

# Resource Summary Report

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## PEDSTATS

RRID:SCR\_009323

Type: Tool

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### Proper Citation

PEDSTATS (RRID:SCR\_009323)

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### Resource Information

**URL:** <http://www.sph.umich.edu/csg/abecasis/Pedstats/>

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**Description:** Software application for error checking and data summary of large or small data sets in QTDT, LINKAGE or MENDEL format. Checks for basic formatting errors, disconnected family groups, ancestor-descendant loops and can detect all Mendelian (including X-linked) inheritance errors in any pedigree without loops. Produces text and graphical (PDF) summaries of the family structure, trait and marker information of pedigree data and can break down summaries by sex, relative pair type or family. PEDSTATS also does Hardy-Weinberg testing using either a fast exact or asymptotic test and can summarize information in text or graphical PDF format. Additional features include a number of options for filtering data prior to summary and checks for inappropriate age or covariate values. Lastly, PEDSTATS can identify and trim uninformative individuals from a pedigree and rewrite the reorganized data to a new pedigree file. (entry from Genetic Analysis Software)

**Abbreviations:** PEDSTATS

**Resource Type:** software application, software resource

**Keywords:** gene, genetic, genomic, c, c++, linux, unix, ms-windows

**Resource Name:** PEDSTATS

**Resource ID:** SCR\_009323

**Alternate IDs:** nlx\_154529

**Record Creation Time:** 20220129T080252+0000

**Record Last Update:** 20260727T040448+0000

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### Ratings and Alerts

No rating or validation information has been found for PEDSTATS.

No alerts have been found for PEDSTATS.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 30 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [SPARC SAWG](#) .

Yang K, et al. (2023) Whole Genome Resequencing Revealed the Genetic Relationship and Selected Regions among Baicheng-You, Beijing-You, and European-Origin Broilers. *Biology*, 12(11).

Nudel R, et al. (2020) Language deficits in specific language impairment, attention deficit/hyperactivity disorder, and autism spectrum disorder: An analysis of polygenic risk. *Autism research : official journal of the International Society for Autism Research*, 13(3), 369.

Kirin M, et al. (2017) Determinants of retinal microvascular features and their relationships in two European populations. *Journal of hypertension*, 35(8), 1646.

Li Z, et al. (2017) Genome-wide genetic structure and differentially selected regions among Landrace, Erhualian, and Meishan pigs using specific-locus amplified fragment sequencing. *Scientific reports*, 7(1), 10063.

Avinun R, et al. (2017) Parental brain-derived neurotrophic factor genotype, child prosociality, and their interaction as predictors of parents' warmth. *Brain and behavior*, 7(5), e00685.

Sung YJ, et al. (2016) Genome-wide association studies suggest sex-specific loci associated with abdominal and visceral fat. *International journal of obesity (2005)*, 40(4), 662.

Morales F, et al. (2016) A polymorphism in the MSH3 mismatch repair gene is associated with the levels of somatic instability of the expanded CTG repeat in the blood DNA of myotonic dystrophy type 1 patients. *DNA repair*, 40, 57.

Peter B, et al. (2016) Genetic Candidate Variants in Two Multigenerational Families with Childhood Apraxia of Speech. *PloS one*, 11(4), e0153864.

Xu J, et al. (2016) Gender-Specific Association of ATP2B1 Variants with Susceptibility to Essential Hypertension in the Han Chinese Population. *BioMed research international*, 2016, 1910565.

Ben-Israel S, et al. (2015) Dopamine D4 receptor polymorphism and sex interact to predict children's affective knowledge. *Frontiers in psychology*, 6, 846.

Si J, et al. (2015) Genetic associations and shared environmental effects on the skin microbiome of Korean twins. *BMC genomics*, 16, 992.

Kim S, et al. (2015) Non-coding genomic regions possessing enhancer and silencer potential are associated with healthy aging and exceptional survival. *Oncotarget*, 6(6), 3600.

Garnai SJ, et al. (2014) Congenital cataracts: de novo gene conversion event in CRYBB2. *Molecular vision*, 20, 1579.

Al-Sinani S, et al. (2014) Utility of large consanguineous family-based model for investigating the genetics of type 2 diabetes mellitus. *Gene*, 548(1), 22.

Karayannis T, et al. (2014) Cntnap4 differentially contributes to GABAergic and dopaminergic synaptic transmission. *Nature*, 511(7508), 236.

Gomez L, et al. (2014) Association of the KCNJ5 gene with Tourette Syndrome and Attention-Deficit/Hyperactivity Disorder. *Genes, brain, and behavior*, 13(6), 535.

Ryu S, et al. (2013) Genome-wide linkage scan of quantitative traits representing symptom dimensions in multiplex schizophrenia families. *Psychiatry research*, 210(3), 756.

Gonçalves VF, et al. (2012) DRD4 VNTR polymorphism and age at onset of severe mental illnesses. *Neuroscience letters*, 519(1), 9.

Giesecke K, et al. (2011) Evaluation of ACE, SP17, and FSHB as candidates for stallion fertility in Hanoverian warmblood horses. *Animal reproduction science*, 126(3-4), 200.

Avinun R, et al. (2011) AVPR1A variant associated with preschoolers' lower altruistic behavior. *PloS one*, 6(9), e25274.