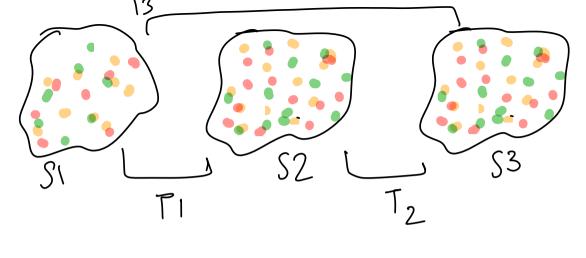
ANOVA Analysis of Variance 1) Nomerical V/S Categorical (2 categories) (2) Categorial 1/5 Categorial Chi squad. (3) Numerical u/s Categorical (Xategoria) ANOVA (4) Nomenical v/s Humencal Coraiane - Conclation pearson - speaman



3 Sample

10 Sample

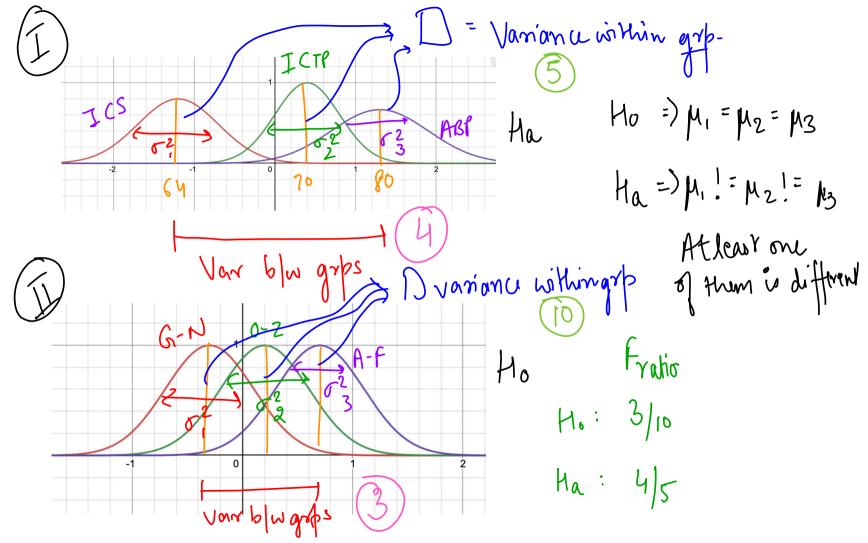
American BaskerBall Player (80 inches)

Androw (richer team players from her)

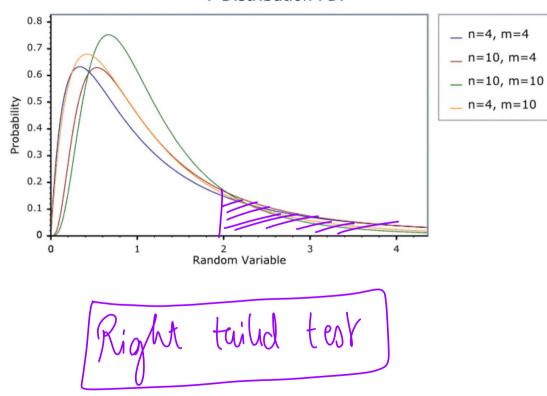
Androw (richer team players from her)

Androw (all the Students (4 inches) (2) Variance by Var (high by)

Park of all health calls Socking alphabetically var A-F within high Fratio = Variance 5/w grps Van. within grps. blu - low (2) G-N $\begin{pmatrix} 3 \end{pmatrix}$ 0-7



F Distribution PDF



Ho: No difference [25 25 27 30 23 20] M = 25 [30 30 21 24 26 28] M1= M2= M3 M2:21.5 [18 30 29 29 24 26] M3=26 Ha: Atlean one is diff M + H2 + M3 1) Step 1: Compute Individual means (2) Step2. Compute mean of means of graps- $\bar{m} = \frac{\mu_1 + \mu_2 + \mu_3}{2} = 25.83$ Calculate vaniance blu grips.

(X 100°)

MTWTFS

Stepy. MSB - Mean Sum of Squares blu groups.

$$MSB = \frac{SSB}{D0F_B} = \frac{7.0002}{2} = 3.5001$$

a:
$$[25 \ 25 \ 27 \ 30 \ 23 \ 20]$$
 $\mu = 25$
b: $[30 \ 30 \ 21 \ 24 \ 26 \ 28]$ $\mu_2 = 26$
c: $[18 \ 30 \ 29 \ 29 \ 24 \ 26]$ $\mu_3 = 26$

Ships. Compute

Variance in this regard.

$$(36 - 26)^2 + (25 - 25)^2 + (27 - 25)^2 - \cdots + (20 - 25)^2 + 36$$

$$(36 - 265)^2 + (30 - 265)^2 + (21 - 265)^2 - \cdots + (28 - 265)^2 + 36$$

$$(18 - 26)^2 + (30 - 26)^2 + (29 - 26)^2 - \cdots + (21 - 26)^2 - \cdots + 36$$

$$(38 - 265)^2 + (30 - 265)^2 + (29 - 26)^2 - \cdots + (21 - 24)^2 - \cdots + 36$$

$$(38 - 265)^2 + (30 - 265)^2 + (29 - 26)^2 - \cdots + (21 - 24)^2 - \cdots + 36$$

$$(38 - 265)^2 + (30 - 265)^2 + (29 - 26)^2 - \cdots + (21 - 24)^2 - \cdots + 36$$

$$(38 - 265)^2 + (30 - 265)^2 + (29 - 26)^2 - \cdots + (21 - 24)^2 - \cdots + 36$$

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$$(38 - 265)^2 + (30 - 265)^2 + (29 - 265)^2 - \cdots + (21 - 24)^2 - \cdots + 36$$

$$(38 - 265)^2 + (38 - 265)^2 + (38 - 265)^2 + (38 - 265)^2 - \cdots + 36$$

$$(38 - 265)^2 + (38 - 265)^$$

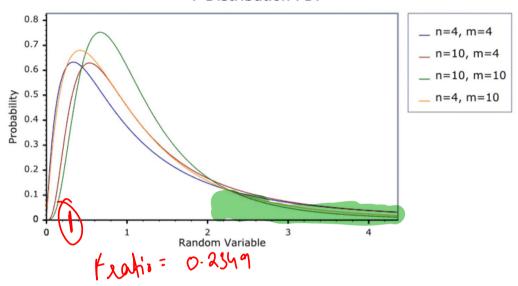
(X 100°)

MTWTFS

DOFW = 15 MSW = Mean rol squares within DOFW

Featio = $\frac{Var}{Var}$ b|w grbs = $\frac{3.5001}{14.9}$ Frato = 0.2349

F Distribution PDF



ASSUMPTIONS Data Should be Gaussian Wilkin Shapino Test

KS Test Indebendant Kolmogorov Smirnoff Test Equal variances among diffayop. - Levene Test If there assumptions don't hald me

KRUSKAL WALLIS TEST

Python every day 2 M] 3 E Coding System Situation + attach solution 15007