

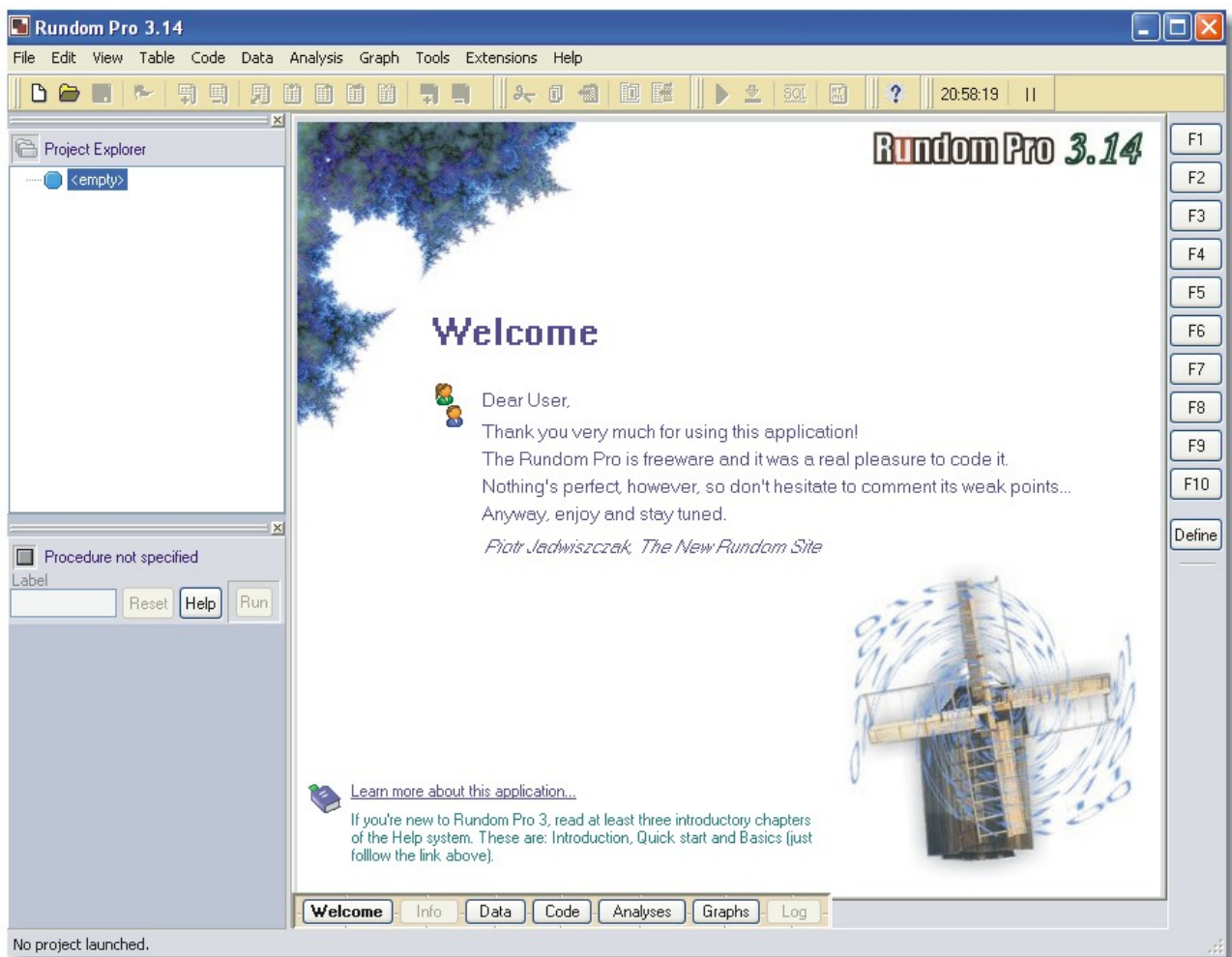
R**u**ndom Pro 3.14

features

<http://pjadw.tripod.com>

- ◆ Free of charge
- ◆ Project and non-project mode
- ◆ Built-in import of plain-text data files
- ◆ More than 30 transforms and similar procedures; Box-Cox technique with several options
- ◆ Random number generators for several discrete and continuous distributions
- ◆ Five Bonferroni methods
- ◆ Monte Carlo simulations (tossing a coin/s, basic urn model, throwing a die/dice, random ints)
- ◆ 28 descriptive statistics
- ◆ Classical tests including z- and various t-tests, ANOVA (one-way, two-way, nested, repeated measures/randomized blocks), ANCOVA, correlation and regression analysis, analysis of frequencies (tests for goodness of fit and independence), F-test, Levene's and Brown-Forsythe's tests, Shapiro-Wilk W test
- ◆ Resampling-based tests including Fisher's one-sample and paired comparison tests, two-sample randomization test, bootstrap-t test, comparison of two sample mean vectors, one-way ANOVA, isotonic regression, two-way ANOVA, repeated measures/randomized blocks ANOVA, correlation and regression analysis, Levene's and Brown-Forsythe's tests, Aly's test, Mantel's test;
in some tests: several test statistics to choose from, approximate or exact versions, stratified shuffling
- ◆ Distribution of a test statistic from the last-performed resampling-based test imported to selected variable with a single click
- ◆ Histogram for the last-performed resampling-based test with a single click
- ◆ Basic graphs: histogram, box plot, scatter plot
- ◆ Built-in programming language (ISL, easy to master) – create your own procedures...

- ◆ SQL support (SQLite database engine) – learn more on your data...
- ◆ HTML report creator
- ◆ C# programming language interpreter (requires .NET framework, free download)
- ◆ Additional graphing tool (requires .NET framework, free download)
- ◆ And more



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