

1014-B1-1724 **Sarah L Mabrouk*** (smabrouk@frc.mass.edu), Framingham State College, 100 State Street,
P.O. Box 9101, Framingham, MA 01701-9101. *MS Excel Interactive Tools for Statistics*.

When considering interactive tools, one may first think of WWW resources created using Java or JavaScript, however, using elements from the Control Toolbox, one can create interactive tools containing user-manipulated components such as scrollbars, command buttons, option buttons, and check boxes using MS Excel. Advantages to creating interactive tools using MS Excel include the availability of the software, browser and plug-in independence, convenience, and lack of restrictions for servers and the Internet. In this presentation, I will showcase interactive MS Excel workbooks that I developed to help students to explore, to visualize, and to understand topics in introductory statistics such as the mean, median, and outliers, linear regression and correlation, and the normal distribution. (Received September 28, 2005)