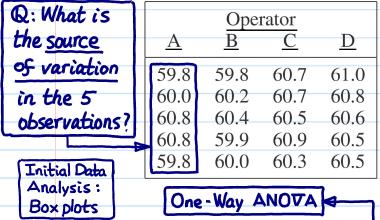
One-way layout and ANOVA: An Example one factor exp't (qualitative or quantitative)

Reflectance data in pulp experiment: each of four operators made five pulp sheets; reflectance was read for each sheet using a brightness tester.

Randomization: assignment of 20 containers of pulp to operators and order of * response : reflectance reading.

* (treatment) factor: Table 1: Reflectance Data, Pulp Experiment - operator (qualitative)



cf. 4 levels - A.B.C.D * Exp'tal unit: container of pulp 20 EUs homogeneous + EU1 ··· EU20 completely ABCD randomized * Each treatmet repeats

5 times 4 replicates Objective: determine if there are differences among operators in making sheets and reading brightness.

What if measure 5 points on a sheet?

