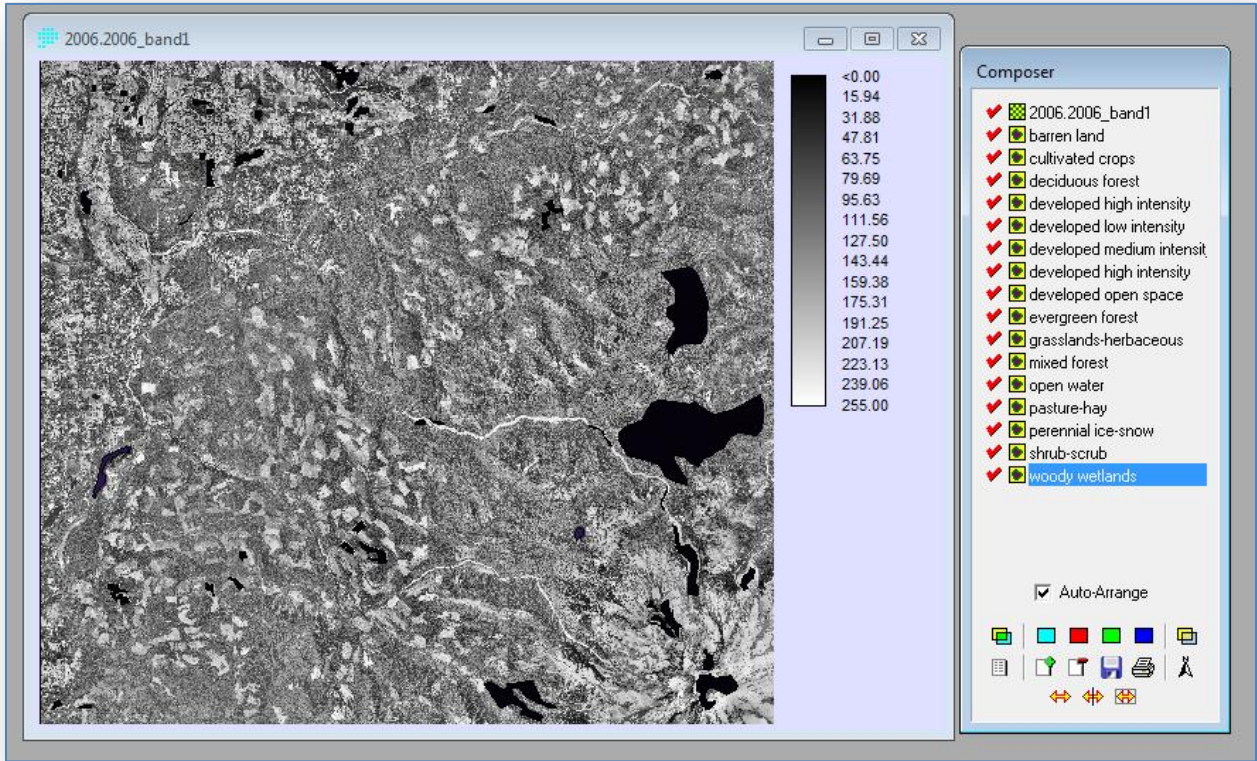
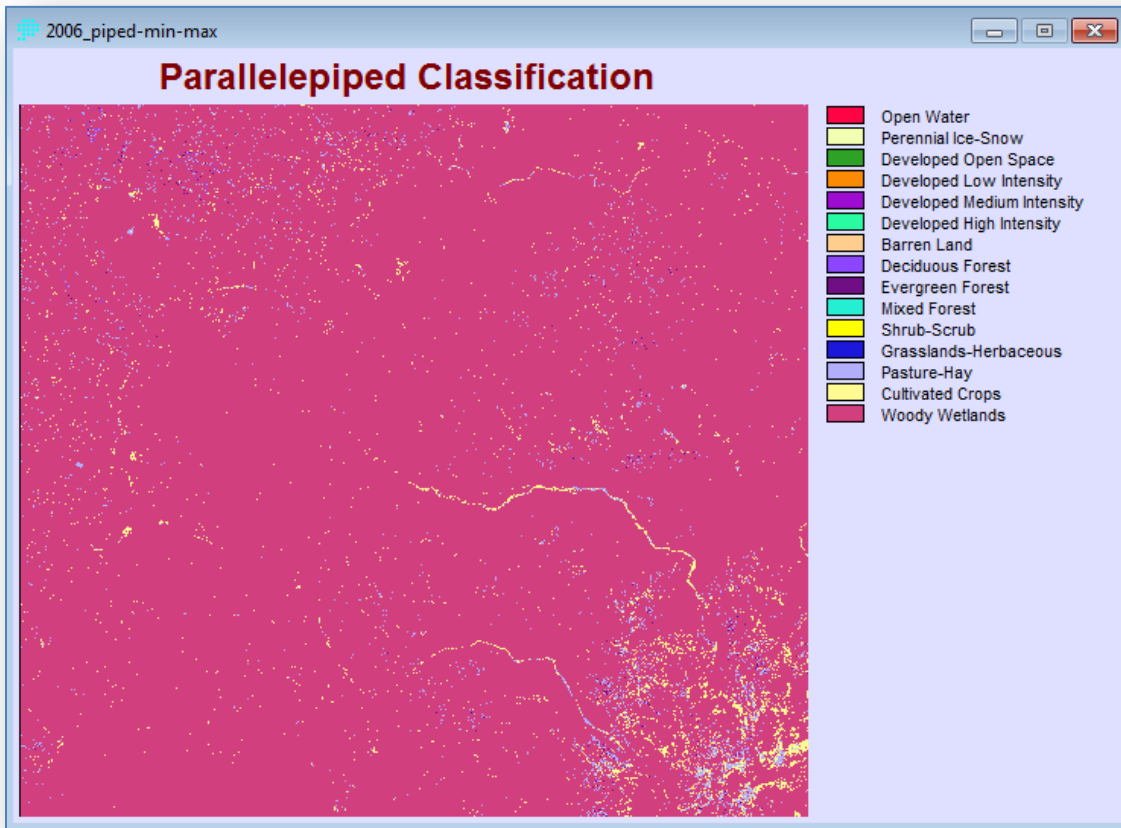


Classification training polygons.



Parallelepiped Classification using min-max



PIPED - parallelepiped classification

Define parallelepiped by

Min/Max

Z-Score

Signature files

Filename
Open Water
Perennial Ice-Snow
Developed Open Space
Developed Low Intensity
Developed Medium Intensity

Number of files: 15

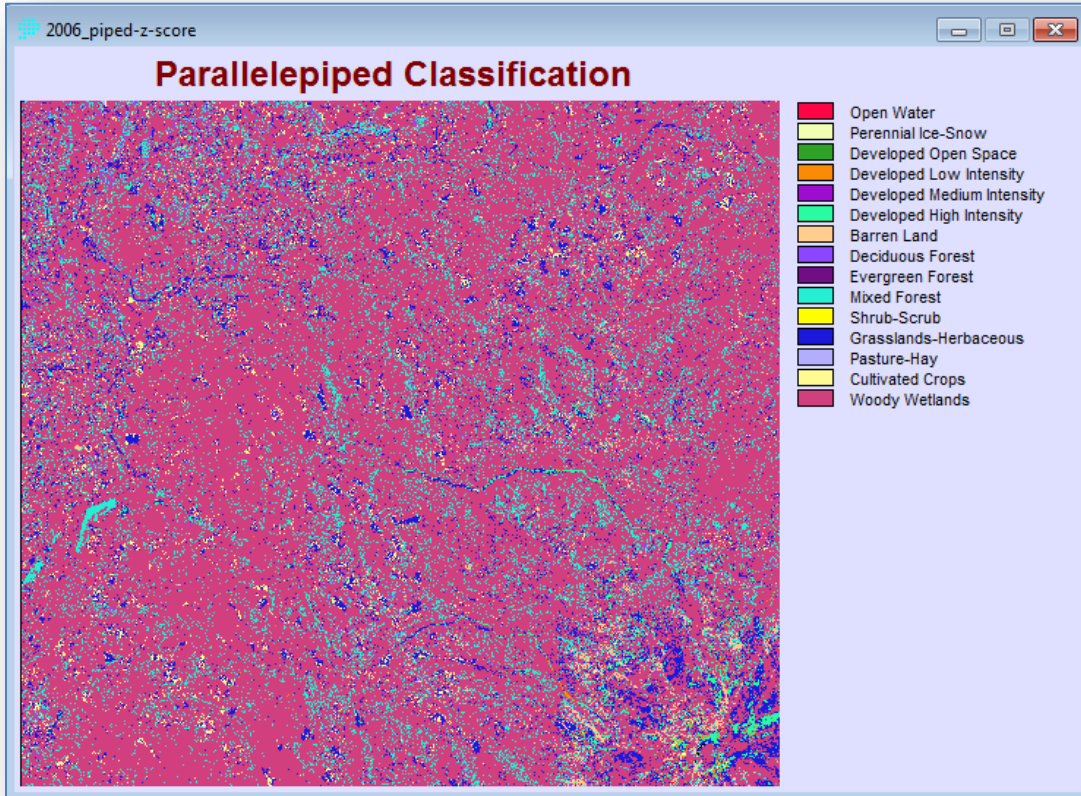
Insert signature group...

remove file...

Output filename: 2006_piped-z-score

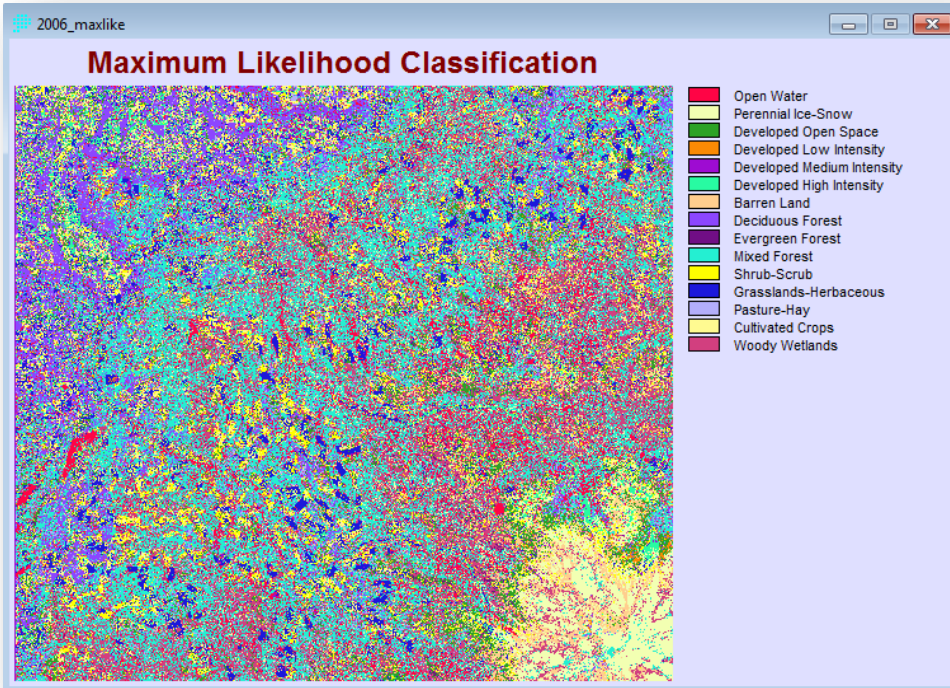
OK Close Help

Parallelepiped Classification using z-score



The screenshot shows a dialog box titled "PIPED - parallelepiped classification". It has two radio buttons under "Define parallelepiped by": "Min/Max" and "Z-Score". The "Z-Score" option is selected, and a text box next to it contains the value "1.96". Below this is a "Signature files" section with a list box containing the following items: "Open Water", "Perennial Ice-Snow", "Developed Open Space", "Developed Low Intensity", and "Developed Medium Intensity". The "Open Water" item is selected. To the right of the list box is a "Number of files:" label with a spin box set to "15". Below the list box are two buttons: "Insert signature group..." and "remove file...". At the bottom of the dialog, there is an "Output filename:" label with a text box containing "2006_piped-z-score" and a browse button "...". At the very bottom are three buttons: "OK", "Close", and "Help".

Maximum Likelihood Classification Results



The figure shows a dialog box titled "MAXLIKE - maximum likelihood classification". It contains several options and a table of signatures.

Options:

- Use equal prior probabilities for each signature
- Specify a prior probability value for each signature
- Specify a prior probability image for each signature
- Specify either a value or an image for each signature

Signatures to use in classification:

Signature	Probability value/image	Probability definition
Grasslands-Herbaceous	Value	0.0666666666666667
Pasture-Hay	Value	0.0666666666666667
Cultivated Crops	Value	0.0666666666666667
Woody Wetlands	Value	0.0666666666666667

Number of files: 15

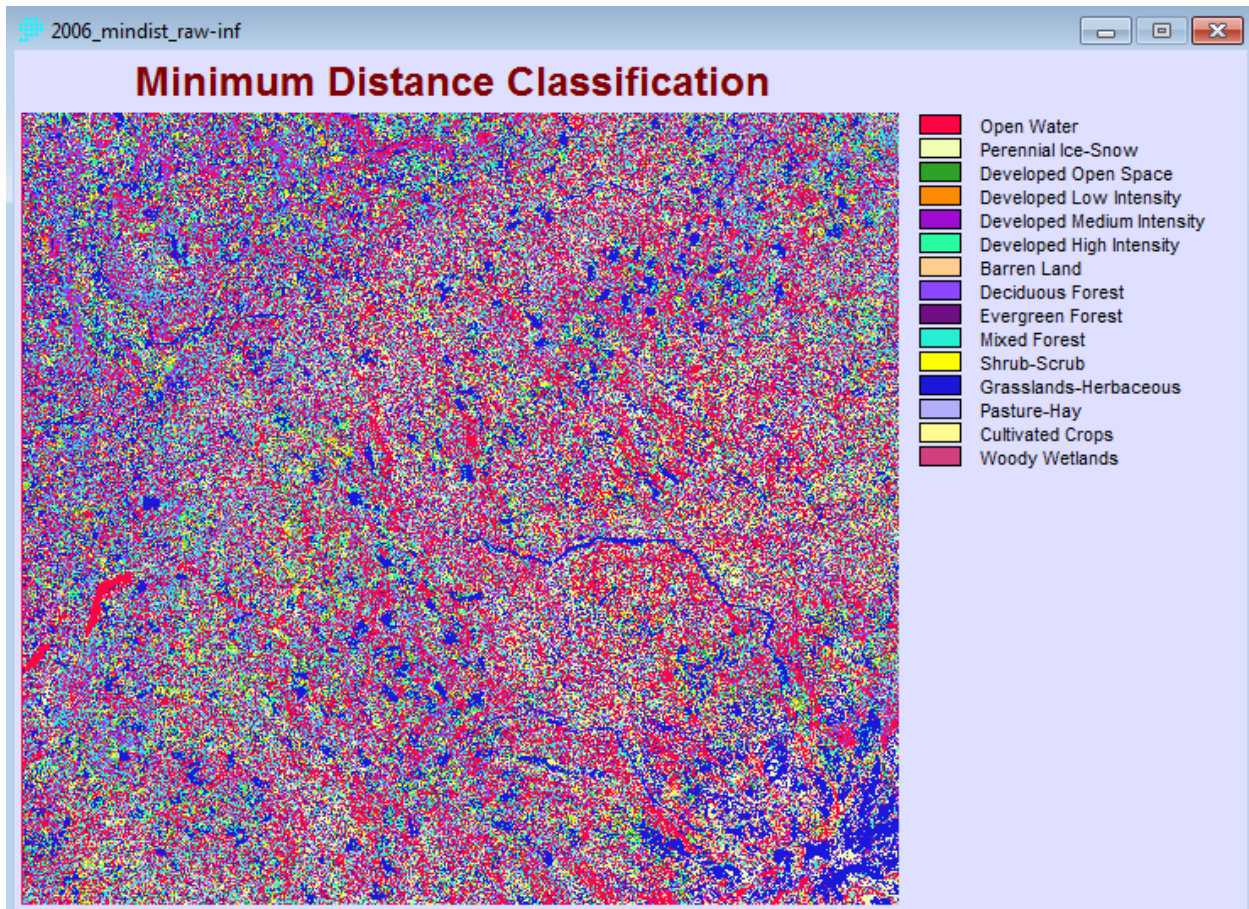
Buttons: Insert signature group..., remove file...

Minimum likelihood for classification (between 0.0-1.0): 0.0

Output image: 2006_maxlike

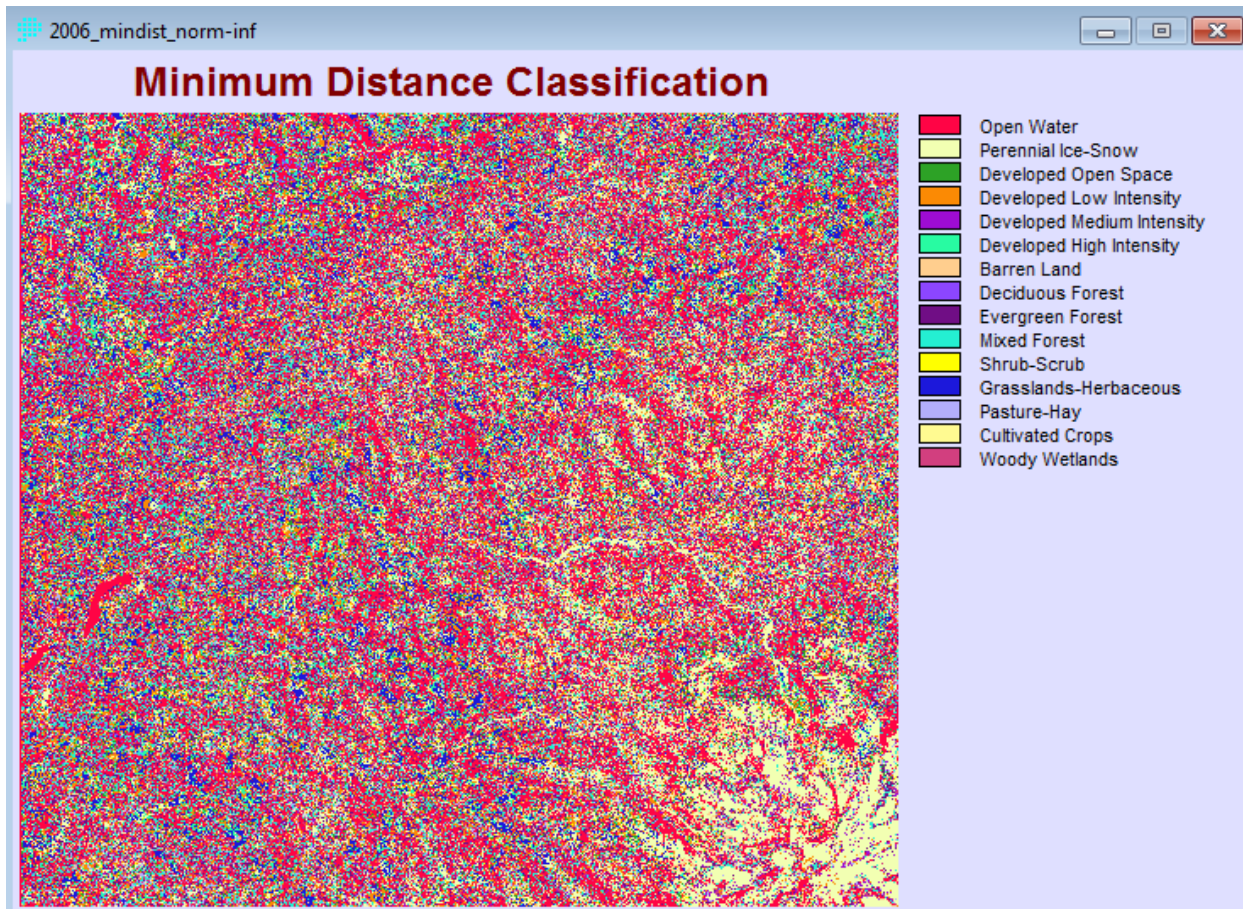
Buttons: OK, Close, Help

MINIDIST (Minimum distance) tool used with the settings below.



The screenshot shows the 'MINDIST - minimum distance classification' settings dialog box. It contains the following controls:

- Distance type:** Radio buttons for 'Raw' (selected) and 'Normalized (Z-scores)'.
- Maximum search distance:** Radio buttons for 'Infinite' (selected) and 'User defined (dn units):'.
- Signature files:** A list box containing 'Open Water', 'Perennial Ice-Snow', 'Developed Open Space', 'Developed Low Intensity', and 'Developed Medium Intensity'. The 'Open Water' entry is selected. To the right of the list is a 'Number of files:' spinner set to '15'. Below the list are buttons for 'Insert signature group...' and 'Remove file...'.
- Output filename:** A text field containing '2006_mindist_raw-inf' with a browse button ('...').
- Buttons:** 'OK', 'Close', and 'Help' buttons at the bottom.



MINDIST - minimum distance classification

Distance type

Raw Normalized (Z-scores)

Maximum search distance

Infinite User defined (Z-scores) :

Signature files

Filename	Number of files:
Open Water	15
Perennial Ice-Snow	
Developed Open Space	
Developed Low Intensity	
Developed Medium Intensity	

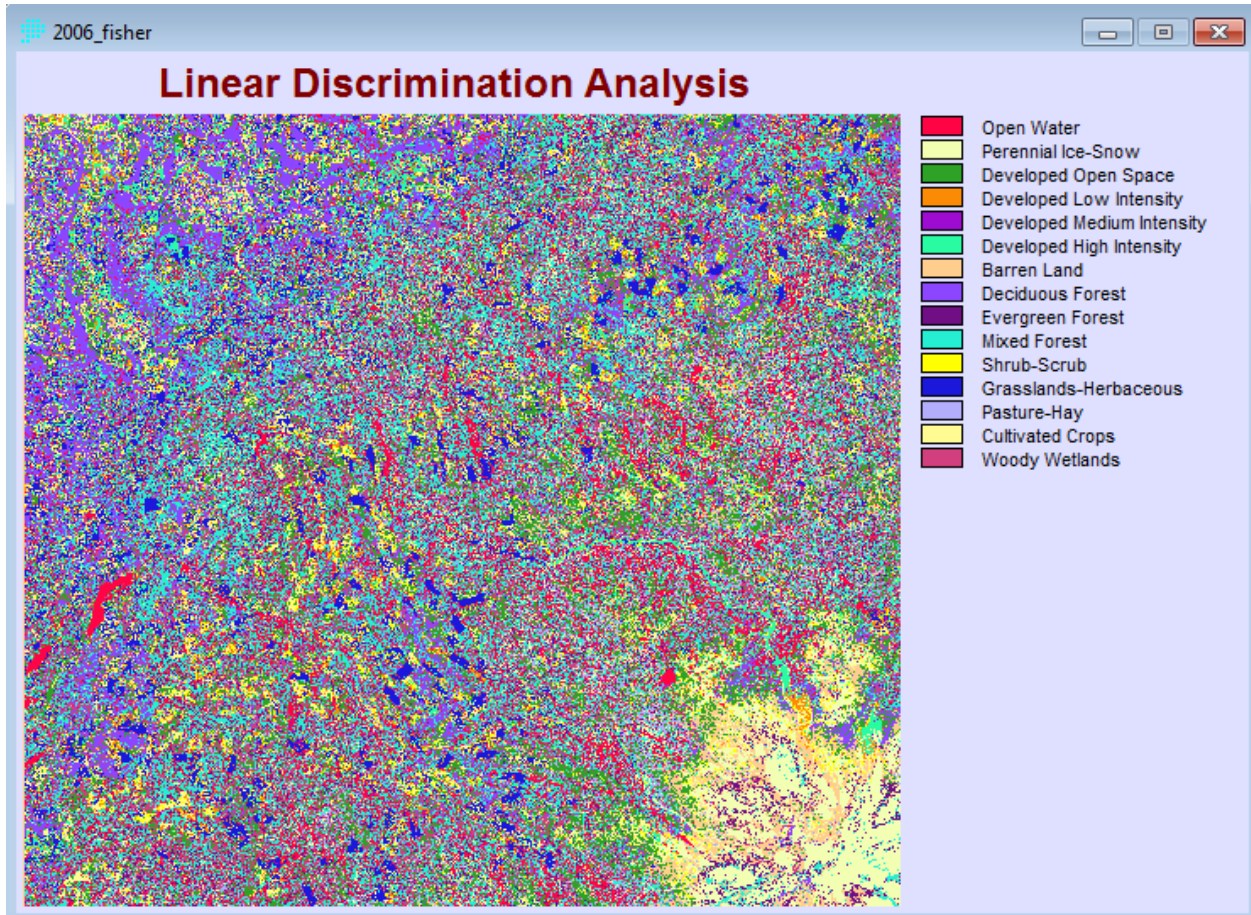
Insert signature group...

Remove file...

Output filename: 2006_mindist_norm-inf

OK Close Help

FISHER tool used, which is a linear discrimination analysis.



FISHER (LDA) - linear discriminant analysis clas...

Signature group file: 2006_SigGroup

Output image: 2006_fisher

Title: Linear Discrimination Analysis

OK Close Help