For our present purpose, however, it is only necessary to recognize that, whatever degree of care and experimental skill is expended in equalizing the conditions, other than the one under test, which are liable to affect the result, this equalization must always be to a greater or less extent incomplete, and in many important cases will certainly be grossly defective.

-R. A Fisher "The Design of Experiments, 9. Randomization; the Physical Basis of the Validity of the Test".

Theoretical Randomizations



- ☐ If we assume a standard RCB with 4 blocks and 2 treatments, we have 2⁴ possible arrangements
 - ☐ from



to

