**pval of mean−DE genes,jsd_zinb method**

**pval of var−DE genes,jsd_zinb method**

**pval of non−DE genes,jsd_zinb method**

**pval of mean−DE genes,jsd_empirical method**

**pval of var−DE genes,jsd_empirical method**

**pval of non−DE genes,jsd_empirical method**

**pval of mean−DE genes,klmean_zinb method**

**pval of var−DE genes,klmean_zinb method**

**pval of non−DE genes,klmean_zinb method**

**pval of mean−DE genes,klmean_empirical method**

**pval of var−DE genes,klmean_empirical method**

**pval of non−DE genes,klmean_empirical method**

**pval of mean-DE genes,jsd_empirical method**

**pval of var-DE genes,jsd_empirical method**

**pval of non-DE genes,jsd_empirical method**

**pval of mean-DE genes,deseq2 method**

**pval of var-DE genes,deseq2 method**

**pval of non-DE genes,deseq2 method**