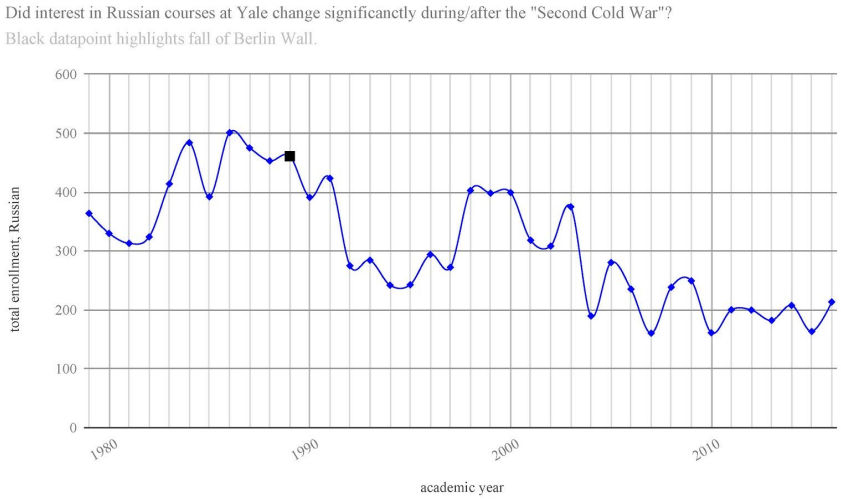
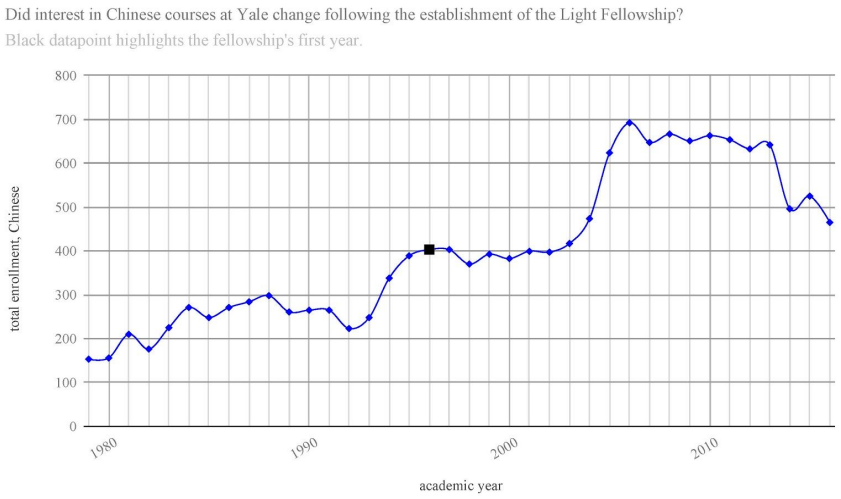
CS446 Assignment 1, 01/25
Natalie Schultz-Henry





For the Russian enrollment chart, data was selected from the row labelled “Russian” in the w034 dataset. Likewise for the Chinese enrollment graph, data was selected from the row labelled “Chinese” in the w034 dataset. Each point in each chart has an x-position determined by the start of the academic year with which it is associated and a y-position determined by number of course enrollment in Russian or Chinese, respectively, weighted against a maximum enrollment number for that particular dataset. A smoothing curve connects the points chronologically with curvature determined by Google Sheets. All points are shown in blue diamonds, the same color of the smoothing curve, expect for notable points (larger, in black) which are labelled at the top of each chart. A line chart works well for this visualization because the issue in question is a quantitative attribute’s change over time, especially before and after an event in question for each dataset.