| paste from pivot 1 | clear all | *n* | *p* |
|---|---|---|---|
| | | 28 | 4 |

| Transformer | T_row |
|---|---|
| | 4 |

| $T^2$ | alpha | $T^2$ Crit.Val. | F | F Crit. Val. | p-value |
|---|---|---|---|---|---|
| 326.905 | 0.05 | 12.493 | 72.646 | 2.776 | 0.0000 |

| Select y→ | y | y | y | y 2 |
|---|---|---|---|---|
| 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 |

| 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.CI Lo | 41.91681 | 38.67805 | 40.21652 | 37.64964 |
| Bonfer.S.CI Up | 59.15462 | 53.67909 | 59.14063 | 52.85036 |
| Scheff.S.CI Lo | 39.15256 | 36.27249 | 37.18185 | 35.21206 |
| Scheff.S.CI 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 |