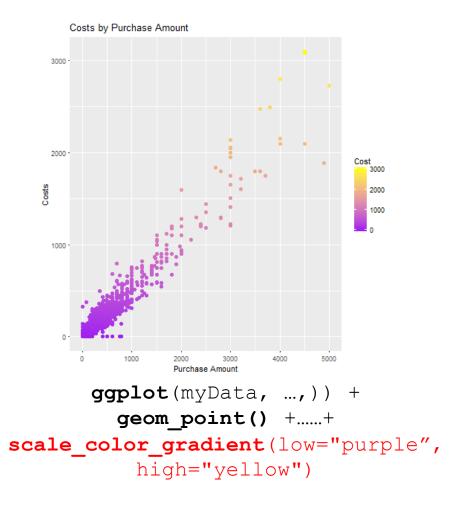
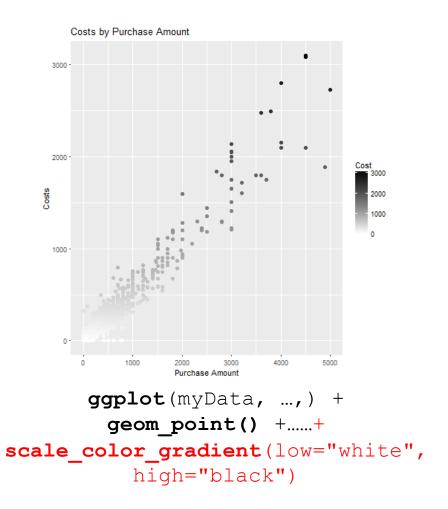
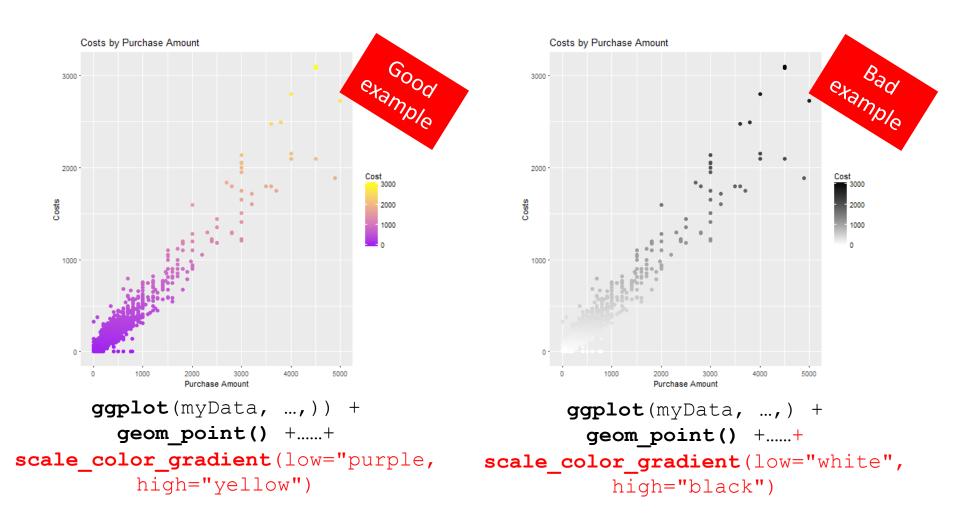
Color palettes, themes, and styles

Colors do matter!





Colors do matter!



Using palettes saves time

A **colormap** is a matched set of colors.

- Use palettes to coordinate plots:
 - within a projects
 - across projects



Sidenote: Download pre-existing color palettes i.e., wesanderson





Package name

install.packages("wesanderson")

Sidenote: Download pre-existing color palettes i.e., wesanderson

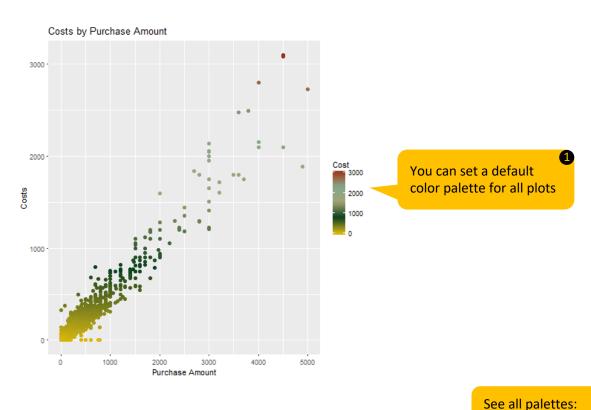




Package name

install.packages("wesanderson")

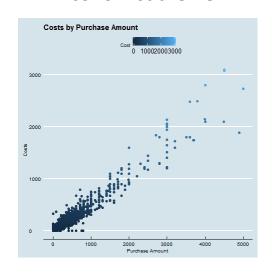
Using color palettes to indicate a third dimension



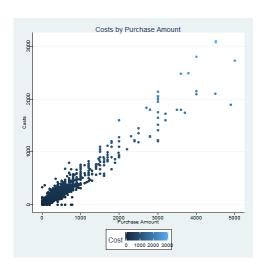
In ggplot2, we can use pre-defined themes

- Themes allow a consistent design. They can be shared within a company.
- The are easy to use and save repetitive work and are difficult to be "broken" or "ruined".
- The package "ggthemes" provides additional geoms, scales, and predefined themes:

Economist theme

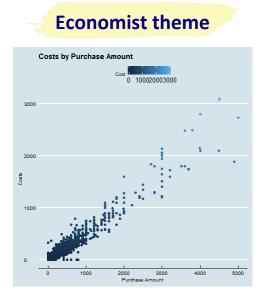


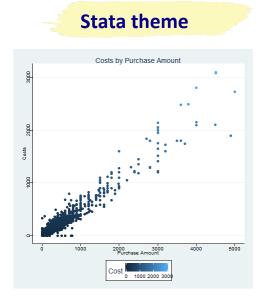
Stata theme



In ggplot2, we can use pre-defined themes

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You can adapt any theme to your requirements

