

paste from pivot	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
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

T_Mean	Ty1	Ty2	Ty3	Ty4
Sample	50.53571	46.17857	49.67857	45.25
Hypothesized	0	0	0	0
Bonfer.S.Cl Lo	41.91681	38.67805	40.21652	37.64964
Bonfer.S.Cl Up	59.15462	53.67909	59.14063	52.85036
Scheff.S.Cl Lo	39.15256	36.27249	37.18185	35.21206
Scheff.S.Cl Up	61.91886	56.08465	62.17529	55.28794

T_Cov	Ty1	Ty2	Ty3	Ty4
Ty1	290.4061	223.7526	288.4378	226.0093
Ty2	223.7526	219.9299	229.0595	171.7315
Ty3	288.4378	229.0595	350.004	259.713
Ty4	226.0093	171.7315	259.713	225.8241

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