A screenshot of a cell phone

Description automatically generated

1. How many individuals are in the data set?

Ans: 124 individuals.

2. How many variables are in this data set?

Ans: 40 variables.

3. Can you tell if any of the variables are categorical (i.e. qualitative)? Identify specific ones.

Ans: In this data frame, such as the first column called “ID” is a categorical variable because ID is fixed, each row has its ID respectively. We cannot see the same ID in this data frame. Also, although ID is a number, it cannot be calculated so it is not a qualitative variable.

Two important variables that were studied were (1) MAXFT = the number of finger-wrist taps in the dominant hand (a measure of neurological function) and (2) IQF = the Wechsler full-scale IQ score. You will explore the relationship of lead exposure to one of these two outcome variables.