Basic MVA wizard

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To cater for users completely unfamiliar with the basic outputs from a multivariate analysis, e.g. of the species abundance matrix opened above, PRIMER 7 now has a **Wizards>Basic multivariate analysis** menu item, which automatically generates robust outputs from some core routines, using knowledge of the Data type and with the opportunity for the user to alter some inputs from their defaults. Run this routine with the Fal nematode abundance sheet as the active matrix (click on it to make it active – its header bar will then be a slightly darker colour than other open worksheets). Take all the defaults on the Basic analysis wizard dialog box, i.e. just click on **Finish** – having first looked closely at the choices it has made for you! – and several results and graphic windows will appear in the display area of the PRIMER desktop (to the right). The Explorer tree area, to the left, shows the sequence of Data worksheets and Graph outputs created by the Wizard, interspersed with Results windows (the notebook icon) with names which describe the routine that has been run, and the tree shows the relationships among these analyses (what they start from and what they produce) A Wizard is just a bundled version of single routines which appear on PRIMER's other menus or sub-menus, so click on each row of the Explorer tree to display the sequence of steps involved and outputs produced. The final graphical step is a *Multiplot* output of four graphs, 'rolled up' in the tree, shown by the + sign. Clicking on the + (or on any of the plots in the multiplot) unrolls these names. It is now instructive to run through the individual analyses that this Wizard corresponds to.

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