Given the aggression scores below for Outcome A of the sleep deprivation experiment, verify that, as suggested earlier, these mean differences shouldn’t be taken seriously by testing the null hypothesis at the .05 level of significance. Use the computation formul2as for the various sums of squares and summarize results with an ANOVA table.

|  |  |  |  |
| --- | --- | --- | --- |
|  | ZERO | Twenty-four | Forty-eight |
|  | 3 | 4 | 2 |
|  | 5 | 8 | 4 |
|  | 7 | 6 | 6 |
| Mean | 5 | 6 | 4 |
| Group Totals (T) | 15 | 18 | 12 |
| Grand Mean=5 | Grand Total (G) =45 | |  |