



How to Create a Living Will .A compartmental stochastic approach to the interpretation of differential gene expression experiments. Gene expression results are commonly presented as a list of genes that have been found to be significantly differentially expressed. This list is then often visualized as a gene-chip; the current practice is to plot expression levels of each gene separately in two-dimensional space, such as principal components analysis (PCA) or partial least squares (PLS). Other methods of visualization are also available. A linear stochastic approach to the interpretation of differential gene expression experiments is introduced. Instead of estimating the underlying covariance structure, which is done in PCA and PLS, the gene-chip is simply classified into a distinct cluster. The method can be used in any cluster analysis and can be applied directly to the differential analysis of the experiment as well as to the full dataset before any clustering is applied. The performance of the stochastic clustering is compared with PLS and PCA. We conclude that a new gene-chip visualization technique is not required in order to identify the gene-chip clusters or the outliers that merit further investigation.Q: check if a string already exists inside an array of arrays I have this array: \$contact[0] = array("fname" =>"Glen","lname" =>"Mitchell"); \$contact[1] = array("fname" =>"Chris","lname" =>"Curries"); \$contact[2] = array("fname" =>"Chris","lname" =>"Brown"); I want to make an output inside of an if statement like this: if(existing name in the array){ echo "it exists"; }else{ echo "it doesn't"; } This is my code: foreach(\$contact as \$row) { \$contactname = explode(" ", \$row['fname']); if(existing name in the array){ echo "it exists";

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