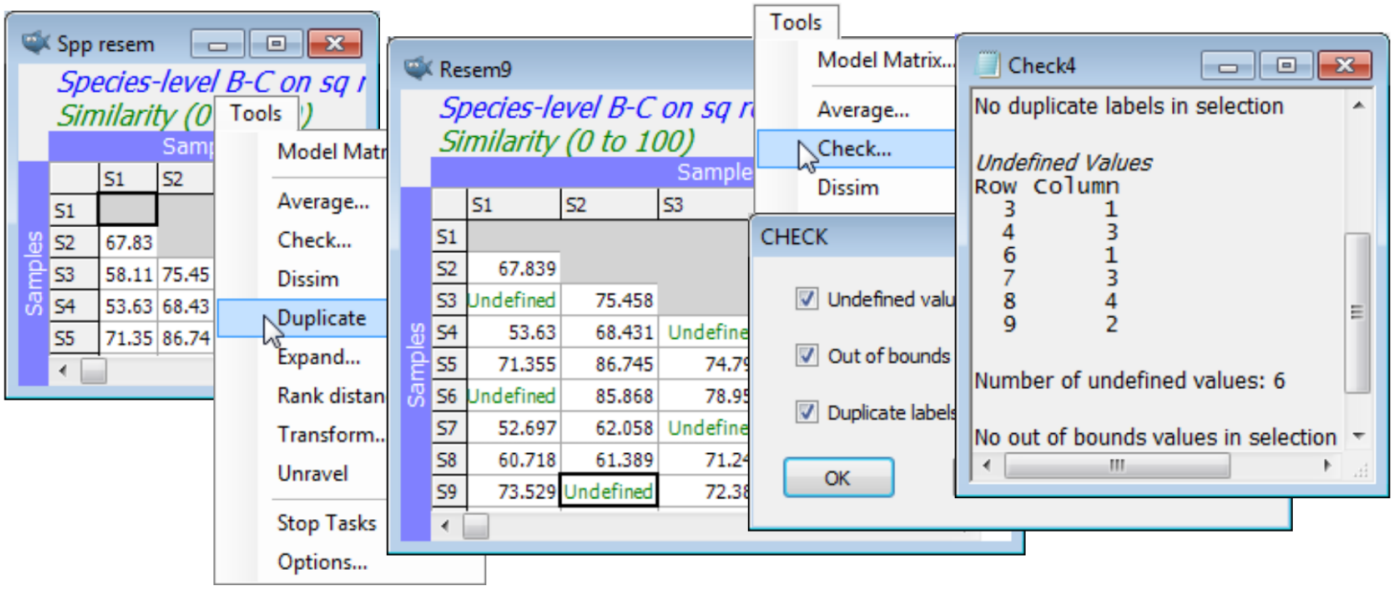
Duplicate; Merge (/join) operations

Tools>Duplicate operates in the same way whether the active window is a data array, resemblance matrix, variable information sheet or plot. In the case of a Graph window, **Duplicate** is the only specific option offered on the **Tools** menu, and there are no choices at all for results windows (since they are not capable of amendment once written) except for the **Stop Tasks** and **Options** items which are available on the **Tools** menu whatever the active window. Unless the window is at the top level of a branch already – as a variable information (aggregation) file will always be – an option is offered of (•On existing branch) or (•Start new branch), so that the original links to other sheets and factors can either be retained or a fresh start made. On a new branch, any subsequent amendments to factors, for example, will not then carry back to the originally linked sheets (unless specifically imported by them, with **Edit>Factors>Import**).

On the above resemblance matrix Spp resem for the Groundfish data, take **Tools>Duplicate** >(•Start new branch) and, in the copy, blank out entries at random. A run of **Tools>Check** picks up those now Undefined! entries, but MDS will accept the matrix in this form and produce a plot probably very similar to an MDS run on the intact matrix. Save and close Groundfish ws.



The **Tools>Merge** menu allows a range of merge operations on two rectangular data sheets. For example, two matrices whose rows are of different variable sets (faunal and algal species perhaps) but with the same sample labels, are automatically joined end-to-end by **Tools>Merge**, with the upper half as the active sheet and the lower half supplied in the (Second worksheet:) box in the Merge dialog. Similarly, two sheets with the same variable labels (species as rows again) but with different sample labels – perhaps the same set of study sites in different years – will be placed side-by-side. The label sets which are in common (at least in part) between the two arrays, and therefore merged in this way, need not appear in the same order in the two arrays – it is the precise label matching which determines the outcome so, as always, consistent spelling is essential.

Revision #3
Created 22 August 2024 21:35:14 by Arden

Updated 22 August 2024 21:44:27 by Arden