

Abbreviations

ACEs	active community environments
AIC	Akaike information criterion
APGAR	adaptation, partnership, growth, affection, resolve
ARI	acute respiratory infections
ARIC	Atherosclerosis Risk in Communities
ASA	angular segment analysis
BALTS	Baltimore Active Living Teens Study
BATS	Bay Area Travel Survey
BE	built environment
BEAT	Built Environment Assessment Tool
BEPAS	Belgian Environmental Physical Activity Study
BESSC	Built Environment Site Survey Checklist
BG	block group
BIC	Bayesian information criterion
BMI	body mass index
BRFSS	Behavioural Risk Factor Surveillance System
CAAL	Child/Adolescent Activity Log
CaPS	Caerphilly Prospective Study
CAS	complex adaptive systems
CATI	computer-assisted telephone interview
CBD	central business district
CCD	census collection district
CCHS	Canadian Community Health Survey
CDC	Centers for Disease Control and Prevention
CES-D	Center for Epidemiologic Studies Depression Scale
CHD	coronary heart disease
CHS	Community Health Survey (New York City)
CI	confidence interval
CIS-R	Revised Clinical Interview Schedule
CMSA	consolidated metropolitan statistical area
CO	carbon monoxide
CO ₂	carbon dioxide
COPD	chronic obstructive pulmonary disease
Cred.I	credible interval

CVD	cardiovascular disease
DALYs	disability-adjusted life-years
DHAs	district health authorities
DSSI	Duke Social Support Index
DTM	digital terrain model
DZ	data zone
ETS	environmental tobacco smoke
FAR	floor area ratio
GDP	gross domestic product
G–E	gene–environment
GGHB	Greater Glasgow Health Board
GHQ	General Health Questionnaire
GIS	geographic information system
GLLAMM	generalized linear latent and mixed models
GP	general practitioner
GWAS	genome-wide association studies
HADS	Hospital Anxiety and Depression Scale
HANAH	Housing and Neighbourhood and Health
HCl	hydrogen chloride
HHI	Herfindahl–Hirschman Index
HIMS	Health in Men Study
HIV	human immunodeficiency virus
HNC	household–neighbourhood–city
HNO ₂	nitrous acid
HNO ₃	nitric acid
HRQoL	health-related quality of life
HSE	Health Survey for England
ICSU	International Council for Science
IHD	ischaemic heart disease
IPAQ	International Physical Activity Questionnaire
IPS	International Physical Activity Prevalence Study
ITN	Integrated Transport Network
LA	local authority
L.A.FANS	Los Angeles Family and Neighborhood Study
LARES	Review of European Housing and Health Status
LGA	local governing area
LSOA	lower super output area
LU	land use
LUM	land use mix
MCMC	Markov Chain Monte Carlo
MESA	Multi-Ethnic Study of Atherosclerosis
METS	metabolic syndrome

MI	myocardial infarction
MoNAT	Montreal Neighbourhood Assessment Tool
MSOA	middle super output area
MVPA	moderate to vigorous physical activity
NALP	Neighbourhood Active Living Potential
NBZ	network buffer zone
NDVI	Normalized Difference Vegetation Index
NEWS	Neighbourhood Environment Walkability Scale
NHANES	National Health and Nutrition Examination Survey
NHS	National Health Service
NHTS	National Household Travel Survey
NICE	National Institute for Health and Clinical Excellence
NIHL	noise-induced hearing loss
NO ₂	nitrogen dioxide
NO _x	oxides of nitrogen
NPAQ	Neighbourhood Physical Activity Questionnaire
NPTS	National Personal Transportation Survey
NQLS	Neighbourhood Quality of Life Study
O ₃	ozone
OPCS	Office of Population Censuses and Surveys
OR	odds ratio
OS	Ordnance Survey
OSM	Ordnance Survey MasterMap
PA	physical activity
PACW	physically active commuting to work
PANES	Physical Activity Neighbourhood Environment Survey
PCS	postcode sector
PEDS	Pedestrian Environmental Data Scan
PERI	Psychiatric Epidemiological Research Instrument
PLACE	Physical Activity in Localities and Community Environments
PM	particulate matter
POR	prevalence odds ratio
ppm	parts per million
PR	prevalence ratio
QoL	quality of life
REAT	Residential Environment Assessment Tool
RESIDE	RESIDential Environment project
SAD	seasonal affective disorder
SAR	sample of anonymized records
SD	standard deviation
sDNA	spatial Design Network Analysis

sDNA-UH	spatial Design Network Analysis for Urban Health
SE	standard error
SEAs	state economic areas
SEID1	Study of Environmental and Individual Determinants
SES	socio-economic status
SHAPE	Senior Health and Physical Exercise
SMARTRAQ	Strategies for Metropolitan Atlanta's Regional Transportation and Air Quality
SofC	sense of community
SOV	single-occupant vehicle
SPACES	Systematic Pedestrian and Cycling Environmental Scan
spc	standardized path coefficient
SVOCs	semi-volatile organic compounds
SWAT	Scottish Walkability Assessment Tool
SWEAT	Senior Walking Environmental Assessment Tool
TAZ	traffic analysis zone
TIA	transient ischaemic attack
TREC-IDEA	Trans-disciplinary Research on Energetics and Cancer – Identifying Determinants of Eating and Activity
UMBECS	University of Miami Built Environment Coding System
USEPA	US Environmental Protection Agency
VHT	vehicle hours of travel
VIFs	variance inflation factors
VOCs	volatile organic compounds
WBC	Walkable and Bikeable Communities
WHO	World Health Organization
WIMD	Welsh Index of Multiple Deprivation
WOMAN	Women on the Move through Activity and Nutrition
WPS	Walkable Places Survey

