

Using R in ArcGIS

Goals of the workshop

- Introduce the **R** ([The R Project for Statistical Computing](#)) software program.
- Explain options for integrating **R** in **ArcGIS**.
- Present several tools that leverage the strengths of the integration methodologies.
- Demonstrate how the tools were used to analyze regional income distributions in the US.
- Provide recommendations and best practices.

Major topics covered

- Example Toolboxes on the Resource Center. Major areas of functionality.
- Software requirements and installation documentation.
- Feature Class IO options between programs.
- Conversion of Spatial Weights to/from ArcGIS and R.
- Spatial Econometrics in R.
- Additional R Resources for analyzing Spatial Data.
- Looking ahead.