	Analisis Kovarians															
A. Thbe	Umum (Uji ANCOVA)															
No.	Treatment A (A1) Treatment B (A2)															
1	X	X2	Y	Y2	XY	X	X2	Y	Y2	XY	₹ ₩					
1	175	30625	135	18225	23625	205	42025	165	27225	33825 A= treatmer						
1	175	30625	145	21025	25375	175	30625	195	38025	34125 A1, A2 = Var.						
3	235	55 225	205	42025	48175	230	52900	160	25600	36800						
4	215	46225	175	30625	37625	190	36100	155	24025	29450						
5	195	38025	140	19600	27300	155	24022	150	22500	23250						
6	195	38025	190	36100	37050	185	34225		28900 31450							
	B. Tabel Statistik C. Perhitungan ANCOVA															
	Statistik A1 182 Total i) Sumber Variasi Total (Residu)															
	21	V	6		6	12		1.1Ky = Zy2+ (EY+)2								
	2	ΣN 6 6 12 $1.1 K_{Y_{t}} = \Sigma y^{2} + \frac{(\Sigma Y_{t})^{2}}{N}$ ΣX 1.190 1.140 2.330 $= \Sigma Y^{2} + \frac{(\Sigma Y_{t})^{2}}{N}$ ΣX^{2} 238.750 21.9900 458.650 $= 333.875 - \frac{(1985)^{2}}{12}$														
	Σ	X2	238	750	21.9900	_			= 333.875 - (1985) ²							
	Σ		99	0	995	10	185		= 5.527	,916 667)					
	٤	Y ¹	167.	600	166.275	333	1875									
	-	ΧΥ	199		188,900		18.050	$\frac{1}{2} \frac{1}{2} \frac{1}$								
		<u> </u>	108		100	-	8,33	$= \sum_{i} \chi_{i}^{f} - (\sum_{i} \chi_{f})_{i}$								
	لــــــــــــــــــــــــــــــــــــــ		16	5	165,83	3	80,83	100.050 -								
	ļ .								- 0.7	241,666.	7					
	3.]	Pxy = 3				U	1. Beta,		_							
		: 5	XY-	_)(<u>S</u> Y)				Xŧ							
			20		V	• •				/ 6.241	667					
					330 x 1.989	1/12)		= 0,4	2122830	Ч						
		= 2	.629,	1667												
	s. Jk	regrest	•				6. JK,	residut	= Jk Yt	- Jkreg	ાહોર્					
		= 0,421228304 x 2.629, = 5.522,916.7 - 1.107,479														
		= 1.107, 479417 = 4.415,4372														

	No. Date:				N= totu M= var.	l sem	ua But	ta			No. Date:					
	ii» Sumber Variasi Dalam (JK dalam Residu)			iv),	Menghitung Der	rajat	Kebek	oasan	-	,	-					
	1. JKy = \(\text{y}_{1}^{2} = \text{Y}_{1}^{2} - \text{Y}_{2} \left(\text{SYA} \right)^{2} \)	Or Ini			1. DKA = a-1			V- N	- M	3. 1	KT " N-1- M					
	Id = St = It C NA			= 2-1 = 12 - 2								= 12-1-1				
	$= 333.85 - (\frac{990}{6} + \frac{995}{6})^2$				* 1			= g		17.	= 10					
	= 5.520, 833				ind diam	W-27	- O		, i' is		441-44					
				νŞ	Menghitung Ro	ita-R	ata Ki	uadro	ıt		Part Int					
	2. JKxd = 5x3 = 5x1 - 5 (5XA)2				1. RKA = JKA/	DKA			2. R	ko = J	lkp / Okp					
	2. $Jk_{Xd} = \sum x_{1}^{2} = \sum x_{1}^{2} - \sum \frac{(\sum X_{1})^{2}}{PA}$ = 6.241, $\left(\frac{1190}{6} + \frac{1140}{6}\right)^{2}$ = 6.033,33	,		= 50,5542/1 = 4.356,8829/9												
	= 6.033,33			= 58,55419							484,0981					
	a file of the second of the second of															
	3. JPXYd = EXY = EXY - E (EXA)(EYA)			νid	. Menghitung harg	a F										
	$= 388.050 - \left(\left(\frac{1190}{6} \right) \left(\frac{900}{6} \right) \right) + \left(\left(\frac{1140}{6} \right) \left(\frac{905}{6} \right) \right)$ $= 2.650$				1. Fhitung = Rk	A/F	A /RKB 2. Ftabel = (1-d; DK Antar; D									
	= 2.650 ((6)(6))			= 58,5542/484,098 = (1-0,05 ; 1; 0)												
	A STATE OF THE STA		= 0,120955 = 5,12									1,17				
	4. Beta d = 2xy						7									
	≥ £xŧ			D.	Rangkuman Tabe	ANC	OVA				1 1 1					
	= 2.629, / 6.241,					Jk	OK	Rk	Fhit	Ftu	abel Loios)					
	= 0.439227					JKA		RKA								
					the state of the s	Jkres _d		PKD								
	5. JK regresid = 0,439227 x 2.629,				Total (residu)	Jkrest	DKT	-								
	= 0,439227 , 2.629,															
	= 1.163,95	/		N ₀	Statistik	JK		0	K RI	K	Fhitung	F tubel (0.05=5%)				
	*1.0			1	Antar	28,5	542	1	_	15542	0,1509525	5,12				
	6. Jkrosida 1 = JK, - Jkrosioci 1	- 4		2	Dalam (error)	4.356	188305	7 9	41	84,098						
	6. $Jk_{residu d} = Jk_{rd} - Jk_{regress d}$ = 5.520, 1.163,			3	Total (residu)	4. y	15, 437	2 1	0	-						
	= 4.356, 883															
				E	. Uji ANCOVA											
	iii) Sumber Variasi Antar				iz Pasangan Hip	otesis						notara yo				
	JKA = JKresidy + - JKresidy			Ho: M1=M2 ltidak terdapat perbedaan variabel X menggunak												
	= 4.415, 4.356,			metode treatment An dan metode treatment												
	= 58,5542				. H1: M1 + M2	(terd	apat. per	rbedaa	n nil	ai vari	abel X Ant	ara yg menggunakau				
1.8.15		"Ber				meto	de trea	tment	Aı	dan A	2)	E@ \$\frac{1}{2}\$				

The state of the s								Date:		
ii?, Taraf nyata	T		•		Analis	is Kor	elasi			
a= 5% = 0,05	X = Hours playing video games per week									
	Y = Test score									
iii), Statistik Uji	T									
Perhitungan uji ANCOVA dan hasilnya,terlampir pada	No	X	χ2	Y	1 Y2	XY	12N = 10	*7 Koefisien korelasi (r)		
indeks D. Rangkuman Tabel ANCOVA	1	12	4	8	64	16	5X=19	Txy = nEXY-EXZY		
	2	2	Ч	3	g	6	ZX2=39	((nEX2-(EX)2(nEY2-(EY)2		
iv> Kriteria Uji	3	1,5	2,25	5	25	7,5	5Y=52			
Fnitung = 0,12096	ч	1	1	7	49	7	ΣY2= 334	(10 (39) - (19) (52) (10 (39) - (19)2) (10 (334) - (52)2		
Ftabel = 5,12	5	2.5	6,25	,	1	2,5	5XY=89,5	rxy = -0,684786818		
	6	3	9	2	4	6				
Fhit < Ftabel, maka Ho diterima dan Hi ditolak.	7	1.5	2,25	6	36	g		2 Dengan nilai koefisien forelasi rxy		
The state of the s	8	2	ч	7	49	14		sebesar - 0,684786818 maka korelasi		
v> Kesimpulan	9	2	u	\u	16	8		yang terjadi adalah negatic kuat		
Seteluh dikendalikan oleh kovariabel, tidak terdapat perbedaan	10	1,5	2,25	9	81	13,5		antara korclasi variabel X dgn Y.		
nilai variabel independen antara ya menggunakan metode								•		
treatment AI dan Az.										
가는 얼마나 가는 것이 되었다면 하는데 얼마나 되었다.										
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