

1 HW review Shuohao Cai

This shiny app allows users to visualize the acreage of crops grown in different countries from 2006 to 2016. On the left side of the page, the user can select the year range, country, and crop type. At the top right is a world map with selected countries filled with corresponding colors based on acreage, and at the bottom right is a line graph showing the change in acreage for the selected country.

From the documentation, it seems that the authors prefer to use maps to display information. One of my suggestions is to increase the proportion of the map on the page, while reducing the proportion of the line graph appropriately, for example by reducing the height of the line graph appropriately. So when users see the page, they will notice the map first, and the dashboard, as an aid, is a bit overwhelming here.

The app is very user-friendly, the logic of use is clear, and I have no doubts for now. As the course progresses, it would be nice if the author could add more interactive information to the map.

2 PM review group 8

The shiny app focuses on data related to greenhouse gas emissions and environmental related mortality, morbidity, etc. The app provides heat maps and bars on greenhouse gases, bars on mortality, morbidity, etc. under environmental risks, and bars on the stringency of environmental policies.

Where I was confused was how to define environmental policy, although querying the source of the dataset would solve it, adding the definition or explanation of this variable to the page might be a better way. Another suggestion is that due to the disparity in country volumes, sometimes the comparison of the bars between specific countries is not clear, and perhaps an interactive way for the user to select a country could be added.

I think the app uses clear logic, the charts are brief, and the concerns are very meaningful, and I am very much looking forward to the final result.