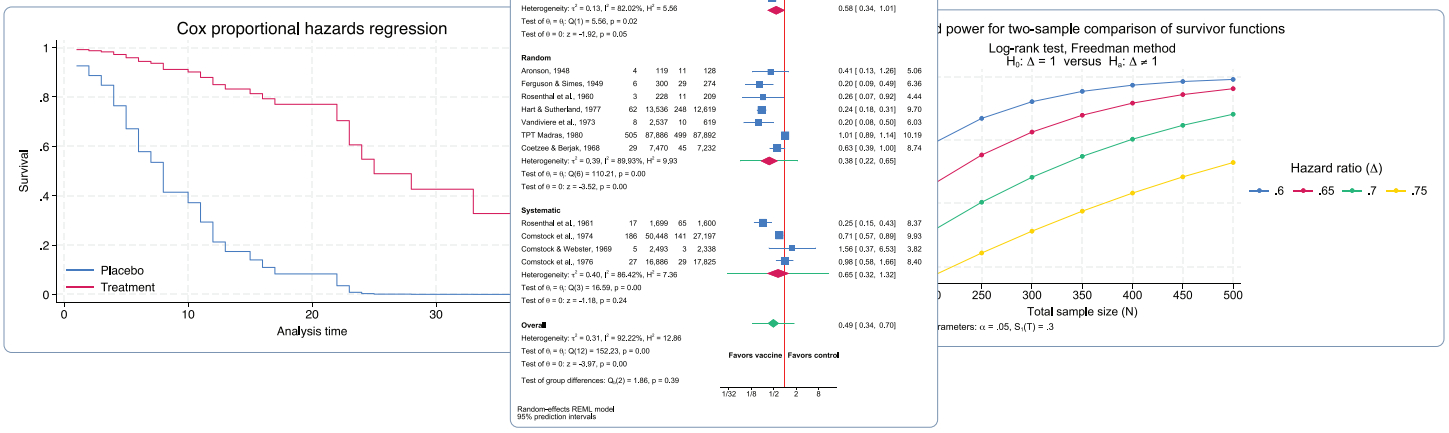
Clinical trials

Design and analysis

Stata provides a wide range of features to design and analyze clinical trials: power and sample-size determination using the **power** command, group sequential designs using the **gsdesign** command, evaluation of drugs' safety using the pharmacokinetic **pk** suite, analysis of survival-time outcomes by fitting a Cox model with the **stcox** command, combining results of multiple trials using the meta-analysis **meta** suite, and much more.



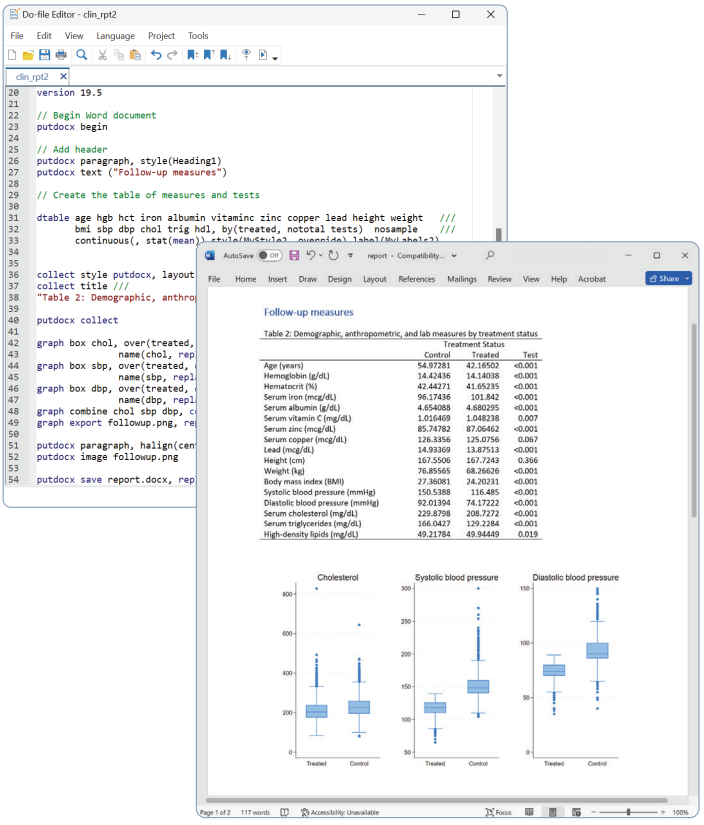
Create and automate reports

Stata offers powerful tools for clearly communicating your results.

From power curves to survivor functions to forest plots, Stata makes it easy to create publication-quality visualizations.

Customize tables reporting baseline characteristics, adverse events, regression results, and more.

With a single script, you can automate the creation of a reproducible report, complete with formatted text, tables, and graphs.



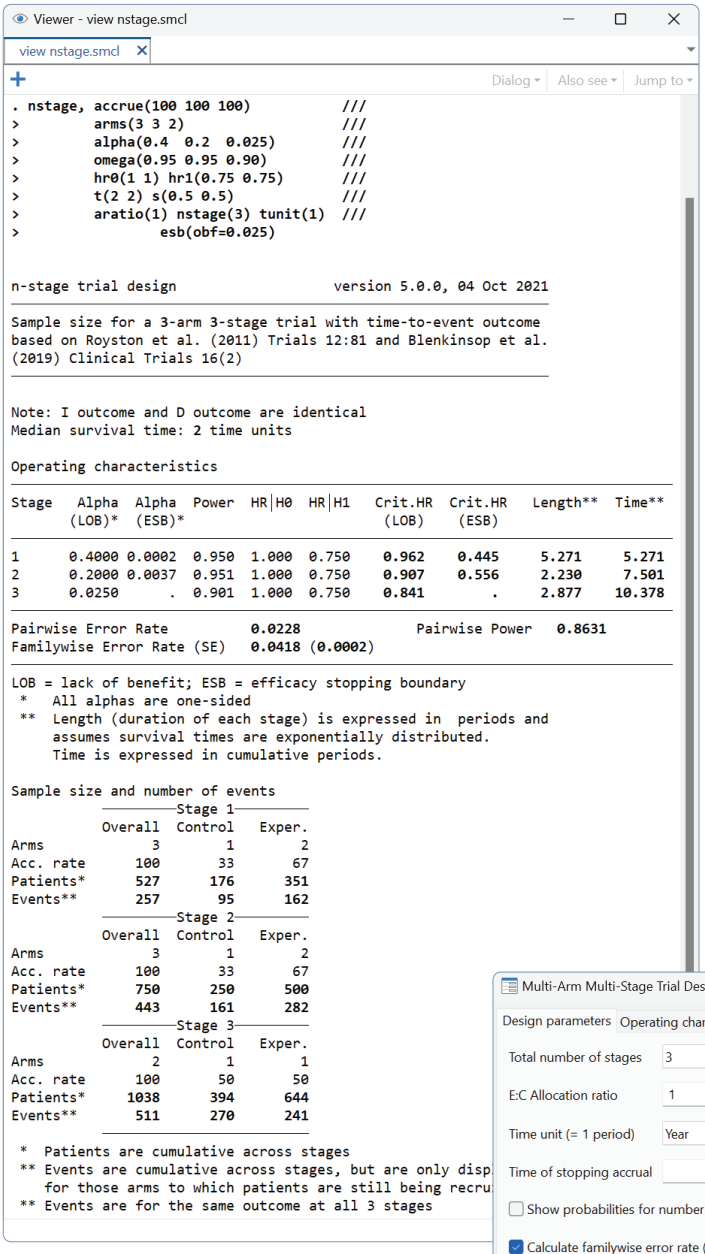
Community-contributed features

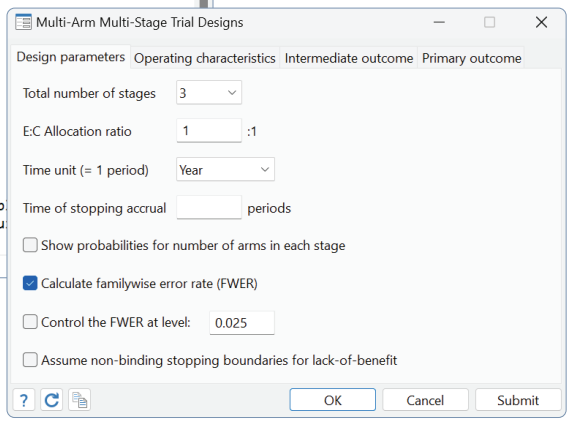
In addition to built-in features, Stata has a large and active community of researchers who are continuously adding new methods to Stata and often publish them in the *Stata Journal*. Finding and installing such commands is easy!

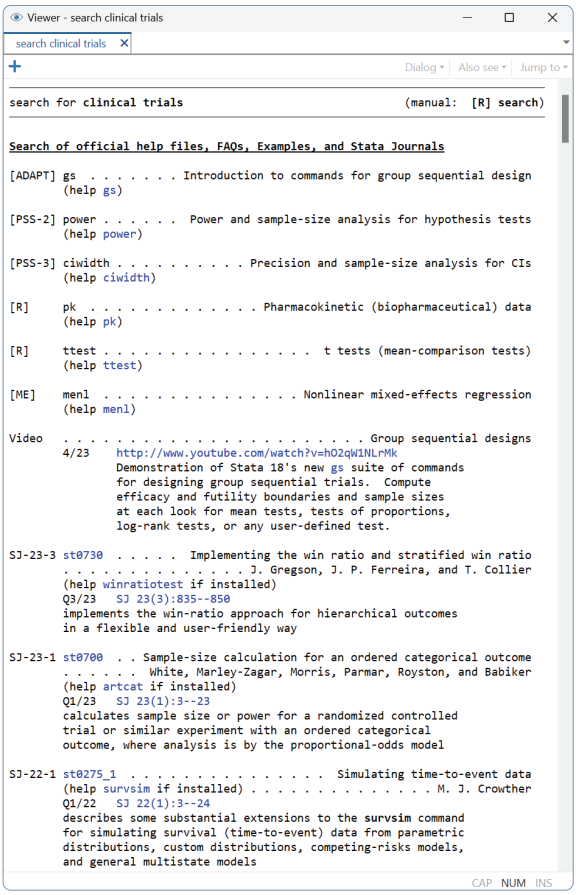
For instance, in Stata you can type

```
. search multi-stage design
```

You will see the **nstage** package in the list of other suitable commands. You can click on it to read more about it, install it, and use it like any other Stata command:







Easily access your data

Use ODBC or JDBC to access your data from password-protected databases, including Oracle, MySQL, Amazon Redshift, Snowflake, Microsoft SQL Server, and more.

```
. odbc sqlfile("query.sql"), dsn("TrialData")
      user(myid) password(mypass)
```

Stata and FDA regulatory compliance

Learn how Stata satisfies FDA requirements, including installation qualification, documentation, certification, and more, at **stata.com/stata-fda-compliance**.