FIGURE 6. We compare Dr. Thornton's distribution with the distribution determined by the ensemble. We plot results for the North Carolina Senate (left) and House (right). We examine a range of elections which have a wide variety of statewide vote fractions; the elections considered are the 2008 United States Senate (USS08, top), 2012 Commissioner of Insurance (CI12, second from top), 2016 President (PR16, second from bottom), and the 2012 Governor (GV12, bottom). In all cases we find that Dr. Thornton's method give a variance significantly larger than that of the ensemble. In some cases, the enacted plan is an extreme outlier according to the ensemble analysis, but not according to Dr. Thornton's methodology.