

1. In a paragraph or two, describe these data. What are they? What questions could you answer from them? How many observations are there? How many variables? How much missing data and on which variables?
2. If you filter out cases with incomplete data, how many cases are there? As you go through each of the following tasks, try to use as many cases as possible. If you need to drop cases, tell me how many you dropped and why.
3. Recode the population variable to reflect that it is in millions.
4. How should you recode the area variable (hint: look in the variable names file)? Recode the variable
5. Do larger countries have larger populations (show this in a figure).
6. Create a new variable that says whether a country is densely populated or not. It is up to you how you define “densely population”, but just tell me how you defined it.
7. Do countries with different religions have different population sizes, population densities, or geographical areas. Describe this in numbers and at least one figure.
8. Are the main hue of the flag and the religion related at all?
9. Look at the relationship between one other flag characteristics and any of the non-flag characteristics. Describe any relationship (or lack of relationship) that you find and use figures to show it as well.