Code structure/order:

1. Title
2. Who wrote it
3. What you’re trying to do in the script
4. Load libraries
5. Manipulate data
6. Analyses

With allEffects() – you can fit it directly into a plot function or just call the function by itself

It will give you the effects and the values for the lines

Save allEffects, e.g.: abc = allEffects(model) into an object, call str(abc) 🡪 shows the variables contained inside the model allEffects

Then you can use ggplot to plot the data from allEffects

Remember that the intercept can be meaningful if you centre your data around th eeman

Heteroscedasticity is an indication that there is an interaction you need to take into account

If your study is descriptive and your variables vary in how many observations they have (not all observations were you able to collect data on all your variables) – then you should do model selection

Variation of individual divided by the sum of the residual variation + individual variation is the individual variance error/repeatability