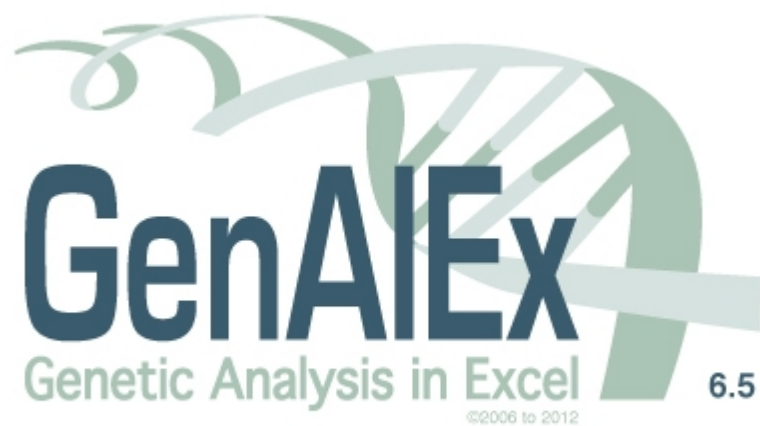


# GenAlEx 6.503+ and the Ribbon

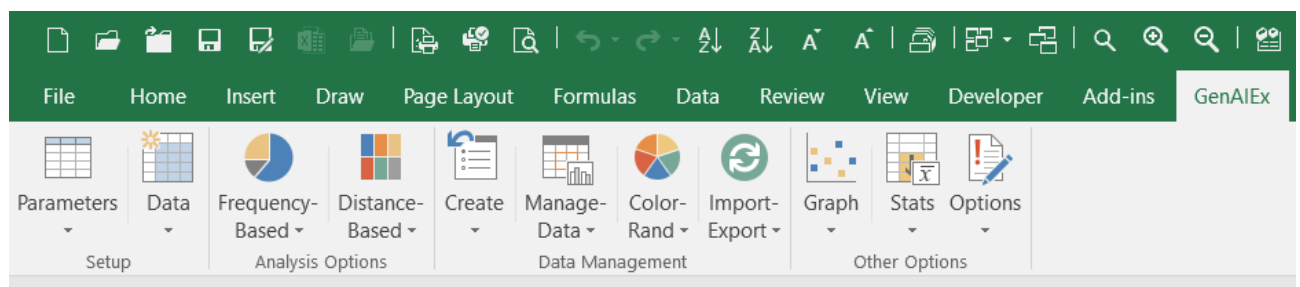


## About this Document

Prior to the release of GenAIEx 6.503 in Dec 2016, all access to GenAIEx options was via the GenAIEx menu. The location of the GenAIEx menu has depended on the version of Excel used, and the operating system. In Excel 2007 for Windows, Microsoft introduced a radical new user interface called the ribbon which completely replaced the previous menu system. Like it or hate it, the Ribbon is here to stay! Following the introduction of the Ribbon, the once top-level GenAIEx menu has been hidden on the Add-ins Tab of the Ribbon in all subsequent Windows versions of Excel. However, aside from this inconvenient placement, the GenAIEx menu has been fully functional from Excel 2003 to Excel 2016 (notwithstanding temporary issues in early 2016 now fixed by Microsoft).

On the Macintosh the story is more complicated. The GenAIEx menu has remained fully visible and functional at the top level for Excel 2004 and 2011 (but not 2008). However, unlike the Windows version, Excel 2016 on the Macintosh can only deliver access to Add-Ins, such as GenAIEx, via the Ribbon. Consequently, previous versions of GenAIEx are not compatible with Excel 2016 for Mac. Development of a Mac compatible version is further complicated by a lack of backwards compatibility in other aspects of VBA support, and by the lack of a fully functional VBA module for developing and testing Add-ins.

In the above context, and as part of our ongoing development of GenAIEx, we are pleased to release *GenAIEx 6.503.xlam* for Excel 2016 on Windows. This version offers access to all GenAIEx options via the Excel Ribbon, while at same time remaining backwards compatible with previous Windows versions of Excel.



Although, not yet fully compatible with Excel 2016 on the Macintosh, due to other VBA issues, preliminary tests show that this version does run on the Mac, but with some impaired dialog box functions yet to be resolved. We hope to resolve these additional issues, and release a fully compatible version for the Mac as soon as possible.

*Rod Peakall and Peter Smouse, December 2016*

### **Professor Rod Peakall**

Ecology and Evolution  
Research School of Biology  
The Australian National University  
Acton ACT 2601 Australia  
Email: [rod.peakall@anu.edu.au](mailto:rod.peakall@anu.edu.au)

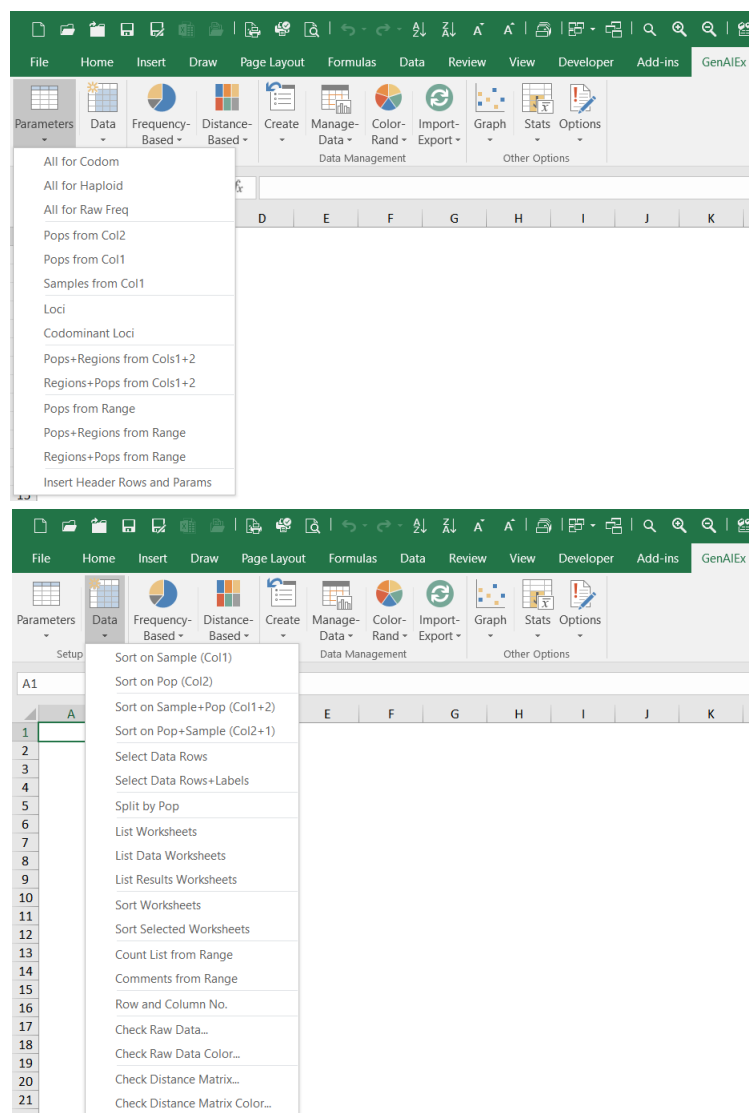
### **Professor Peter Smouse**

Department of Ecology, Evolution and Natural  
Resources.  
Rutgers University  
New Brunswick NJ 08901-8551 USA  
Email: [smouse@aesop.rutgers.edu](mailto:smouse@aesop.rutgers.edu)

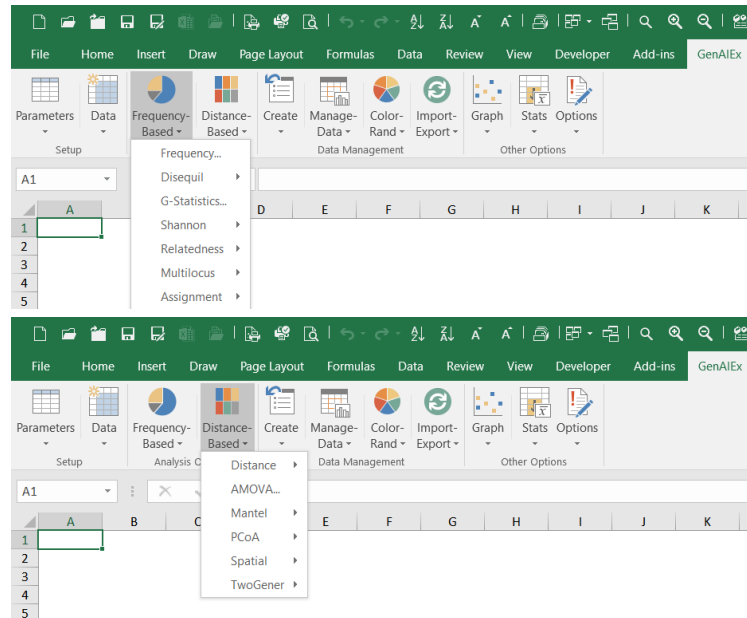
# Ribbon Overview

## Outline of the GenAlEx Ribbon

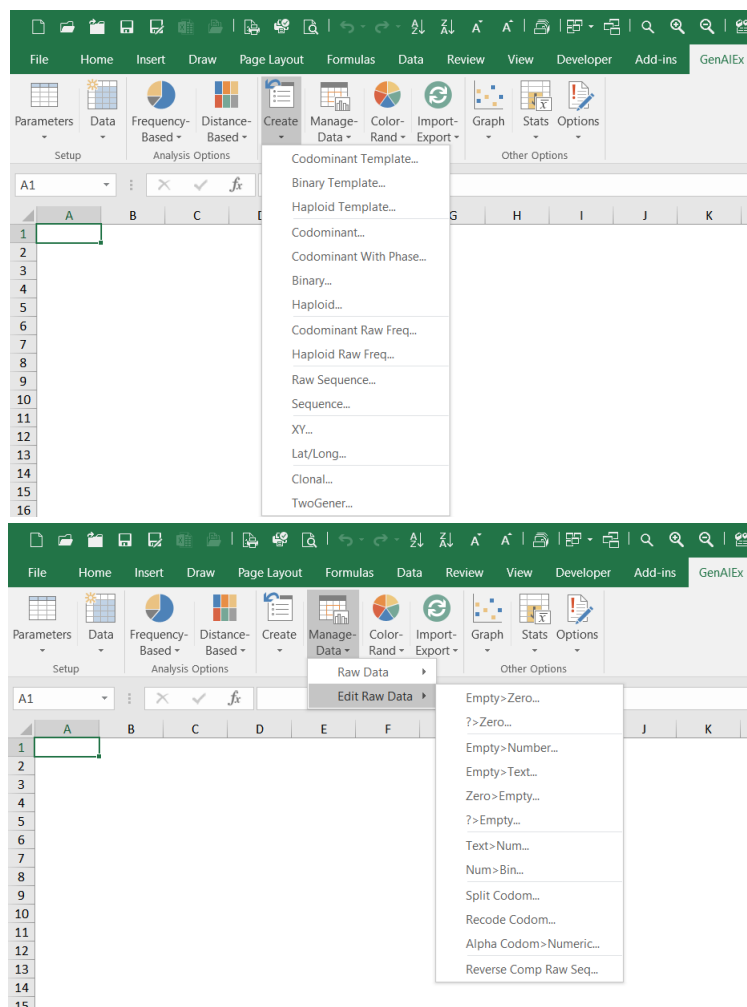
Access to GenAlEx options is now accessible via the GenAlEx Tab which will appear in the Ribbon every time the *GenAlEx 6.503.xlam* Add-in is loaded. As previously, GenAlEx can be launched only when needed, via the **Open** command (recommended), or it can be installed as an Add-in such that GenAlEx is accessible every time you launch Excel. See the *Quick Start to GenAlEx 6.5.pdf* provided with the GenAlEx download for details, if you are new to the software package.

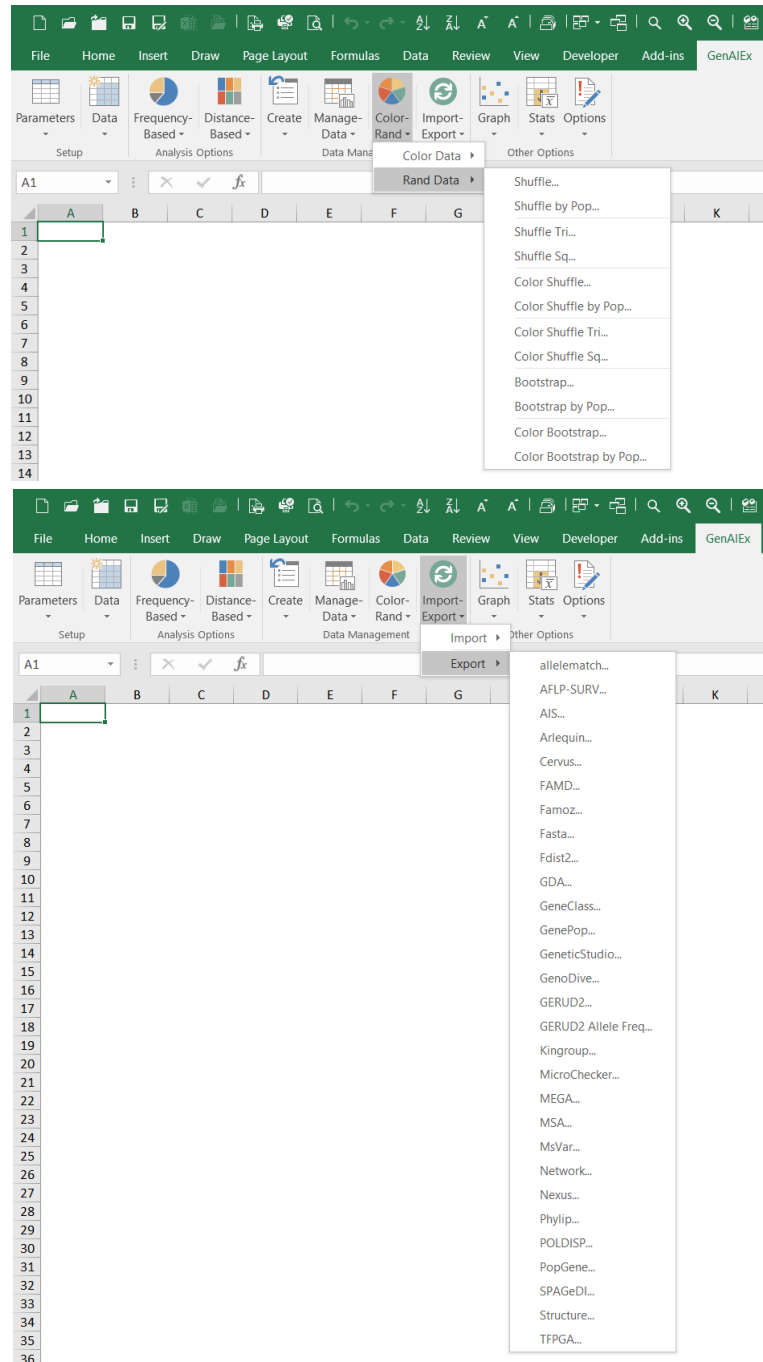


Access to GenAlEx options via the Ribbon has been divided into 11 menu buttons. These menu buttons have been further clustered into four groups: *Setup*, *Analysis Options*, *Data Management* and *Other Options*. With a few minor exceptions, the menu and submenu commands accessible via the menu buttons are identical in name and order to previous versions of GenAlEx.

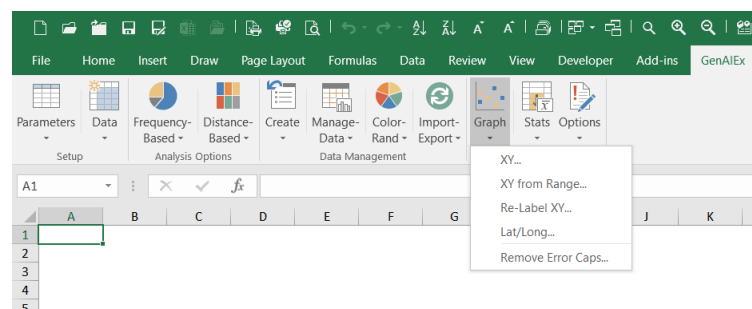


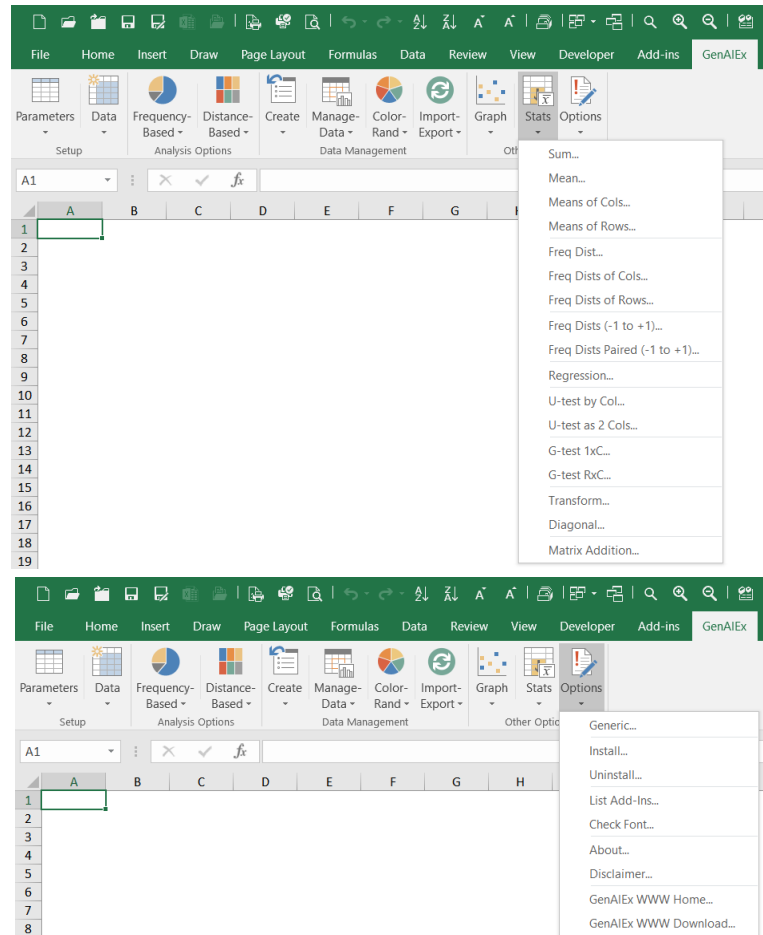
The *Analysis Options* group offers two menu buttons entitled *Frequency-Based* and *Distance-Based* that collectively allow access to the main GenAlEx analysis routines available.





The *Data Management* group offers four menu buttons entitled *Create*, *Manage-Data*, *Color-Rand*, *Import-Export* that collectively allow access to the many GenAIEx routines available for managing data. Note that previously access to the Color and Rand menu options, required these optional menus to be turned on. However, this flexibility to hide/show some menus is not offered via the Ribbon.





The *Other Options* group offers three menu buttons entitled *Graph*, *Stats* and *Options* which allow access to the remaining GenAIEx options and settings.

## Two ways to access GenAIEx in Excel on Windows

While Microsoft continues to provide backwards compatibility of the GenAIEx menu via the Add-ins tab, it will continue to be accessible in current versions of GenAIEx for Windows. Note menus/submenus with identical names in the GenAIEx menu and GenAIEx Ribbon menu buttons, call the same routines. Therefore, there are two ways to access GenAIEx options in Windows. However, future releases of GenAIEx for Excel 2016 on the Macintosh are only expected to provide support for the Ribbon.

