

## RegressLogistic download <sup>1</sup>

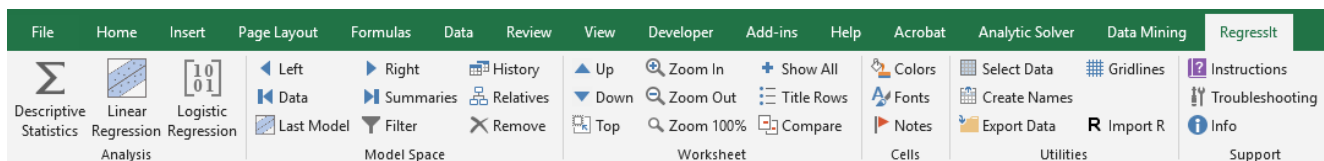
RegressItLogistic is an enhancement of RegressItPC that includes logistic as well as linear regression. The logistic procedure produces highly interactive table and chart output and it can perform out-of-sample testing. It can fit logistic models with up to 16K rows of data. Larger logistic regression models can be fitted via the [R interface](#). For instructions and examples of how to use the logistic regression procedure, see the [logistic regression pages](#) and the [RegressItLogisticNotes](#) document as well as the sample data and analysis files whose links are below. The Titanic and GLOW files contain the same analyses that are presented on the web pages.

Please read the [Terms of Use](#) before proceeding. Also see the [RegressIt slide show](#) to get a quick overview of the program features. Then follow the instructions below to download and test the program. The contents of this web page are also available in pdf format at [RegressItLogistic download instructions](#). The same instructions accompanied by screen shots and more details of features can also be found in the [installation instructions](#) document.

If you downloaded the program previously, you should update it if your version is no longer current. The latest version date is 2020.11.11. To update your version, just replace your old copy of the program file with the latest one and unblock it before first use as described below.

If you have concerns about security, please note that successive versions of RegressIt have been distributed to the public on this web site without incident since 2014, and it is well known. Just google "Excel regression add-in." It is used in teaching at Duke University and elsewhere, and students download it from here. Its only interactions with your computer outside of Excel are to place text on the clipboard or write text to CSV files when interacting with RStudio. It does not embed any executable code in Excel files in which analysis is performed. It merely adds ordinary worksheets to the files. If you want to remove it from your computer, you only need to delete the program file. Just be sure that your copy is an authentic one obtained from this web site or another trusted source. The program file is digitally signed with a certificate that was issued on 11/11/2020 by Sectigo RSA.

If you try it and enjoy using it, please pass the word along to your colleagues or classmates. If you encounter any technical problems, please visit the [support page](#) for details about how to fix some common issues and how to request tech support if needed. We welcome your comments and suggestions at [feedback@regressit.com](mailto:feedback@regressit.com).



<sup>1</sup> November 30, 2020. Visit [regressit.com](http://regressit.com) for the software and complete set of supporting materials.

### ***Installation and testing:***

***Create a new folder in which to store your RegressIt files. Then use one of these two links to download the program file.***

- **RegressItLogistic program file:** [RegressItLogistic.xlam](#) (version 2020.11.11) Right-click this link and choose the "save link as" option to save it to your new RegressIt file folder.
- **RegressItLogistic program file in zip form:** [RegressItLogistic.zip](#). Use this link instead if your computer will not allow the direct download of an executable file. Right-click this link and choose the "save link as" option to save it to the RegressIt file folder. Then right-click on the saved file and choose "unzip to here".

***Then follow these instructions to run the program for the first time:***

- "Unblock" the program file by going to the File Explorer, right-clicking on the file and choosing **Properties/Unblock/Apply/OK**. This only needs to be done once.
- You should **CLOSE THE FILE EXPLORER WHEN RUNNING ANALYSES** because it may cause errors when producing non-editable graphs.
- To run the program, start Excel, open the RegressItLogistic.xlam file, and click either "Trust all from publisher" or "Enable macros" at the security prompt. You can click either to run the program, but if you choose the trust-all button you will not see the security prompt in the future (not even for updated versions)
- You should see a RegressIt tab appear at the top of the Excel window, and when you click on it you should see the ribbon interface pictured above. Click the "Instructions" button at the far right for details on how to load data and begin your analysis.
- If the enable-macros prompt does not pop up and the RegressIt ribbon does not appear, go to **File/Options/Trust Center/Trust Center Settings/Macro Settings** and check to see that the "disable-with-notification" option has been chosen there.
- If the program file will not download or if it fails to launch even after you have unblocked it and checked the macro security level, you may need to download it in zip format using the alternative link above, and then unzip it and unblock it.
- You cannot open the file directly from a web page or from an e-mail attachment: nothing will happen. You must save it first.
- If you want to e-mail the program to others, please give them a link to this page or the RegressIt home page, not a direct link to the file nor an attached copy of the program file itself, so that these directions will be included and the file will be secure.
- To test the software, click the following link to download a file that already contains some analysis: [RegressItPCTest.xlsx](#). Visit each analysis worksheet in the test file, click the Descriptive Statistics or Linear Regression button at the left end of the RegressIt ribbon according to the sheet type, and click the Run button to re-run the same analysis. You should see an almost-identical worksheet appear.
- On new descriptive statistics worksheets, the output will be hidden at first. This is to avoid overwhelming you if a huge amount of output has been produced. (There could be dozens or even hundreds of charts for large sets of variables.) Click the "Show all" button in the "Worksheet" group to show all the output. Alternatively, click the "+" signs in the left sidebar to open up one block of output at a time.
- For instructions on how to begin using RegressIt with your own data, see the [get started with analysis](#) page.

- If your computer has non-English language or number format settings you may need to make some adjustments, as described here: [RegressItPCNumberFormatSettings.pdf](#). Numbers must be formatted with a period as the decimal separator and a comma as the grouping separator (i.e., one thousand and one tenth should appear as 1,000.1 rather than 1.000,1).

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*Documentation and examples can be found in the following files:*

Notes on logistic regression: [RegressItLogisticNotes.pdf](#)

One-variable model used in notes: [Logistic\\_example\\_Y-vs-X1.xlsx](#)

Example 1: [Titanic\\_logistic\\_models.xlsx](#) (see the [Titanic web page](#) for a discussion)

Example 2: [GLOW\\_logistic\\_models.xlsx](#) (see the [GLOW web page](#) for a discussion)

Example 3: [Email\\_logistic\\_models.xlsx](#)

All 3 example files in zip form: [RegressItLogisticExamples.zip](#) (2.5M)

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*The following relevant files are also found on the [RegressItPC download page](#):*

PC Installation and test instructions: [RegressItPC installation instructions.pdf](#)

How to use: [RegressIt2020UserManual.pdf](#) and [RegressItModelingAdvice.pdf](#)

PC language and number format settings: [RegressItPCNumberFormatSettings.pdf](#)

For instructors: [RegressItFeaturesForInstructors.pdf](#)

Interface with R: [RegressItInterfaceWithR.pdf](#)

PC Test file with data and models: [RegressItPCTest.xlsx](#) (look at the analysis sheets in this file whether or not you use the program)

The linear regression procedure in RegressItLogistic is the same as the one in RegressItPC except for a slightly more a-la-carte menu of output options. One other minor difference that RegressItLogistic does not include the alternative floating toolbar interfaces. All of the documentation for the RegressItPC program otherwise applies to RegressItLogistic.