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The program RCS2CRUST is specific to both the Part 1 paper (Melvin and Briffa (2013)) and part 2 paper (Melvin and Briffa 2014, in press). This program uses the CRUST software to perform the specific processing necessary to construct the tree-ring chronologies and undertake the various analyses reported in that paper. The full CRUST software (including source code and documentation) is also being made available.

Executable versions of the program are provided for LINUX and Windows. The program uses specific files and needs to be run within the specific directory structure provided in the .zip file. The "raw" directory (containing tree-ring measurements) and the "f90" directory (containing the program) need to be at the same directory level in order for the program which runs in the "F90/RCS1CRUST/" directory to work correctly.

The program can be run by clicking on the appropriate executable. If errors occur (e.g. program disappears from the screen) then run the program from the "Command" line or "DOS", both of which should provide some error diagnostics. The makefile, amended to select for machine type from LIN or WIN can be used to compile the program. For LINUX, gfortran and Dislin need to have been installed. For Windows, MGW32 (GCC) with gfortran and Dislin need to have been installed. The program has also been compiled on MacOS (thanks to Paul Krusic) but getting the correct components installed for the appropriate version of software has proved awkward.

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We are not able to offer any technical support for this program. This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

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The DISLIN graphics software, by Helmut Michels, was obtained from the [Max Planck Institute for Solar System Research, Lindau](http://www.mps.mpg.de/dislin/examples.html) at <http://www.mps.mpg.de/dislin/examples.html>

Attribution: Whenever you publish results obtained using this software you must acknowledge our work by including the following reference:

Melvin T. M. and Briffa K. R. CRUST: Software for the implementation of Regional Chronology Standardisation: Part 1, Signal-Free RCS. *Dendrochronologia* xxx (2013) xxx doi: <http://dx.doi.org/10.1016/j.dendro.2013.06.002>