

Hands-on Exercises for Age & Sex Structure

Please complete all exercises using Malawi 2008 data

1. Population Pyramids
 - a. Construct a population pyramid in Excel
 - b. Analyze the pyramid's main features and note any potential errors in the data
2. Age (mis)reporting
 - a. Calculate and graph age ratios by 5-year, and if available 1-year, age groups
 - b. Identify terminal digits that seem to be preferred in the plot for either males or females; calculate Whipple's Index for these digits (for one sex)
 - c. Calculate and plot the sex ratio by 5-year age group
 - d. Analyze your results and note any potential errors in the data