

SOME THINGS I HAVE FOUND USEFUL

- **rbind**: concatenate data.frames by rows. Example: Construct a composite data.frame with all the measurements from a project to use when determining sensitivity coefficients, etc.
- **smoothing and interpolation**: Example: see use in Review.R
- **restrictions on data**:
example: `DataV <- Data[Data$TAS > 130,]`
- **saving data**: can speed repeated execution:
`save(Data, file="./Data.Rdata"); load ("./Data.Rdata")`
- **str(object)**: very useful for seeing the 'structure' of an object
- **object.size (object)**: how big is the object in memory?
(dim, length, nrow: complementary information but not size)
- **adding to a list, where c() can mix list entries**:
`vlist[[length(vlist)+1]] <- v`
- **remove or add a variable from a data.frame**:
`Data$Var <- NULL; Data[["Var"]] <- Var`
- **common error: misuse of ":" operator**; best to use parenthesis, as in `i <- (1:10)*5` or `i <- 1:(10*5)`