1135-K5-2768 **Robin H Lock*** (rlock@stlawu.edu). *Does the Randomization Method Matter?* Preliminary report.

As we gain experience with using simulation-based methods to teach statistical inference, we note that we can sometimes use more than one randomization method to simulate samples for producing a confidence interval or performing a hypothesis test. For example, in a regression setting, we can generate bootstrap samples by resampling data cases or by resampling residuals. We approach the "Does the method matter?" question on two levels: "Is there a noticeable difference in the statistical result, depending on the randomization method?" and "Should we have students worry about which method to use?". (Received September 26, 2017)