

Awaysis of Variance (ANOVA)

Types of ANOVA

Done Way ANOVA : One factor with atteast 2 levels, these levels are independent

Eg: Dochor want to test a new medication to decreese headerhe.

They split the participant in 3 (anditions [long, domy, 3 ang].

Doctor ask the participants to vak the headache [1-10]

Medicating - factor

10 mg 20 mg 30 mg
5 7 2
9 8 7
- -

@ Repeated Measures Anova: One factor with afterst 2 levels,

level are dependents

Running - Factor

Day 1 Day 2 Day 3

8 S 6

7 4 3

(3) Factorial Anova: Two or more factors (each of which with atkast a levels), levels (en be either Independent and dependent

			Running -> F	achy
		Day 1	Day 2	Day 3
		8	S	6
	Mon	7	4	3
Gender		6	5	4
	Women	3	7	<u> </u>