Using the art.csv (available at the Data and images section) dataset, answer the questions below. Answer each question with a multi-dimension plot. The questions are similar to the questions we asked and answered with plots in the Labs so far.

Use the par() function to put all 6 plots in the same plot space. Also, give the plots titles, x and y labels, use colors that you like, and if you are using a plot with points, use a symbol you like (pch). In other words, customize these plots to show me that you know how to modify different elements of the plots.

1. What are the distributions of total sales for water color and drawing papers? Show this as a grouped boxplot (two boxplots in the same plot).
2. Are total sales growing for each store over the years covered in the dataset? Show as a muli-line plot.
3. How do the total units sold of water color and drawing paper differ by store? Do stores tend to sell the same ratios of each?
4. Each paper (watercolor and drawing) has different subtypes. For watercolor only, how are the total sales of the different paper types (column is paper.type) similar or different for each store? (hint: make a watercolor subset of the whole dataset, then show a grouped barchart using a matrix from tapply)
5. In the Davenport store, do the sales representatives (column is 'rep') tend to sell the same amounts of water color and drawing paper?
6. Over the years, does the ratio of units sold for water color and drawing paper stay the same? Is one growing while the other stays constant?

Submit

* A single page pdf with all the plots on that page (see above) and submit this with the file name: HW2-<yourname>.pdf.
* Your r script that you created to make these plots with the file name: HW2-<yourname>.R

Due before the start of the next class.