R and Stata for Building Regression Models

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Stata system provides many routines for data manipulation and data analysis. Stata has excellent capabilities for developing models on count data. At a specific task a user interface can facilitate the researcher to focus on the topic of his/her research instead of syntax. To create a web browser based user interface for special purpose is easier in R with Tcl/Tk, R2HTML and Rpad. With this interface the user can

- specify different models,

- compare the models with each others,

- diagnose the residuals,

- update the models,

- verify the assumptions derived from models,

- document them.