Stress, vulnerability and resilience: a developmental approach

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Citation for published version (APA):

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List of abbreviations

A  adenine
A&ATE  adenotomy or adenotonsillectomy
ACTH  adrenocorticotrophic hormone
ADHD  attention deficit hyperactivity disorder
AGFI  adjusted for degrees of freedom (statistics)
ANOVA  analysis of variance (statistics)
ANS  autonomic nervous system
APOE  apolipoprotein E
ARS  Adolescent Resilience Scale
β  standardized coefficient (statistics)
BL  birth length
BMI  body mass index
BW  birth weight
BW/GA  birth weight adjusted for gestational age
BDNF  brain derived neurotrophic factor
C  cytosine
CAPS  Clinician-Administered Post-Traumatic Stress Disorder Scale
CBCL  Child Behavior Checklist
CD-RISS  Connor-Davidson Resilience Scale
CI  confidence interval (statistics)
CIA  Central Intelligence Agency
cm  centimeter
CRH  corticotropin releasing hormone
CRIES-13  Children's Impact of Event Scale (13 items)
CSHQ  Children's Sleep Habits Questionnaire
dSNP  single nucleotide polymorphism database
DAT  dopamine transporter gene
DevOS  Developmental Origins Singapore
DF  variance (statistics)
DNA  deoxyribonucleic acid
DRD2  dopamine receptor D2
DRD4  dopamine receptor D4
DSM-IV  diagnostic and statistical manual of mental disorders, 4th edition
DVVA  dermal vasoconstrictor assay
E  environment
EAS  Emotionality, Adaptability, Sociability
ECG  electrocardiography
EFA  exploratory factor analysis (statistics)
Ensembl gene  gene ensemble
EMR  early morning rise in amount of cortisol
ENT  ear nose and throat
ERP  event related potential
EU  European Union
F  F test, Fisher test (statistics)
g  grams
G  gestational age
GABA  gamma aminobutyric acid
GABRB3  GABA A receptor beta 3 subunit gene
GAS  general adaptation syndrome
GDP  gross domestic product
GHQ-28  General Health Questionnaire (28 items)
GFI  goodness of fit index (statistics)
Gt  genotype
GtI  genotype infant
GtM  genotype mother
G x E  interaction  gene - environment interaction
GR  glucocorticoid receptor
GR gene  glucocorticoid receptor gene
GUSTO  Growing up in Singapore Towards Healthy Outcomes
HC  head circumference
HPA  hypothalamic pituitary adrenal axis
11 beta HSD-2  11 beta-hydroxysteriod dehydrogenase type 2
5-HTT  serotonin transporter (also SERT)
5-HTTLPR  serotonin transporter promoter region
HTR  5-hydroxytryptamine
HTR2A  5-hydroxytryptamine 2A receptor
List of abbreviations

5-HTTPR serotonin transporter polymorphism
HWE Hardy-Weinberg equilibrium
HWE UNAFF Hardy-Weinberg equilibrium number of unaffected individuals
IQ intelligence quotient
kg kilograms
KNV knee-nose-ear
L allele long allele
LD linkage disequilibrium
LQ-DST low dose dexamethasone suppression test
LDL low density lipoprotein
Ls heterozygous, long and short allele
LL homozygous for two long alleles
M mean (statistics)
MA master of arts
MAF minor allele frequency
MAOA monoamine oxidase A
MD Doctor of Medicine
Met methionine
MR mineralocorticoid receptor
MRI magnetic resonance imaging
mRNA messenger RNA
MSc master of science
n sample number/number of observations (statistics)
NAA N-acetylaspartate
NE norepinephrine
NPY neuropeptide Y
P P-value
PBMC peripheral blood mononuclear cell
PNS parasympathetic nervous system
Pv probability (statistics)
PTSD posttraumatic stress disorder
PTSS posttraumatische stress stoornis
r correlation coefficient (statistics)
RNA ribonucleic acid
RMSSEA root mean square error of approximation (statistics)
RoSNP officially registered SNP, which has given an (rs) identifier number by dbSNP
RS Resilience Scale
RSA respiratory sinus arrhythmia
RSCL Resilience Scales for Children and Adolescents
RPM Raven's Progressive Matrices
S allele short allele
SAM sympathetic adrenergic medullary axis
SCID Structural Clinical Interview for DSM-IV diagnosis
SCL solute carrier family neurotransmitter transporter
SCL6A4 solute carrier family 6 neurotransmitter transporter, serotonin, member 4
SCORM Singapore Cohort Study of Risk Factors in Myopia
SD standard deviation (statistics)
SEM structural equation modelling (statistics)
SERT serotonin transporter (also 5-HTT)
SNS sympathetic nervous system
SNP single nucleotide polymorphisms
SPPS statistical package for the social sciences
SS homozygous for two short alleles
STAI Spielberger State-Trait Anxiety Inventory
SYRESS Singapore Youth Resilience Scale
t t-test (statistics)
T thymine
T-scale (CBCL) normalized scores (on CBCL)
T102C 5-hydroxytryptamine 2A receptor polymorphism (rs6313)
TPH tryptophan hydroxylase
TPH2 tryptophan hydroxylase 2
TRF Teacher Rating Form
USA United States of America
US United States
Val valine
VCL Vrijburg Christelijk Lyceum
VNTR variable number tandem repeat
VS Verenigde Staten
WHOQOL-BREF World Health Organization Quality of Life Assessment-Beef
WISC Wechsler Intelligence Scale for Children
x “in interaction with”