-		_	7		
E	KON	1	CP		,
-	14	1	Sc	_	

34. ANOVA Jable.	Treatments			
e=0.05 Blocks	ı A	В	С	Xio
	0	9	8	5.67
	2	6	5	4.33
3	8	15	14	12.33
Ч	ð	18	18	12
5	8	7	8	7.67
Xej	3.6		10.8	<del>\$\frac{1}{2} = 8.4</del>

$$\Rightarrow SST := \sum_{j=1}^{K} \sum_{l=1}^{b} (X_{ij} - \overline{X})^{2} = (o - 8_{1} y)^{2} + (q - 8_{1} y)^{2} + (8 - 8_{1} y)^{2} =$$

$$\Rightarrow SSTR = b \sum_{j=1}^{K} (X_{ij} - \overline{X})^{2} =$$

$$\rightarrow$$
 SSTR =  $b \stackrel{V}{\lesssim} (X_{0} - \overline{X})^{2} =$ 

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				8		
	St. Pala So	m sandomized	block, 5 He	comments and 3	bloks.	
	SST = 4	3. , SSTR.	31. SSB=	85 , set up	She ANOVA table	
	and tes	f, a= 0.05	- 1			
	. Source of Valiana	df df	22.	MS	F	
	Tredments	K-1 = 5-1 = 4	310	MSTR = 310 - 77	5 F = 77.5 = 17.7. 4.38	
	Blocks	b-1 = 3-1 = 2	85	MSBL = 85 = 42.	9.38	
	Esso	(K-1)(b-1) = 8	430-310-85 = 35	MSE = 35 = 4.3	8	
		14		8		
M-15						
Find Fa:						
Fe,05 with dfg = 4 df2 = 8.						
	F0105 =	3,84	F7 Fx S	o We reject	Ho (x-0.05)	
36. K=4, b=8 / x=0.05, complet lable.						
	S.O, V	df	22	MS	F	
	Treatments	K-1= 4-1= 3	900	MSTR= 900 = 300	ASTR = 300 = 12.6 MSE 23.81	
	Block	b-1=8-1=7	400	MSBL = 400 = 57.14	MSE 23,81	
		(X-1)(b-1) = 21		F		
	Total	31	1800	21		
Find Forces with dry = 3, dry = 21						
Fo. 05 = 3.07						
FYFX so (eject Ho (x=0.05)						

A,	nalayzer			
37. Carl Comp.	Elec.	Xi.		
1 1 11 1/41 2 3. 50 39	20242	46	107	
K-1=1 b-1=2 2 55	44	1 49.5	and 1.01	
3 63	46	54,5	Lance Wife	
56	.44	50€ Ī	Land of the	
• •	لأ أح		1 4	
NOW → SST= \(\xi_i - \bar{x}\)^2	- (56-50) + (55-	$\frac{169}{500} + \frac{169}{(63-50)^2}$	(42-50)2 (44-50)2	16 (46-50) <sup>2</sup>
	- 3.9		1.71	
-> SSTR = b \( \frac{k}{2} \left( \times_{ij} - \bar{\times} \right)^2 = 3	) (5(-5.)2./44	$(5.)^2$ = 3(7)	216	
J=1	36 36	24		
SCO) K 5 ( x: 5	) 2/14/5/2	1405 5 12 /54	· 73	
$\rightarrow SSBL = K \stackrel{b}{\underset{i=1}{\nearrow}} (xio - \overline{x})$	1 = 2 (96-50) +	0.25 20	25	
> SSE = 309-216 12 7	200 20		H.X	
→ SSE = 301-216 12 7		11		
1000 016	01/	NCC 0		
MSTR = 216	216	• MSE = 20 2	_ = 10	
F 01/		16	r -	
F = 216 =	21.6 Wigh	$dh_1 = 1$ , d	h2 = 2	
Fo. 5 = 18.51				
	So	reject to (a	20.05)	
	(3)			

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