

# USING VARIABLES

## R input and response:

- Variables can hold many things, allowing you to organize your work:
  - text, vectors, data-frames, arrays, matrices, lists, ...
  - fit results
  - plot characteristics
- Suggestion: Make use of this wherever possible
  - Create data-frames to hold data for plots.
  - Include new variables in the relevant data-frames.
  - When fitting, save the results in unique variables.

```
# nicer plot, using 'grammar of graphics'  
# 'g' will be container for plot characteristics  
require(ggplot2)  
g <- ggplot(data=Data, aes(x=GGALTB, y=GGALT))  
g <- g + geom_point(size=2, color='blue', shape=20)  
g <- g + theme_WAC()  
print(g)
```

