Hoy:

Ho: U1= 11 = 113.

H1: At least 1200 many one Different

Xij	×2'j	iex	(xij - \bar{x}1)2	(x27-x2)2	(227-23)2
(0	5	10	400	wo	900
20	10	20	100	25	100
30	15	30	0	0	0
40	20	40	100	25	100
50	31	50	400	100	400
150	75	150	LUDO	250	livo

$$\dot{x}_1 = 150 = 30$$
 $\dot{x}_2 = 756 = 15$
 $\dot{x}_3 = 150/3 = 30$
 $\dot{x}_3 = 150/3 = 30$

Sum of Squares within larges

$$= \sum (\lambda_{17} - \bar{\lambda}_{1})^{2} + \sum (\lambda_{27} - \bar{\lambda}_{1})^{2} + \sum (\lambda_{31} \bar{\lambda}_{3})^{2}$$

$$= (1000 + 350 + 1000 + 2350$$

Sum y Squency y bho Samples $= n_1(\bar{x}_1 - \bar{x}_1)^2 + n_2(\bar{n}_2 - \bar{n}_1) + n_3(\bar{x}_3 - \bar{n}_1)^2$ $= 5(30-05)^2 + 5(15-25)^2 + 5(30-25)^2$

Fold Sum g Squery

Xi)
$$X2i$$
 $X3i$ $(Xij - X)^2$ $(Xxij - X)^2$ $(Xxij - X)^2$ $(Xxij - X)^2$

10 S 10 925 400 925

20 10 20 25 25

30 15 30 25 100 25

40 20 40 225

50 28 50 625 625 125

Source g variable	df	Sun g Squay	gram Cl	F(vonione
Blo Samply	3-1=2	700	375	2.
within camply	15-3=12	2210	187.5	
	14	Zvvo	<i>a</i> .	in general her
no level q	Significance felor 6.0	is mention	ned Sor	in general her
Critical votes	F (0,12),	2 0 G		

Calculated Natura & F=2

Calculated value & Critical value,

i we fail to reger new hypothenis

1. U1= lle = 113

Au means one Egnel.