

Probit analysis of thermal sensation assessments

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Thermal comfort in milking parlours. <i>Applied Ergonomics</i> , 1978, 9, 223-230.	3.1	1
2	THERMAL COMFORT STUDIES SINCE 1958. <i>Architectural Science Review</i> , 1978, 21, 86-92.	2.2	12
3	Towards a psycho-physiological model of thermal perception. <i>International Journal of Biometeorology</i> , 1981, 25, 109-122.	3.0	249
4	The Graphic Scale of Thermal Sensation. <i>Architectural Science Review</i> , 1981, 24, 90-93.	2.2	3
5	The thermal environment in offices. <i>Energy and Buildings</i> , 1982, 5, 109-116.	6.7	22
6	Air conditioning in a tropical climate: Impacts upon European residents in Darwin, Australia. <i>International Journal of Biometeorology</i> , 1986, 30, 259-282.	3.0	33
7	Indoor climate and thermal comfort in high-rise public housing in an equatorial climate: A field-study in Singapore. <i>Atmospheric Environment Part B Urban Atmosphere</i> , 1990, 24, 313-320.	0.5	18
8	Thermal comfort in the humid tropics: Field experiments in air conditioned and naturally ventilated buildings in Singapore. <i>International Journal of Biometeorology</i> , 1991, 34, 259-265.	3.0	171
9	Thermal Preference Methodology Information for Designers. <i>Architectural Science Review</i> , 1991, 34, 85-92.	2.2	6
10	A Field Study to Determine Inside Design Conditions for Malaysian Air Conditioning Systems. <i>Architectural Science Review</i> , 2001, 44, 83-99.	2.2	5
11	A field study of thermal comfort in outdoor and semi-outdoor environments in subtropical Sydney Australia. <i>Building and Environment</i> , 2003, 38, 721-738.	6.9	546
12	Characterization of Mainstream Cigarette Smoke-Induced Biomarker Responses in ICR and C57Bl/6 Mice. <i>Inhalation Toxicology</i> , 2004, 16, 701-719.	1.6	30
13	Adaptive thermal comfort standards in the hot-humid tropics. <i>Energy and Buildings</i> , 2004, 36, 628-637.	6.7	326
14	Weather sensitivity in household appliance energy end-use. <i>Energy and Buildings</i> , 2004, 36, 161-174.	6.7	73
15	Thermal comfort in outdoor urban spaces: Analysis across different European countries. <i>Building and Environment</i> , 2006, 41, 1455-1470.	6.9	503
16	Pulmonary Inflammation in Mice Exposed to Mainstream Cigarette Smoke. <i>Inhalation Toxicology</i> , 2007, 19, 361-376.	1.6	37
17	Thermal Comfort Requirements for Occupants of Semi-Outdoor and Outdoor Environments in Hot-Humid Regions. <i>Architectural Science Review</i> , 2007, 50, 357-364.	2.2	127
18	Patient thermal comfort requirement for hospital environments in Taiwan. <i>Building and Environment</i> , 2007, 42, 2980-2987.	6.9	101

#	ARTICLE	IF	CITATIONS
19	Subjective responses and comfort reception in transitional spaces for guests versus staff. <i>Building and Environment</i> , 2008, 43, 2013-2021.	6.9	31
20	Short-term prediction of household electricity consumption: Assessing weather sensitivity in a Mediterranean area. <i>Renewable and Sustainable Energy Reviews</i> , 2008, 12, 2040-2065.	16.4	107
22	Additive model for thermal comfort generated by matrix experiment using orthogonal array. <i>Building and Environment</i> , 2009, 44, 1730-1739.	6.9	30
23	Thermal perception, adaptation and attendance in a public square in hot and humid regions. <i>Building and Environment</i> , 2009, 44, 2017-2026.	6.9	529
24	Air movement acceptability limits and thermal comfort in Brazil's hot humid climate zone. <i>Building and Environment</i> , 2010, 45, 222-229.	6.9	164
25	Passenger thermal perceptions, thermal comfort requirements, and adaptations in short- and long-haul vehicles. <i>International Journal of Biometeorology</i> , 2010, 54, 221-230.	3.0	36
26	Effect of thermal adaptation on seasonal outdoor thermal comfort. <i>International Journal of Climatology</i> , 2011, 31, 302-312.	3.5	181
27	Tourism climate information based on human thermal perception in Taiwan and Eastern China. <i>Tourism Management</i> , 2011, 32, 492-500.	9.8	95
28	Evaluating the behaviour of different thermal indices by investigating various outdoor urban environments in the hot dry city of Damascus, Syria. <i>International Journal of Biometeorology</i> , 2013, 57, 615-630.	3.0	125
29	Development of an adaptive thermal comfort equation for naturally ventilated buildings in hot-humid climates using ASHRAE RP-884 database. <i>Frontiers of Architectural Research</i> , 2013, 2, 278-291.	2.8	140
30	Correlations in thermal comfort and natural wind. <i>Journal of Thermal Biology</i> , 2013, 38, 419-426.	2.5	23
31	Thermal Comfort for Urban Parks in Subtropics: Understanding Visitor's Perceptions, Behavior and Attendance. <i>Advances in Meteorology</i> , 2013, 2013, 1-8.	1.6	42
32	A Field Study on Thermal Comfort of Traditional Metal Processing Factories. <i>Applied Mechanics and Materials</i> , 0, 587-589, 443-448.	0.2	0
33	Empirical calibration of thermal indices in an urban outdoor Mediterranean environment. <i>Building and Environment</i> , 2014, 80, 283-292.	6.9	75
34	Adaptive Thermal Comfort: Foundations and Analysis. , 0, , .		35
35	A generalized thermal perception approach for indoor thermal comfort assessment in the humid tropics of Malaysia. <i>Energy and Buildings</i> , 2015, 88, 276-287.	6.7	6
36	Impact of shade on outdoor thermal comfort—a seasonal field study in Tempe, Arizona. <i>International Journal of Biometeorology</i> , 2016, 60, 1849-1861.	3.0	222
37	Seasonal differences in the subjective assessment of outdoor thermal conditions and the impact of analysis techniques on the obtained results. <i>International Journal of Biometeorology</i> , 2016, 60, 1615-1635.	3.0	64

#	ARTICLE	IF	CITATIONS
38	Management of shading and public places. , 2016, , 49-77.		2
39	Urban thermal comfort in the tropics. , 2016, , 163-204.		2
40	Outdoor thermal comfort in the Mediterranean area. A transversal study in Rome, Italy. Building and Environment, 2016, 96, 46-61.	6.9	186
41	Outdoor thermal sensation in a Mediterranean climate (Athens): The effect of selected microclimatic parameters. Architectural Science Review, 2016, 59, 190-202.	2.2	21
42	Thermal perception of outdoor urban spaces in the hot arid region of Cairo, Egypt. Sustainable Cities and Society, 2016, 22, 136-145.	10.4	96
43	Determination and application of outdoor thermal benchmarks. Building and Environment, 2017, 123, 333-350.	6.9	78
44	Temporarily occupied space with metabolic-rate-initiated thermal overshoots—A case study in railway stations in transition seasons. Building and Environment, 2017, 122, 184-193.	6.9	18
45	The influence of relative humidity on adaptive thermal comfort. Building and Environment, 2017, 124, 171-185.	6.9	116
46	Study of thermal satisfaction in an Australian educational precinct. Building and Environment, 2017, 123, 119-132.	6.9	47
47	Role of work uniform in alleviating perceptual strain among construction workers. Industrial Health, 2017, 55, 76-86.	1.0	12
48	Outdoor thermal comfort in public space in warm-humid Guayaquil, Ecuador. International Journal of Biometeorology, 2018, 62, 387-399.	3.0	86
49	The outdoor thermal benchmarks in Melbourne urban climate. Sustainable Cities and Society, 2018, 43, 587-600.	10.4	31
50	Subjective outdoor thermal comfort and urban green space usage in humid-subtropical Hong Kong. Energy and Buildings, 2018, 173, 150-162.	6.7	87
51	Thermal sensation and climate: a comparison of UTCI and PET thresholds in different climates. International Journal of Biometeorology, 2018, 62, 1695-1708.	3.0	50
52	Energy flexibility for heating and cooling based on seasonal occupant thermal adaptation in mixed-mode residential buildings. Energy, 2019, 189, 116339.	8.8	32
53	Perception of Wind in Open Spaces. Climate, 2019, 7, 106.	2.8	7
54	Understanding differences in thermal comfort between urban and rural residents in hot summer and cold winter climate. Building and Environment, 2019, 165, 106393.	6.9	56
55	Outdoor thermal sensation and logistic regression analysis of comfort range of meteorological parameters in Hong Kong. Building and Environment, 2019, 155, 175-186.	6.9	41

#	ARTICLE	IF	CITATIONS
56	How "hot" is too hot? Evaluating acceptable outdoor thermal comfort ranges in an equatorial urban park. <i>International Journal of Biometeorology</i> , 2019, 63, 801-816.	3.0	50
57	Outdoor thermal comfort of shaded spaces in an urban park in the cold region of China. <i>Building and Environment</i> , 2019, 155, 408-420.	6.9	115
58	Thermal adaptations and logistic regression analysis of thermal comfort in severe cold area based on two case studies. <i>Energy and Buildings</i> , 2019, 205, 109560.	6.7	25
59	Tourists' Thermal Experience and Health in a Commercial Pedestrianized Block: A Case Study in a Hot and Humid Region of Southern China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 5072.	2.6	2
60	Effects of windward and leeward wind directions on outdoor thermal and wind sensation in Tehran. <i>Building and Environment</i> , 2019, 150, 164-180.	6.9	12
61	Influence of long-term thermal history on thermal comfort and preference. <i>Energy and Buildings</i> , 2020, 210, 109685.	6.7	54
62	Urbanites' thermal perception in informal settlements of warm-humid Dar es Salaam, Tanzania. <i>Urban Climate</i> , 2020, 31, 100564.	5.7	10
63	Urbanites' outdoor thermal comfort in the informal urban fabric of warm-humid Dar es Salaam, Tanzania. <i>Sustainable Cities and Society</i> , 2020, 62, 102380.	10.4	14
64	Higher comfort temperature preferences for anthropometrically matched Chinese and Japanese versus white-western-middle-European individuals using a personal comfort / cooling system. <i>Building and Environment</i> , 2020, 183, 107162.	6.9	17
65	Outdoor thermal perception and comfort conditions in the Köppen-Geiger climate category BSk. One-year field survey and measurement campaign in Konya, Turkey. <i>Science of the Total Environment</i> , 2020, 738, 140295.	8.0	16
66	Summer outdoor thermal benchmarks in Melbourne: Applications of different techniques. <i>Building and Environment</i> , 2021, 195, 107658.	6.9	6
67	How to design comfortable open spaces for the elderly? Implications of their thermal perceptions in an urban park. <i>Science of the Total Environment</i> , 2021, 768, 144985.	8.0	63
68	Dynamic thermal pleasure in outdoor environments - temporal alliesthesia. <i>Science of the Total Environment</i> , 2021, 771, 144910.	8.0	29
69	Determination of Thermal Comfort Zones through Comparative Analysis between Different Characterization Methods of Thermally Dissatisfied People. <i>Buildings</i> , 2021, 11, 320.	3.1	13
70	Assessing The Thermal Comfort Conditions In Open Spaces: A Transversal Field Survey On The University Campus In India. <i>Jurnal Alam Bina</i> , 2021, 8, 77-92.	0.5	6
71	Improving the suitability of selected thermal indices for predicting outdoor thermal sensation in Tehran. <i>Sustainable Cities and Society</i> , 2021, 74, 103205.	10.4	17
72	Perceptions of human thermal comfort in an urban tourism destination " A case study of Porto (Portugal). <i>Building and Environment</i> , 2021, 205, 108246.	6.9	33
73	Field Survey on Human Thermal Comfort Reports in Air-Conditioned Offices in Taiwan. <i>Open Construction and Building Technology Journal</i> , 2007, 1, 8-13.	0.7	11

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74	THERMAL COMFORT: COOLING NEEDS AND CRITERIA FOR DARWIN AND THE NORTH. , 1984, , 295-331.		0
75	Thermal Comfort Control in Air-Conditioned Buildings: new data-driven approaches to Neutral Temperature estimation. , 2019, ,		0
76	Subjective assessment of thermal comfort by radiant cooling in a tropical hot humid climate. Energy and Buildings, 2022, 254, 111601.	6.7	4
77	Factors influencing resident and tourist outdoor thermal comfort: A comparative study in China's cold region. Science of the Total Environment, 2022, 808, 152079.	8.0	41
78	Meta-analysis of outdoor thermal comfort surveys in different European cities using the RUROS database: The role of background climate and gender. Energy and Buildings, 2022, 256, 111757.	6.7	8
79	Evaluating outdoor thermal comfort in urban open spaces in a humid subtropical climate: Chandigarh, India. Building and Environment, 2022, 209, 108659.	6.9	19
80	A larger statistical basis and a wider application area of a re-derived PPD equation in the (NEN-)EN-ISO 7730 model. Intelligent Buildings International, 2023, 15, 170-174.	2.3	0
81	A systematic review advocating a framework and benchmarks for assessing outdoor human thermal perception. Science of the Total Environment, 2022, 833, 155128.	8.0	33
82	Addressing a systematic error correcting for free and mixed convection when measuring mean radiant temperature with globe thermometers. Scientific Reports, 2022, 12, 6473.	3.3	13
83	Study on Winter Comfort Temperature in Mixed Mode and HVAC Office Buildings in Japan. Energies, 2022, 15, 7331.	3.1	8
84	Study on outdoor thermal comfort of factory areas during winter in hot summer and cold winter zone of China. Building and Environment, 2023, 228, 109883.	6.9	19
85	Investigation of Thermal Adaptation and Development of an Adaptive Model under Various Cooling Temperature Settings for Studentsâ€™ Activity Rooms in a University Building in Malaysia. Buildings, 2023, 13, 36.	3.1	4
86	Assessment of urban physical features on summer thermal perceptions using the local climate zone classification. Building and Environment, 2023, 236, 110265.	6.9	5
87	Recent Advances in Thermoregulatory Clothing: Materials, Mechanisms, and Perspectives. ACS Nano, 2023, 17, 1803-1830.	14.6	46
88	A Review on Adaptive Thermal Comfort of Office Building for Energy-Saving Building Design. Energies, 2023, 16, 1524.	3.1	19
89	Adaptive thermal comfort for energy saving office building design- A literature review. E3S Web of Conferences, 2023, 396, 01083.	0.5	0
90	Field investigation of thermal comfort with face masks in outdoor spaces in South China: A case study. Urban Climate, 2023, 51, 101632.	5.7	3
91	An experimental study of thermal comfort zone extension in the semi-open spray space. Developments in the Built Environment, 2023, 15, 100217.	4.0	5

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92	Effect of water mist stimulation on dynamic thermal response of pedestrians in summer. <i>Building and Environment</i> , 2023, 246, 110988.	6.9	2
93	Summer outdoor thermal comfort assessment in city squares—A case study of cold dry winter, hot summer climate zone. <i>Sustainable Cities and Society</i> , 2024, 101, 105062.	10.4	4
94	Evaluating and improving the adaptability of commonly used indices for predicting outdoor thermal sensation in hot and humid residential areas of China. <i>Developments in the Built Environment</i> , 2023, 16, 100278.	4.0	3
95	Experimental evaluation of thermal adaptation and transient thermal comfort in a tropical mixed-mode ventilation context. <i>Building and Environment</i> , 2024, 248, 111043.	6.9	0
96	Assessing and enhancing the applicability of standard effective temperature in outdoor thermal sensation prediction for continental climates. <i>Energy and Buildings</i> , 2024, 305, 113894.	6.7	0