Package 'FTSEM'

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Type Package	
Title FT-SEM	
Version 4.4.0	
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-	t and powerful GWAS method for family trios supporting withinan randomization analysis
License GPL-2	
Encoding UTF-8	
Imports dplyr (>= 1.	1.4), OpenMx (>= $2.21.11$)
LazyData true	
RoxygenNote 7.3.1	
Contents	
process_fam	
Index	3
FT_SEM	The main function for family trios structural equation model (FT-SEM)
Description	
A robust and pow	verful GWAS method for family trios
Usage	
FT_SEM(data_su	b = NULL, snp_name = NA)
Arguments	
data_sub	A data.frame object for FT-SEM contains six columns: the father's genotype, the mother's genotype, the offspring's genotype, the father's phenotype, the mother's phenotype, and the offspring's phenotype. These columns are named f_snp, m_snp, o_snp, Exposure_f, Exposure_m, and Exposure_o, respectively.

2 process_family_data

Description

A robust and powerful GWAS method for family trios

Usage

```
process_family_data(data, seed = 123)
```

Arguments

data A data.frame about genotype from plink1.9, containing FID,IID,PAT,MAT,SEX,

phnotype and genotype (only 1 coloum)

seed random seed for select offspring from a family with multiple offsprings

Index

FT_SEM, 1

process_family_data, 2