

COMMON MATRIX PROGRAM ERRORS IN R

ERROR	CAUSE	SOLUTION
<p>Error in file(file, "r") : unable to open connection In addition: Warning message: In file(file, "r") : cannot open file '<i>file name</i>', reason 'No such file or directory'</p>	<p>R could not find the .csv file.</p>	<p>Make sure to change the directory in R to the working directory. Make sure the file name is correct.</p>
<p>Error in file(file, "r") : unable to open connection In addition: Warning message: In file(file, "r") : cannot open file '<i>file name.csv.csv</i>', reason 'No such file or directory'</p>	<p>R could not find the .csv file.</p>	<p>Make sure a copy of the .csv file is in the working directory. R assumes the .csv extension. Leave off the .csv extension when entering the file name in R.</p>
<p>Warning message: In checkrow - checkcol : longer object length is not a multiple of shorter object length</p>	<p>The Excel file or the .csv file has one extra column.</p>	<p>Delete the commas that occur at the end of each row in the .csv file.</p>
<p>Error in scan(file, what, nmax, sep, dec, quote, skip, nlines, na.strings, : line 1 did not have 7 elements Column (x) has no connections. Processing stopped.</p>	<p>One of the rows in the .csv file has too many elements. One of the nodes is not connected to the network. The upper and lower halves of the matrix are non-symmetrical.</p>	<p>Check each row to make sure it has the correct number of elements. Copy and re-transpose. Make sure all of the map connections are accounted for in the matrix.</p>
<p>Error in read.table(file = infile, header = TRUE, row.names = 1, sep = ";") : duplicate 'row.names' are not allowed</p>	<p>File name error or missing row (node) labels.</p>	<p>Make sure the matrix is symmetrical. Make sure to enter the file name in R EXACTLY as it appears. R is CASE SENSITIVE.</p>
<p>Error in read.table(file = infile, header = TRUE, row.names = 1, sep = ";") : missing values in 'row.names' are not allowed</p>	<p>Additional row in the matrix or</p>	<p>Make sure that there are the correct number of column labels. Make sure that there is not a row of commas at the bottom of your .csv file.</p>
<p>Error in if (min(check) > 0) { : missing value where TRUE/FALSE needed</p>	<p>Diagonal error, missing column (node) labels, or blanks in matrix</p>	<p>Make sure that there are zeros in the diagonal and that the first dyad (row 1, column 1) is blank.</p>

			Make sure that there are the correct number of column labels.
ERROR	CAUSE	SOLUTION	
Continued ...	Diagonal error, missing column (node) labels, or blanks in matrix	Fill in all blank cells within the matrix with zeros.	
Error in if (min(check) > 0) { : missing value where TRUE/FALSE needed Column (x) has no connections. Processing stopped. Warning message: In checkrow - checkcol : longer object length is not a multiple of shorter object length	The matrix has an extra column.	Remove the extra column. All matrices must be symmetrical.	
Error in cm %*% cm : non-conformable arguments In addition: Warning message: In checkrow - checkcol : longer object length is not a multiple of shorter object length	The number of rows does not equal the number of columns.	Correct the matrix and rerun the program.	
Error in rowSums(error.chk) : 'x' must be numeric	Non-numeric data are present.	Make sure there are no letters or blank spaces in the matrix.	
Error in scan(file, what, nmax, sep, dec, quote, skip, nlines, na.strings, : line (x) did not have (y) elements	Line (x) in the matrix is missing an element.	Make sure that the number of elements in line (x) equals (y).	
Error in while (zero == 0) { : missing value where TRUE/FALSE needed	A connection is missing in the graph.	Go back and make sure that all direct connections are accounted for.	