

paste from pivot3	clear all	n	p	Transfor mer	T_row
		28	4		4

Select y→	y	y	y	y
Header→	N	E	S	W
Body→	72	66	76	77
	60	53	66	63
	56	57	64	58
	41	29	36	38
	32	32	35	36
	30	35	34	26
	39	39	31	27
	42	43	31	25
	37	40	31	25
	33	29	27	36
	32	30	34	28
	63	45	74	63
	54	46	60	52
	47	51	52	45
	91	79	100	75
	56	68	47	50
	79	65	70	61
	81	80	68	58
	78	55	67	60
	46	38	37	38
	39	35	34	37
	32	30	30	32
	60	50	67	54
	35	37	48	39
	39	36	39	31
	50	34	37	40
	43	37	39	50
	48	54	57	43

T²	alpha	T² Crit.Val.	F	F Crit. Val.	p-value
326.905	0.05	12.493	72.646	2.776	0.0000

Ty1	Ty2	Ty3	Ty4	T_Mean	Ty1	Ty2	Ty3	Ty4
72	66	76	77	Sample	50.53571	46.17857	49.67857	45.25
60	53	66	63	Hypothesized	0	0	0	0
56	57	64	58	Bonfer.S.Cl Lo	41.91681	38.67805	40.21652	37.64964
41	29	36	38	Bonfer.S.Cl Up	59.15462	53.67909	59.14063	52.85036
32	32	35	36	Scheff.S.Cl Lo	39.15256	36.27249	37.18185	35.21206
30	35	34	26	Scheff.S.Cl Up	61.91886	56.08465	62.17529	55.28794
39	39	31	27					
42	43	31	25					
37	40	31	25	T_Cov	Ty1	Ty2	Ty3	Ty4
33	29	27	36	Ty1	290.4061	223.7526	288.4378	226.0093
32	30	34	28	Ty2	223.7526	219.9299	229.0595	171.7315
63	45	74	63	Ty3	288.4378	229.0595	350.004	259.713
54	46	60	52	Ty4	226.0093	171.7315	259.713	225.8241
47	51	52	45					
91	79	100	75					
56	68	47	50					
79	65	70	61					
81	80	68	58					
78	55	67	60					
46	38	37	38					
39	35	34	37					
32	30	30	32					
60	50	67	54					
35	37	48	39					
39	36	39	31					
50	34	37	40					
43	37	39	50					
48	54	57	43					

New Mean	N	E	S	W
(H0: mu=)	0	0	0	0
Transformer	N	E	S	W
	1	0	0	0
	0	1	0	0
	0	0	1	0
	0	0	0	1