

	D1			D2			D3					
	Y	X	XY	Y	X	XY	Y	X	XY			
1	73	108	7884	98	99	9702	94	194	18236			
2	102	136	13872	74	117	8658	79	198	15642			
3	118	138	16284	56	90	5040	96	196	18816			
4	104	159	16536	111	141	15651	98	198	19404			
5	81	146	11826	95	106	10070	102	210	21420			
6	107	141	15087	88	112	9856	102	196	19992			
7	100	175	17500	82	110	9020	108	230	24840			
8	87	149	12963	77	117	9009	91	222	20202			
9	117	174	20358	86	111	9546	120	220	26400			
10	111	176	19536	92	122	11224	105	228	23940			
	Y1.	X1.		Y2.	X2.		Y3.	X3.		Y..	X..	
Σ	1000	1502		859	1125		995	2092		2854	4719	ΣΣ xy
			151846			97776			208892	ΣΣ y ²	ΣΣ x ²	458514
	102062	229760		75819	128245		100075	439544		277956	797549	
ANOVA Table										95.13	157.30	
S.O.V	d.f	Y	X	XY								
		SS										
Trt.	2	1280.067	47510.6	6057.3			T _{XY} =	((Y1.X1.)+(Y2.X2.)+(Y3.X3.))/10-Y..X../30				
Error	27	5165.400	7739.7	3522.5			E _{XY} =	S _{XY} - T _{XY}				
Total	29	6445.467	55250.3	9579.8			S _{XY} =	ΣΣ xy - Y..X../30				
Y												
		adj.SStot =	S _{YY} - S _{XY} ² /S _{XX}		4784.434							
		adj.SSE =	E _{YY} - E _{XY} ² /E _{XX}		3562.236	β =	0.455121	SS(β) =	1603.164			
		adj.SSTr =	Sstot - SSE		1222.197							
Y												
ANCOVA Table												
S.O.V	d.f	adj.SS	adj.MS	F								
Trt.	2	1222.197	611.0987	4.46								
Error	26	3562.236	137.0091									
Total	28	4784.434										
		Mean(y)	adj.Mean(y)	G.Mean(y)	S.E(y)	Mean(x)						
D1		100.0	103.2	95.13	3.820	150.2						
D2		85.9	106.3	95.13	7.016	112.5						
D3		99.5	75.9	95.13	7.835	209.2						

