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% Please edit documentation in R/fit.model.probe.R

\name{fit.model.probe}

\alias{fit.model.probe}

\title{Fit linear model}

\usage{

fit.model.probe(mat, colData)

}

\arguments{

\item{mat}{m value matrix}

\item{colData}{covariate matrix}

}

\value{

A list including a matrix "stats" and a matrix "fitted"

\item{stats}{

A test statistics matrix includes coefficients, standard devidation, z-score

p-value, and an indicator (to list constant covariates to be removed,

0 means nothing to remove).

}

\item{fitted}{

A matrix to keep fitted values.

}

\item{design}{

A list to keep design matrices.

}

\item{designidx}{

A matrix used to acess design matrices.

}

}

\description{

This functin was used by dmvc function. It loads beta matrix and covariate

matrix to compute statistics and fitted values.

}

\examples{

data(beta)

data(covariate)

fitall=fit.model.probe(mat=beta,colData=covariate)

}