

0.2 Contact details and installation of the PERMANOVA+ software

Getting in touch with us

PERMANOVA+ for PRIMER was produced as a collaborative effort between Professor Marti Anderson (New Zealand Institute for Advanced Studies, Massey University, Albany, Auckland, New Zealand and current Director of PRIMER-e) and Ray Gorley & Professor Bob Clarke (formerly of PRIMER-E Ltd, Plymouth, UK). For the latest news about PERMANOVA+ or PRIMER, including details of upcoming training workshops, see: <http://www.primer-e.com>

Please report any bugs, technical problems, dislikes or suggestions for improvement to: tech@primer-e.com. For licensing and other general enquiries, contact Lyn Shave at: primer@primer-e.com. For queries related to the scientific methods, contact Marti Anderson at: marti@primer-e.com.

Our business postal address is:

PRIMER-E Ltd" PRIMER-e (*Quest Research Limited*)
ecentre, Gate 5, Oaklands Rd
Massey University Albany Campus
Auckland 0632
New Zealand
Tel: +64 (0)9 869 2230

(or you may, if you prefer, use the registered address of the company: PRIMER-e (*Quest Research Limited*), 67 Mahoenui Valley Rd, RD3 Albany, Auckland 0793, New Zealand).

System requirements

PERMANOVA+ is an add-on package to the PRIMER v6 software program. PERMANOVA+ is not a stand-alone piece of software and can only be installed on machines that already have PRIMER v6 installed. Other requirements, in accordance with PRIMER v6, are:

- PC with Intel compatible processor.
- Windows 2000/XP/Vista or later, 32 and 64 bit.
- Memory - For Windows 2000 and XP: 128 Mb (256 Mb recommended). For Windows Vista or later: 512 Mb (1Gb recommended).
- Internet Explorer 5.01 or later is needed to install the .Net framework.
- To be able to read and write Excel worksheets you need Excel 2000, or later, installed.

Installing PERMANOVA+

Ensure that PRIMER v6 is installed before installing PERMANOVA+. PERMANOVA+ is an add-on product for installation on an individual PC, not a network server. You need to be logged on as an Administrator. The procedure is the same if you have an earlier version of PERMANOVA+ installed (e.g., a beta-test version). Note that this add-on package will not work with earlier versions of PRIMER (e.g., v5).

Insert the PERMANOVA+ CD in your CD drive. The install program will automatically run unless you have disabled AutoPlay on your drive. (If it does not run, open Windows Explorer, right click on the CD drive and select the 'Install' or 'AutoPlay' option.) The install program may first install or update the .Net framework. You will be asked for your serial number which is on the front of the PERMANOVA+ CD case. Setup may reboot your system during the installation and, as usual, it is advisable to close down all other programs before commencing installation.

Getting help

This manual assumes that the user already has familiarity with the general features of PRIMER v6. Important information regarding the use of PRIMER v6 is given in the two manuals accompanying that software: a methods manual ([Clarke & Warwick \(2001\)](#)) and a user manual/tutorial ([Clarke & Gorley \(2006\)](#)). Information specific to PERMANOVA+ is contained in this manual and the software Help system. The latter is context sensitive: if you click on the Help button in a dialog box then you will get an appropriate help topic. You can also get into the help system by choosing the Help menu option or clicking on the help button  on the Tool bar. You can then browse this system via the Contents or Index tabs in the Help window. If you are still having problems, contact us (see the top of this page), and we will be happy to help.

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