M, Reimer B, Ertl C, Dressler SG: Digit ratio (2D:4D), lateral preferences, and performance in fencing. *Percept Mot Skills* 2006; 103: 427–46.
- Vrijkotte, T. G. M., Van Doornen, L. J. P. & De Geus E. J. C. (2000). Effects of work stress on ambulatory blood pressure, heart rate, and heart rate variability. *Hypertension*, 35 (4), 880–886.
- W.H. Chan and A.H.S. Chan (2003) Movement compatibility for rotary control and circular display computer simulated test and real hardware test. *Applied Ergonomics*, 34: 61-67.
- W.H. Chan and A.H.S. Chan (2006) A study on movement compatibility for lever control and circular display with computer simulated test. *Proceedings of the International Multi-Conference of Engineers and Computer Scientists (IMECS)* 20-22 June 2006, pp. 625-629.
- W.H. Chan and A.H.S. Chan (2006) Hardware test on movement compatibility for rotary control and digital display. *Proceedings of the International Multi-Conference of Engineers and Computer Scientists (IMECS)* 20-22 June 2006, pp. 721-725.
- W.H. Chan and A.H.S. Chan (2007) Strength and reversibility of movement stereotypes for lever control and circular display. *International Journal of Industrial Ergonomics*, 37: 233-244.
- W.H. Chan and Alan H.S. Chan. Movement stereotypes for common control-display configurations in human-machine interface. *IAENG international journal of computer science*, 2007, 33_2_8
- Warrick, M.J.: Direction of Movement in the Use of Control Knobs to Position Visual Indicators. USAF AMC Rep. No. 694-4C (1947)
- Wastell, D. G., & Newman, M. (1996) Stress, control and computer system design: A psychophysiological field study. *Behaviour & Information Technology*, 15, 183-192.
- Wastell, D. G., & Newman, M. (1996) Stress, control and computer system design: A psychophysiological field study. *Behaviour & Information Technology*, 15, 183-192.

- Watt, D. G. D. (1997) Pointing at memorized targets during prolonged microgravity. *Aviation, Space, & Environmental Medicine*, 68, 99-103
- Watt, D. G. D. (1997) Pointing at memorized targets during prolonged microgravity. *Aviation, Space, & Environmental Medicine*, 68, 99-103
- Wecker, N. S., Kramer, J. H., Hallam, B. J., & Delis, D. C. (2005). Mental flexibility: Age effects on switching. *Neuropsychology*, 19, 345–352.
- Weiner, N. C., & Robinson, S. E. (1986). Cognitive abilities, personality and gender differences in math achievement of gifted adolescents. *Gifted Child Quarterly*, 30(2), 83-87.
- Weiss, E.M., Kemmler, G., Deisenhammer, E.A., W. Fleischhacker, W.W., & Delazer, M. (2003). Sex differences in cognitive functions. *Personality and Individual Differences*, 35, 863–875
- What is Ergonomics? (2019) International Ergonomics Association. Retrieved from: <https://www.iea.cc/whats/index.html>
- Wheeler, M. E., & Fiske, S. T. (2005). Controlling racial prejudice: Social-cognitive goals affect amygdala and stereotype activation. *Psychological Science*, 16(1), 56-63.
- Whitfield KE & Willis S, 1998. Conceptual issues and analytic strategies for studying cognition in older African Americans. *African-American Research Perspectives*, 4 (1), 115-125
- WILDER G. Correlates of Gender Differences in Cognitive Functioning. College Board Report No. 96 03 College Entrance Examination Board, New York, 1996. <https://files.eric.ed.gov/fulltext/ED562635.pdf>
- Willems RM., Van der Haegen L., Fisher SE and Francks C. On the other hand: Including left-handers in cognitive neuroscience and neurogenetics. *Nature Reviews Neuroscience* ·2014

- Witelson SF: The brain connection: the corpus callosum is larger in left-handers. *Science* 1985; 229: 665-8
- Wong, R., & D áz, J. J. (2007). Health care utilization among older Mexicans: Health and socioeconomic inequalities. *Salud Pública de México*, 49, s505-s514. doi:10.1590/S0036-36342007001000010
- Wong, R., & Palloni, A. (2009). Aging in Mexico and Latin America. In P. Uhlenberg (Ed.), *International handbook of population aging* (pp. 231-252). The Netherlands: Springer. Retrieved from http://link.springer.com/chapter/10.1007/978-1-4020-8356-3_11
- Woods D. L., Wyma J. M., E. William Yund E.W., Herron T.J., and Bruce R (2015). Factors influencing the latency of simple reaction time. *Front Hum Neurosci*. 9: 131. doi: [10.3389/fnhum.2015.00131]
- World Bank . World development report 2008: agriculture for development. World Bank; Washington DC: 2008.
- World Health Organization. (2006). WHO child growth standards: length/height-for-age, weight-for-age, weight-for-length, weight-for-height and body mass index-for-age: methods and development.
- Worringham C.J. and. Beringer D.B (1998) Directional stimulus-response compatibility: a test of three alternative principles. *Ergonomics*, 41(6): 864–880.
- Wright, C. B., Festa, J. R., Paik, M. C., Schmiedigen, A., Brown, T. R., Yoshita, M., ... & Stern, Y. (2008). White matter hyperintensities and subclinical infarction: associations with psychomotor speed and cognitive flexibility. *Stroke*, 39(3), 800-805.
- Wu, F., Guo, Y., Zheng, Y., Ma, W., Kowal, P., Chatterji, S., & Wang, L. (2016). Social-economic status and cognitive performance among Chinese aged 50 years and older. *PloS one*, 11(11), e0166986.

- Xiang, Y., Zare, H., Guan, C., & Gaskin, D. (2018). The impact of rural-urban community settings on cognitive decline: results from a nationally-representative sample of seniors in China. *BMC geriatrics*, 18(1), 323.
- Yang, L., Martikainen, P., Silventoinen, K., & Konttinen, H. (2016). Association of socioeconomic status and cognitive functioning change among elderly Chinese people. *Age and ageing*, 45(5), 674-680.
- Yip WC-M, Hsiao WC, Chen W, Hu S, Ma J, Maynard A. Early appraisal of China's huge and complex health-care reforms. *Lancet*. 2012;379:833–842. [[PubMed](#)]
- Yoshikawa H., Aber J. L., Beardslee W. R. (2012). The effects of poverty on the mental, emotional, and behavioral health of children and youth: implications for prevention. *Am. Psychol.* 67 272–284. 10.1037/a0028015
- Yu R.F. and Chan A.H.S. (2004) Comparative research on response stereotypes for daily operation tasks of Chinese and American engineering students. *Perceptual and Motor Skills*, 98 (1): 179-191.
- Zaidi ZF. Gender Differences in Human Brain: A Review. *The Open Anatomy Journal*. 2010;2:37–55.
- Zarate, M. A., & Smith, E. R. (1990). Person categorization and stereotyping. *Social cognition*, 8(2), 161-185.
- Zuo, B., Wen, F., Wang, M., & Wang, Y. (2019). The Mediating Role of Cognitive Flexibility in the Influence of Counter-Stereotypes on Creativity. *Frontiers in psychology*, 10.