Troubleshooting for Installing TexMix in R environment

a) Error message related to Rtools

If you encounter an error message indicating the absence of Rtools, it means that Rtools needs to be installed on your system. To resolve this, download the Rtools installer from the following link: https://cran.r-project.org/bin/windows/Rtools/

WARNING: Rtools is required to build R packages but is not currently installed. Please download and install the appropriate version of Rtools before proceeding:
https://cran.rstudio.com/bin/windows/Rtools/
Installing package into 'C:/Users/yy00021/AppData/Local/R/win-library/4.4' (as 'lib' is unspecified)
ERROR: dependency 'maptools' is not available for package 'TexMix'
<pre>* removing 'C:/Users/yy00021/AppData/Local/R/win-library/4.4/TexMix' Warning in install.packages :</pre>
installation of package 'C:/Users/yy00021/Downloads/TexMix_0.5.3.tar.gz' had non-zero
exit status

b) Install Rtools

Download and Install Rtools on your computer.

 Today 			
😨 rtools44-6335-6327	1/23/2025 1:22 PM	Application	445,506 KB
R Setup - Rtools vers	sion 4.4.6335	- 🗆 X	
Installing Please wait while S	etup installs Rtools on your computer.	B	
Extracting files D:\\include\boost	\smart_ptr\detail\operator_bool.hpp		_
		Cancel	-

c) Check if make is in your Path.

To check if make is in your system's Path variable, open the Command Prompt (cmd) and run the following command:

make –version

If you receive a message indicating that 'make' is not recognized as an internal or external command, it means make is not included in your system's Path variable. You will need to add Rtools to your system's Path.



d) Open *Edit the system environment variables – Environment Variables*, edit Path in your user variables. Click New to add 'D\rtools\usr\bin' to your Path variable.

Note: The path D:\Rtools\usr\bin depends on the location where you installed Rtools (e.g., it may be in your C: drive)

Best match	
Edit the system environment variables Control panel	
System Properties X	
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Visual effects, processor scheduling, memory usage, and virtual memory Settings	I.
User Profiles	F
Desktop settings related to your sign-in Settings	
Startup and Recovery	
System startup, system failure, and debugging information	ι.
Settings	L
Environment Variables	L
OK Cancel Apply	

/ariable Value				
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MOZ PLUGIN PATH	G:\福昕阅读器\FOXIT READER\plugins\			
OneDrive	C:\Users\Administrator\OneDrive - The University of Texas at Dallas			
OneDriveCommercial	C:\Users\Administrator\OneDrive - The University of Texas at Dallas			
Path	C:\Users\Administrator\AppData\Local\Microsoft\WindowsApps;C:			
PyCharm	D:\Pycharm\PyCharm 2019.2.1\bin;			
	C:\Users\Administrator\AppData\Local\Temp			
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e) After adding Rtools to your Path, run the following commands in the Command Prompt to confirm that make is now recognized by the system:

make --version



f) Get *maptools_1.1-8.tar.gz* from this link: <u>https://cran.r-</u>

project.org/src/contrib/Archive/maptools/ and install it in R.

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g) Get TexMix_0.5.3.tar.gz from this link: https://cran.r-

project.org/src/contrib/Archive/TexMix/ and install in R.

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💽 Install 🛛 💽 Upd	late	Q Tex 😣 📿
Name	Description	Version
TexMix	Supporting Functions and Da Spatial Analytics Courses at U Texas	

Thank you to my student, Annan Shrestha, for his contribution to this troubleshooting 😊