

z-Tools

(v2.0.3)

Content

Content.....	1
1. Program overview.....	1
1.1. zCleaner.....	1
1.2. zQuestionnaireMerge	1
2. Installation.....	2
3. zCleaner.....	2
4. zQuestionnaireMerge.....	3
5. Version history.....	3
6. License information and disclaimer	3

1. Program overview

z-Tools is an add-in for Microsoft Excel™. It has been tested under Microsoft Excel™ 2010 and 2013 but may work also under 2007. It currently consists of two tools: zCleaner and zQuestionnaireMerge.

1.1. zCleaner

zCleaner takes a z-Tree .xls output file as its input. It then proceeds to separate the raw data into its component z-Tree tables and saves them in individual sheets in a new Excel file.

1.2. zQuestionnaireMerge

zQuestionnaireMerge takes one or multiple z-Tree .sbj questionnaire output files as its input. It then merges all of these into a single Excel sheet.

2. Installation

2.1. Initial setup

Installing z-Tools is simple.

- Save the z-Tools.xlam on your computer in a location of your choice.
- Open Microsoft Excel™. Click “File”-“Options” from the ribbon.
- Select “Add ins” from the left-hand pane.
- Choose “Excel Add-ins” from the dropdown menu on the bottom of the right-hand pane and click the “Go to” button.
- Click the “Search...” button and locate the file on your computer.
- Confirm and close all dialogs with “OK”.



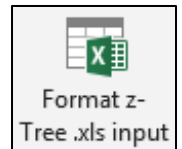
You should now have a new ribbon tab labelled “z-Tools”. It contains three buttons. The first, labelled “Format z-Tree .xls input” starts zCleaner. The second, labelled “Merge z-Tree .sbj files”, starts zQuestionnaireMerge. The third, labelled “About” displays information about z-Tools.

2.2. Updating

Updating z-Tools is even easier than installing it. Simply close all Microsoft Excel™ windows and replace your existing z-Tools.xlam file with the new one.

3. zCleaner

zCleaner takes a z-Tree .xls output file as its input. It then opens a new Excel file, proceeds to separate the raw data into its component z-Tree tables and saves them in individual Excel sheets. The resulting output file contains one sheet with the raw data, one sheet per table in the z-Tree output file, and one summary information sheet.



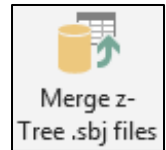
Upon starting, zCleaner will ask whether you want it to copy variable headings for every period. This is recommended, as the sorting of variables may differ between treatments, such that the data in a table becomes impossible to interpret without the correct headings.¹ If you are certain that you have properly initialized all variables in the treatment’s background, such that their order in the .xls output file is fixed, you may elect not to copy the repeated headings.

Furthermore, for large .xls output files, zCleaner may display a warning that the operation may take a while. Continue or cancel as you desire.

¹ An example is a market experiment where either a buyer or a seller may initiate the first transaction. If the variables are written into the contracts table in different order for buyers and for sellers by the program, their order will differ also in the resulting .xls file.

zCleaner does in no way modify or destroy the input data file.

4. zQuestionnaireMerge



zQuestionnaireMerge takes one or multiple z-Tree .sbj questionnaire output files as its input. It then merges all of these into a single Excel sheet, merging the data from different files under the same variable headings in the resulting output sheet. Both this output sheet (titled "Output") and an overview sheet (titled "Overview") will be added to the Excel file currently open.

zCleaner does in no way modify or destroy the input data file(s).

5. Version history

VERSION	DATE	CHANGES
2.0.3	15.07.2014	Fixes: zQuestionnaireMerge sometimes did not copy the last variable from a source file.
2.0.2	26.03.2014	Fixes: Mutated vowels ("ä, ö, ü") are not correctly imported in zCleaner.
2.0.1	18.03.2014	Fixes: Error in zCleaner call fixed.
2.0	17.03.2014	Features: zQuestionnaireMerge added.
1.1		Features: Ribbon-support added.
1.0		Features: zCleaner added.

Thanks go to Jürgen Fleiß for pointing out bugs in the program.

6. License information and disclaimer

This file is part of the z-Tools. For more information please visit palan.biz contact Stefan Palan under uni@palan.biz. Copyright (c) 2014, Stefan Palan, academic.palan.biz. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name z-Tree Toolbox nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE DEVELOPER(S) OF Z-TOOLS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.