## Regressit

## **RegressItPC language and number format settings<sup>1</sup>**

RegressIt requires numbers to be formatted according to the U.S. English standard, in which a *comma* is the *grouping* separator and a *period* is the *decimal* separator, during your analysis session. For example, the number "one thousand and one and one-half" should appear on your screen as "1,001.5".<sup>2</sup> If you normally do it the opposite way, it is not hard to change the settings on your computer before starting Excel and to restore your usual settings after exiting from it. (It should not be necessary to re-boot.) If you later restart Excel and open a RegressIt analysis file with your own number formatting in place, the numbers will be formatted according to that standard, i.e., the number formatting that RegressIt uses while it is running is not permanently recorded in the file. The instructions given below describe how to change the number and language formatting on a PC.

In Windows 10, go to Settings/Time and Language/Related ... Regional Settings/Region/Formats/Additional Settings/Customize Format and change the decimal symbol to a period and the digit grouping symbol to a comma. Do this for currencies as well as numbers. Also check Region & Language/Administrative settings (p.3)



<sup>&</sup>lt;sup>1</sup> March 5, 2018

<sup>&</sup>lt;sup>2</sup> It is generally OK to have currency and measurement units that are not the same as in the U.S.. However, the Euro Currency Tools add-in cannot be used during a RegressIt session, and RegressIt will turn it off automatically, if necessary, when it is launched.

In Windows 7, go to Control Panel/Region and Language/Formats/Additional Settings/Numbers and and change the decimal symbol to a period and the digit grouping symbol to a comma.

💣 Clock, Language, and Region	
🕞 🕞 🗸 Control Panel 🝷 Clock, Language, and Region	
Control Panel Home System and Security Network and Internet Hardware and Sound Programs User Accounts and Family Safety Appearance and Personalization Date and Time Set the time and da Add the Clock gadg  Megion and Lang Megion and	te   Change the time zone   Add clocks for different time zones   et to the desktop uage all display languages   Change display language   Change location ime, or number format   Change keyboards or other input methods
Formats     Location     Keyboards ar d Languages     Administrative       Format:     Use English here and also see the Administrative tab (page 3)	Customize Format     Date       Numbers     Currency     Time     Date       Example     Positive:     123,456,789.00     Negative:
Date and time formats         Short date:       M/d/yyyy         Long date:       dddd, MMMM dd, yyyy         Short time:       h.nm tt         Long time:       h.nm tt         Long time:       h.nm tt         Long time:       h.nm tt         Variation       Variation         First day of week:       Sunday         What does the notation mean?         Examples         Short date:       12/31/2017         Long date:       Sunday, December 31, 2017         Short time:       8:49 AM         Long time:       8:49:50 AM         Additional settings       Go online to learn about changing languages and regional formats	Decimal symbol:       .       ← period         No. of digits after decimal:       2         Digit grouping symbol:       ,         Digit grouping:       123,456,789         Digit grouping:       123,456,789         Negative sign symbol:       -         Negative number format:       -1.1         Display leading zeros:       0.7         Use the same settings for currency       0.123456789         U.S.       .         Verency       Never         Click Reset to restore the system default settings for runne settings for set default settings for       Reset
OK Cancel Apply	numbers, currency, time, and date.     Next Cancel       OK     Cancel

Another possible issue for non-U.S. computers is the language settings that are used. In particular, **if the primary language that is active during your Excel session is one in which non-English characters are displayed, that could cause a problem in program execution.** 

There are separate language settings for Windows and for Excel. In Windows, the "Language for non-unicode programs" must be set to English. In the Region and Language control panel, click the Adminstrative tab, and then hit the "Change system locale" button and make sure that the setting is English.

🚱 Region and Language	
Formats Location Keyboards and Lange Administrative	
□ Welcome screen and new user accounts	
View and copy your international settings to the welcome screen, system accounts and new user accounts.	
Language for non-Unicode programs	
This setting (system locale) controls the language used when displaying text in programs that do not support Unicode.	Region and Language Settings
Current language for non-Unicode programs: English (United States)	Select which language (system locale) to use when displaying text in programs that do not support Unicode. This setting affects all user accounts on the computer.
🛞 Change system locale	Current system locale:
What is system locale?	English (United States)
	OK Cancel
OK Cancel Apply	

Excel Options		<u>?</u> ×
General	文字 Set the Office Language Preferences.	
Proofing	Choose Editing Languages	
Save Language	Add additional languages to edit your documents. The editing languages set language-specific features, including dictionaries, grammar checking, and sorting	0
Advanced	Editing Language         [Keyboard Layout]         Proofing (Spelling, Grammar)           English (United States) <default>         Enabled         In talled</default>	
Quick Access Toolbar	Set as <u>D</u> efau	lt
Add-Ins Trust Center	[Add additional editing languages]  Add  Let me know when I should download additional proofing tools.  Choose Director and Halm Languages	
	Set the language pointy order for the buttons, tabs and Help O Display Language  I. Match Microsoft Windows <default> 2. English</default>	•
	Set as Default           Set as Default         Set as Default           By View display languages installed for each Microsoft Office program         How do 1get more Display and Help languages from Office.com?	
	Choose ScreenTip Language	
	Set your Screen Tip language () Match Display Language () How do I get more Screen Tip languages from Office.com?	

## Also, in Excel, go to

**File/Options/Language.** You should see English listed here along with any other languages you may use. It is OK to have other languages, but you should move English up to #1 on the list while you are working. It should also be OK to use the match-Microsoft-Windows setting if the Windows language settings are English.