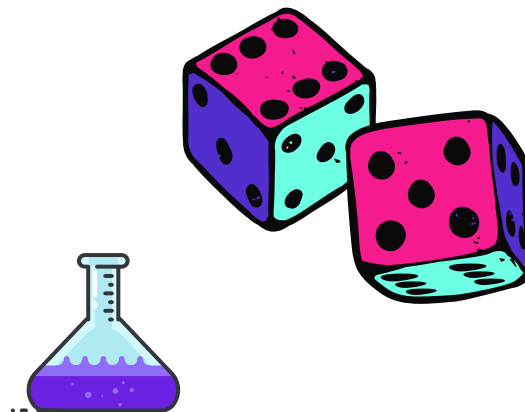
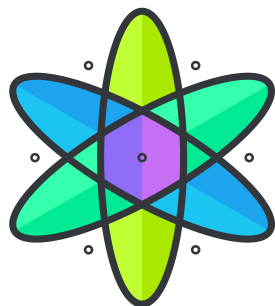


RANDOMIZED DESIGNS



1 Parallel Groups

Two groups are compared simultaneously

2 Multi arm parallel groups

More than two groups are compared simultaneously

3 Crossover

Each group is exposed to treatment and control

4 Cluster

Randomization by cluster not individual

5 Factorial

Randomization to a combination of treatment factors

- Ensure that proper randomization procedures are followed.
- Statistical analysis must be adapted for the study design.
- Citing the exact study design in the protocol will ensure clarity of the methodology.