HELP FILE

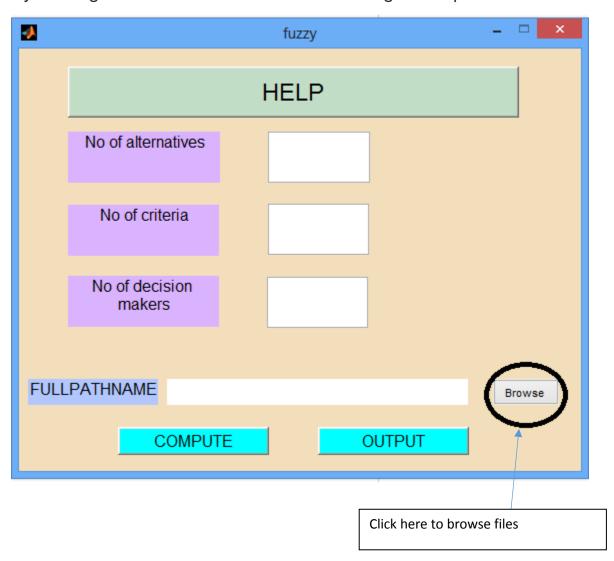
ABOUT THE APPROACH

This approach for ranking fuzzy numbers ensures full consideration for all information of fuzzy numbers. Accordingly, an overall ranking index is obtained by the integration of the information from the left and the right (LR) areas between fuzzy numbers and the centroid points of fuzzy numbers. This MCDM (Multi criterion decision making) approach does not require the normalization process and thus avoids the loss of information results from transforming generalized fuzzy numbers to normal form.

THE GRAPHICAL USER INTERFACE

♣	fuzzy	_ 🗆 ×
	HELP	
	No of alternatives	
	No of criteria	
	No of decision makers	
FULLPATHNAME		
	COMPUTE	

First we need to select the excel file that contains data about the ratings and weights of alternatives and criteria of given problem. We can do this By clicking on the browse button and selecting the required file.

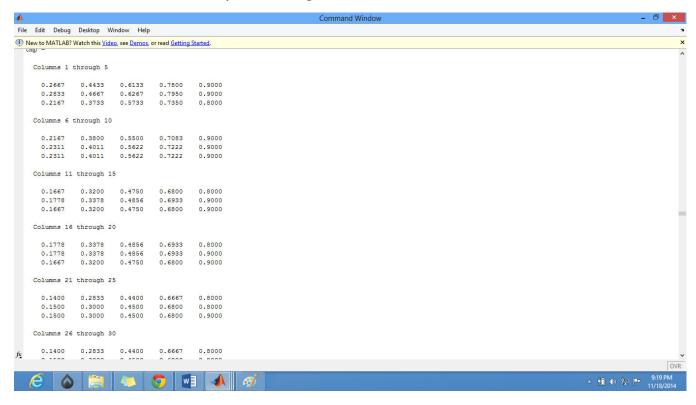


Once we have selected our file, the program reads the number of criteria, alternatives and decision makers involved in the problem and displays the appropriate results.

FULLPATHNAME C:\Program Files\MATLAB\R2012a\bin\table.xlsx Browse COMPUTE OUTPUT			
Click 'OUTPUT' to view			
results			

To calculate and view the final result, press the compute button. This ensures that all calculations are complete. One can view these computations in the command window. To view the output file and the final ranks press the output button

On clicking the 'COMPUTE' button one can see results of all calculations that the MATLAB code is performing on the command window.



The final result can be found in the file 'OUTPUT.xlsx'.

